



CP-62

Functions and Operating Instructions

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Introduction to the "Functions and Operating Instructions" for stations for EXES-6000

This booklet, which explains the functions and operating procedures of stations for TOA's EXES-6000 Intercom System using central processing unit CP-62 and exchanges EX-610/620, is divided into two (2) sections:

1. Basic use of each station (See item 2, 5, 11, 12 and 13)
2. Functions and dial operations (See item 3, 4, 6 through 10 and 14)

You need not read all the instructions given in this booklet but it is necessary to read the instructions on those functions employed in your system. The following guidelines will help you select the pages that you should read.

(A) Selecting different functions made available by placing the Privacy Switch in the "ON" position

The EXES-6000 System is designed to allow either "PV" type operation (The system having Privacy function) or "NP" type (Without Privacy function) to be selected by turning on or off a switch inside the exchange. It is impossible to make one station the "NP" type and another the "PV" type in the same system.

The function provided when the Privacy switch is in the ON position is different between the "PV" and the "NP" type. Therefore, read the page marked **PV Type** if your system is of the "PV" type and the Page **NP Type** if it is of the "NP" type.

"PV" Type and "NP" Type

Type	Definition	Description
PV Type	System having Privacy function	<ol style="list-style-type: none"> 1. Privacy tone With the Privacy switch in the ON position, a brief Privacy tone sounds and any incoming call is refused. 2. The Handset Master/Substation may not be used in this system. If used, it is not called by a continuous calling tone but by a brief Privacy tone.
NP Type	System having no Privacy function	<ol style="list-style-type: none"> 1. Continuous calling tone A station with the Privacy switch may be called by the continuous calling tone when its Privacy switch is placed in the ON position. One touch dialing any key (1 through 9, 0, *, #) other than the PTT key or picking up the handset stops the calling tone and the stations is made ready to initiate the response to the call. 2. The Handset Master station without Privacy switch may be called by the continuous calling tone. Picking up the handset stops the calling tone and allows the conversation.

Note.

By programming, the continuous calling tone function may be made available to specific stations with the Privacy switch in the OFF position.

In this event, touch dialing any key (1 through 9, 0, *, #) other than the **PTT** key stops the calling tone and permits conversation.

This feature may be employed for the industrial type of station (Model HF-650M) or in the "PV" type system that needs to be continuously called.

(B) Selecting the dial operation method

The EXES-6000 Intercom System is designed to operate with a minimum of dial operation. Selection of the simplest method is accomplished by means of switches inside the exchange according to the number of stations and type of functions employed in the system.

Four different methods of dial operation (type No. 1 through 4) are available for selection. Each of the following pages is marked **Type 1** through **Type 4**. Read only the necessary page that covers the type of system you use. The page having no Type indication at its right top corner is applicable to all the 4 Types.

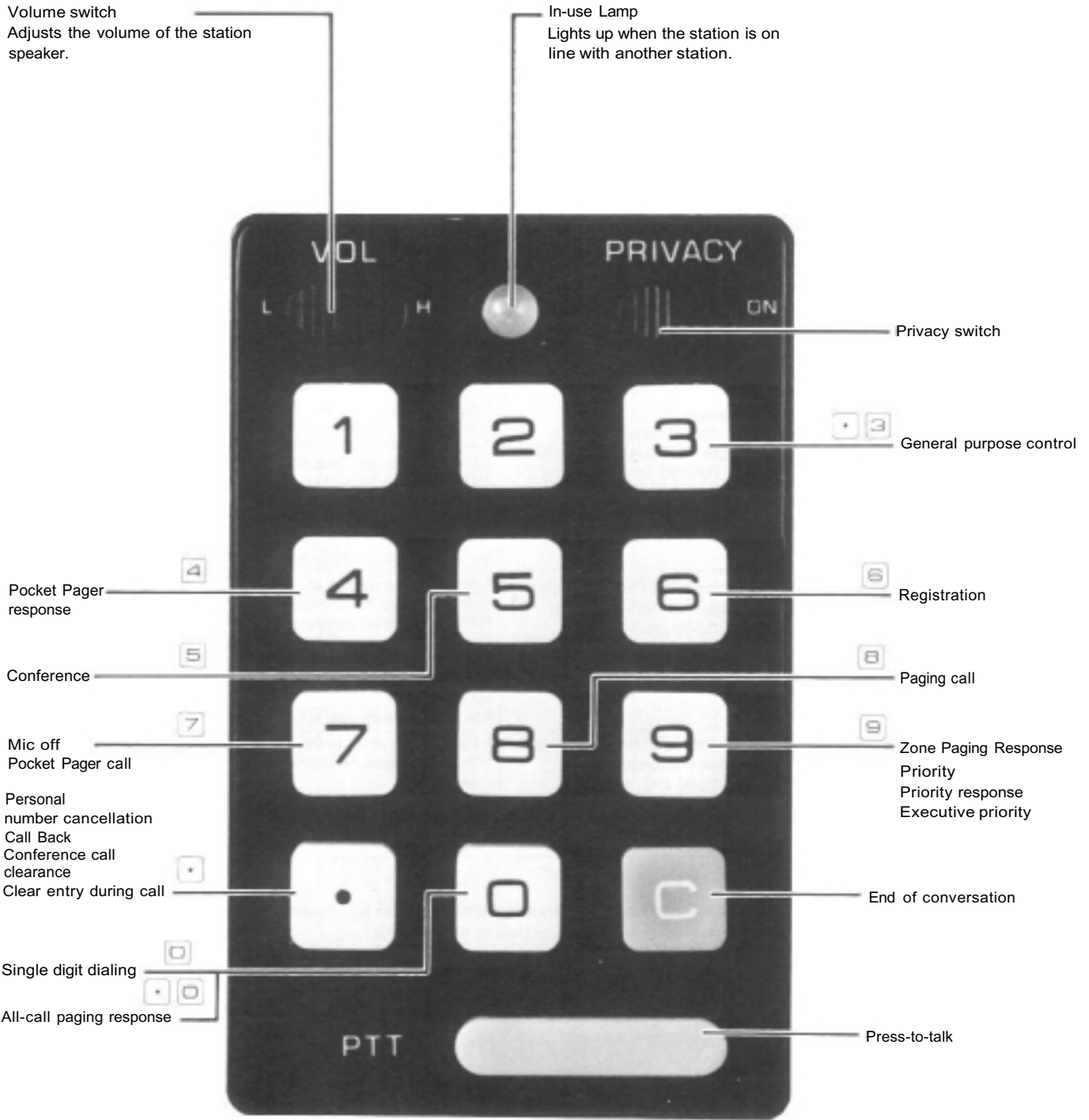
Four types of dial operation

Type	Features	Programmable numbering schedule	Description
Type 1	<ul style="list-style-type: none"> • 3-digit dialing • Standard version • Max. 128 stations (without paging function) • Max. 120 stations (with paging function) (with paging function = all call + 7 zones) 	Standard No. 200-327 (No. 100-227) Programmable station numbering No. 200-399 (No. 100-399) *2	<p>* For the system that requires no Programmable Station Numbering or of which station number allocation is No. 100 through 399 in the event of Programmable Station Numbering.</p> <p>* This type provides the easiest operation of functions Example: For conference, touch dial [5] plus station number For paging, touch dial [5][X] (zone number)</p>
Type 2	<ul style="list-style-type: none"> • 3-digit dialing • Programmable Station Numbering • Max. 128 stations (without paging function) • Max. 120 stations (with paging = all call + 7 zones) 	Standard No. 200-327 (No. 100-227) Programmable station numbering No. 200-999 (No. 100-999) *2	<p>* In the event of extension of station numbers to No. 100-999 by Programmable Station Numbering function.</p> <p>* In the event of future expansion of the system to use 2 or 3 exchanges through tie-line connection.</p> <p>* The [•] key must be depressed first for operation of functions. Example: For conference, touch dial [•][5] plus station number For paging, touch dial [•][5][X] (zone number)</p>
Type 3	<ul style="list-style-type: none"> • 2-digit dialing • Mainly intended for paging • Max. 70 stations (with or without paging) 	Standard and Programmable station numbering. *2 No. 20-79 (No. 10-79)	<p>* Simplified operation of conversation and paging for systems of up to 70 stations.</p> <p>* The [•] key must be depressed first for operation of any functions other than the paging-call/response. Example: For conference, touch dial [•][5][X][X] (station number) For paging, touch dial [5][X] (zone number)</p>
Type 4	<ul style="list-style-type: none"> • 2-digit dialing • Max. 90 stations (with or without paging) 	Standard and Programmable station numbering *2 No. 20-99 (No. 10-99)	<p>* For systems of up to 90 stations.</p> <p>* The [•] key must be depressed first for operation of function. Example: For conference, touch dial [•][5][X][X] (station number) For paging, touch dial [•][5][X] (zone number)</p>

Notes.

*1. The numbers given in parenthesis () are for these cases where the Personal Number function is not used.

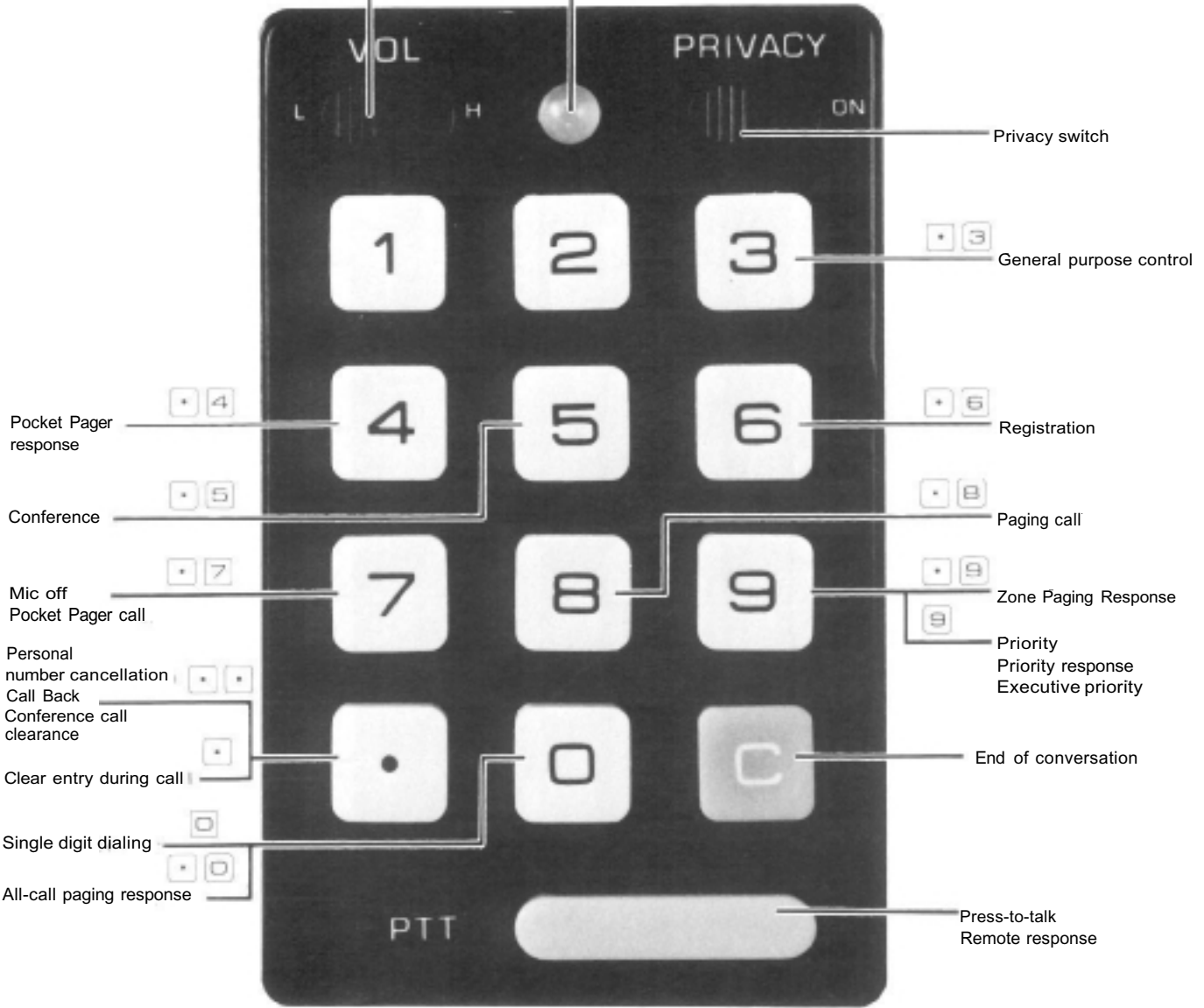
*2. The Programmable station numbering can be set up by registering station data to the exchange.



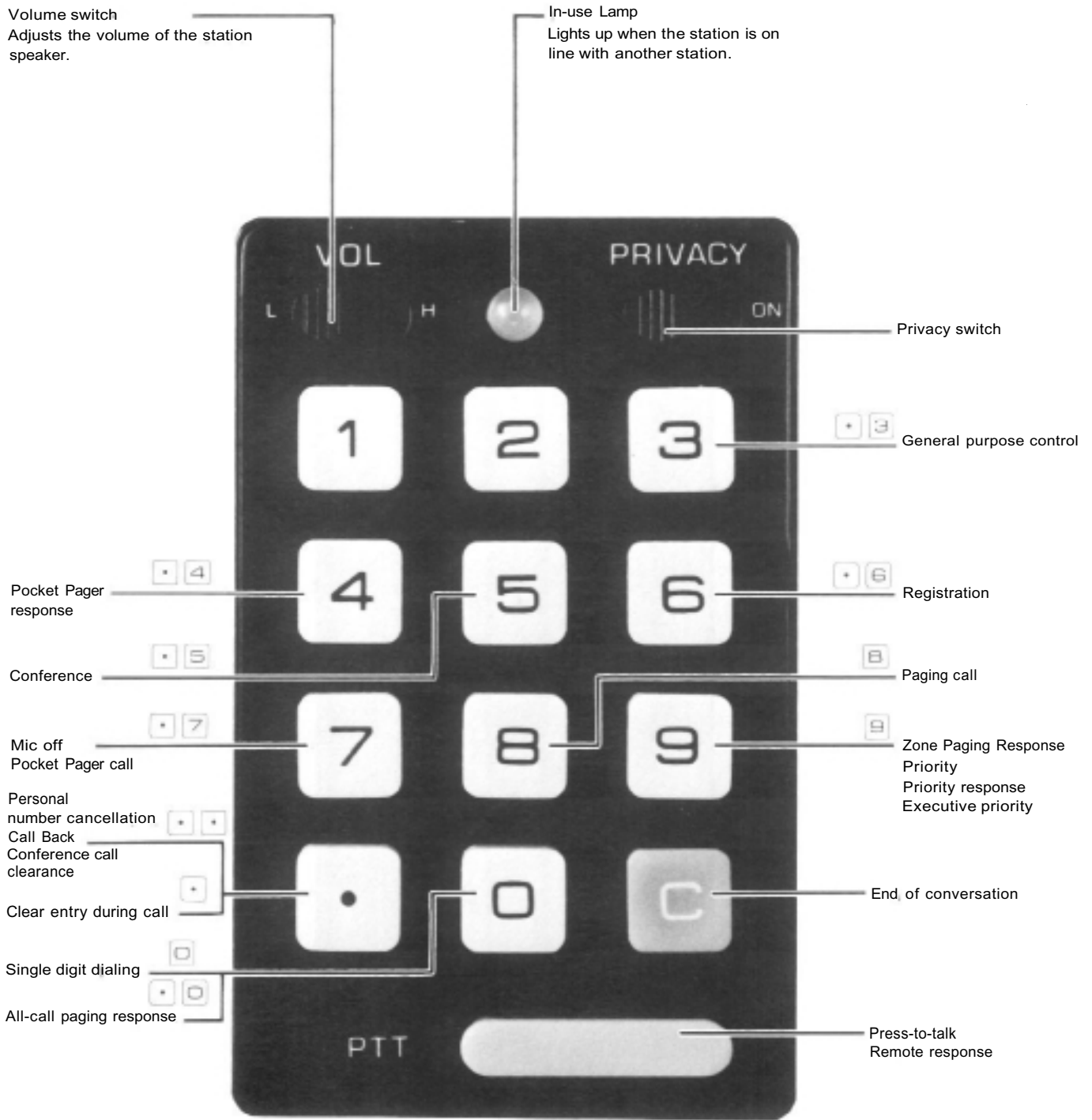
* The station number series begins with 200 or 100, depending on whether or not Personal Number function is used.

Volume switch
Adjusts the volume of the station speaker.

In-use Lamp
Lights up when the station is on line with another station.



* The station number series begins with 200, 100, 20 or 10, depending on system size and/or use of Personal Number function.



* The station number series begins with either 20 or 10, depending on whether or not Personal Number function.

Functions: EXES-6000 CP-62

No.	Classification	Function	Standard Function	Selectable Function		Optional Function	
				By DIP Switch	By No. 200 Programming		
1		Automatic Line Release	○				
2		Camp-On-Busy	○				
3		Mic-Off	○				
4	Single Digit	Single Digit Dialing	○				
5		Automatic Access to Paging			○		
6		Master/Sub Relationship				○	
7	Continuous Calling Tone	Privacy • Camp-On-Privacy/Continuous Calling Tone at Privacy Mode *1		○			
8		Continuous Calling Tone- One-touch Response *2		○	○		
9	PTT	Press-To-Talk	○				
10		Talk-Back				○	
11		Press-To-Talk Control		○*3		○	
12		Personal Number Call/Personal Number Paging				(○)*4	
13	Transfer	Remote Response	○				
14		Call Transfer • Paging during Normal call		○		(○)*4	
15		Group Hunting		○	○		
16		Secretary Transfer			○		
17		Call Forwarding		○			
18	Priority	Priority		○			
19		Executive Priority			○		
20	Conference	Conference		○		○	
21	Paging and Response	Station Paging (All-Call + 7 zones) *5		○	(○)*6	○	
22		PA Paging (All-Call + 7/15 zones) *5			(○)*6	○	
23		Combination Paging		○	○	○	
24		Emergency All-Call		○		○	
25		Paging Priority		○	○	○	
26	Selection of Dial Operation	Selectable Numbering Schedules		○			
27		Selectable Function Code		○			
28		Selectable Dial Operation for Paging Response		○			
29		Output Capacity of General Purpose Control		○			
30		Programmable Station Numbering		○	○		
31		Group Blocking (Restricted Dialing)		○	○		
32	Restricted Access	Restricted Access to All-Call Paging			○		
		Restricted Access to Conference			○		
		Restricted Access to General Purpose Control	One-shot make output		○		
			Make/break output			○	
			8 selectable one-shot make output			○	
			8 selectable make output/Decimal output			○	
4 decimal digits output				○			
33	Selection	Calling Tone • Paging Pre-Announcement Tone Duration *7			○		
34		Time out of Conversation and Paging Call			○		
35	Interface	IN/OUT Annunciation		○			
36		Destination Annunciation Indication					
37		Calling Party Indication (Lamp type) (with/without memory)		○*8	○	○	
38		Calling Party Indication (Numerical type)					
39		Pager (make output type)		○		○	
40	General Purpose Control	One-shot make output					
		Make/break output					
		8 selectable one-shot make output					○
		8 selectable make output/Decimal output					
		4 decimal digits output					

Functions: EXES-6000 CP-62

Notes.

1. XX/YY indicates to select either XX or YY.
2. Not all circles (○) of The Switch Selection table correspond to the DIP switches of the CP unit.
- *1: "PV" (system with Privacy function) Type: with the Privacy switch in the ON position, a brief Privacy Tone sounds.
"NP" (system without Privacy function) Type: A station may be called by the continuous calling tone when the Privacy switch is placed in the ON position.
- *2: When a hands-free station without handset is called by the continuous calling tone, conversation may start by touching any key (□~□, □ or □).
- *3: This function is not provided when all-call paging plus 15 zone paging is used.
- *4: Additional equipment is required for paging.
- *5: Each zone of paging provides Station paging and/or PA paging. (Within 7 zones)
- *6: It is necessary to respond only by touching (□) □ (without zone No.).
- *7: Calling tone: 0.3 sec (Trill note tone)/0.2 sec (Single note tone)/none.
Paging pre-announcement tone: 2 sec/1 sec/none.
- *8: Selects whether or not the indication of the calling party station continuously lights up, after the calling party has cancelled the call to a line which is busy or in the privacy mode.

Function description

1. Standard Functions

- 1) Automatic Line Release
The calling Station is released from the speech path if dialing is not completed within 5 seconds. The calling station is also released from the speech path if no response is given within 10 seconds, when calling a station in the privacy mode.
- 2) Camp-on-Busy
When the called party is busy, the caller can camp-on the line. After the conversation is finished, he is automatically put through.
- 3) Press-to-Talk
One-way conversation is possible by pressing the Press-to-Talk bar when the ambient noise is high at one party's station.
- 4) Mic-off
Line is held temporarily.
- 5) Remote Response
The station called by continuous calling tone can be remotely answered by other stations.
- 6) Single Digit Dialing
Single digit calling of numbers up to 4 digits in length can be made by one-touch operation.

2. Selectable Functions

- 7) Master/Sub Relationship
Substations can call Master stations by one-touch operation. In the event of Handset Substation, a call can be made from Substation to its designated master station by simply picking up a handset.
- 8) Automatic Access to Paging
Specific Substations may initiate a Paging Call or Paging Response or Personal Number Call, etc. by simply picking up a handset.
- 9) Privacy
When calls are unwanted, turn Privacy switch on and a brief privacy tone sounds when the station is called.
- 10) Camp-on-Privacy
When called in the privacy mode from another station, calls can be connected immediately after releasing the Privacy switch.
- 11) Handset Response in Continuously Called Stations
Full duplex handset conversation is available by lifting the handset when the continuous calling tone is heard.

- 12) One-touch Response in Continuously Called Stations
Hands-free conversation is available by just touching any key except (PTT) when the continuous calling tone is heard.
- 13) Personal Number Call
Calls can be connected by using Personal Numbers, other than normal station numbers when Personal Numbers are registered into any designated station.
- 14) Personal Number Paging
Zone paging is made by Personal Numbers when Personal Numbers are registered into any designated station within a zone.
- 15) Call Transfer
The called party can transfer the call to other selected station. Call Hold and Call Back are also possible.
- 16) Paging during Normal Call
Calls can be transferred to a third party after paging while speaking.
- 17) Group Hunting
When the first called party in a group is busy, the call is automatically transferred to the next stations.
- 18) Secretary Transfer
Calls to an "Executive" may be automatically transferred to a "Secretary".
- 19) Call Forwarding
Calls to stations are automatically transferred to any other designated station.
- 20) Priority
When the party called is busy, by just sending priority tone conversation is available if response is given, holding the original conversation.
- 21) Executive Priority
When the party called is busy, the caller can break in on the called party without the response, holding the original conversation.
- 22) Selection of Dial Operation
 - ① Numbering Schedules
2 or 3 digit dialing from 4 different kinds of number schedules may be selected according to the number of stations and the presence of personal numbers.
 - ② Selectable Function Code
Function operation will be □+□ (Function key) when changing to 2-digit station numbers or other station numbers than the standard 3-digit series.

- ③ Paging Response
Paging response may be made either by pressing the "Zone No.", or [Simply pressing ([]) []].
- ④ General Purpose Control
Dial digit numbers change the output numbers.

- 23) Programmable Station Numbering
The system has programmable station numbers up to No. 999 (99) rather than only the normal hardwired station numbers.
- 24) Group Blocking (Restricted Dialing)
Stations can be blocked into groups which cannot call or page each other unless further programming is done.
- 25) Restricted Access
Stations with access to All-call Paging, Conference and General Purpose Control can be limited.
- 26) Selectable Calling Tone
(Calling Tone/Paging Pre-Announcement Tone)
The time duration of the Calling Tone can be set for "long" (Trill note tone) or "short" (Single note tone) or none. Similarly, Paging Pre-Announcement Tone may be set for "long" (2 sec.) or "short" (1 sec.) or none.
- 27) Time-out of Conversation and Paging Call
A Calling Time Limitation can be set, in case paging and normal calls are to be kept short or where cancelling calls might be forgotten.

3. Optional Functions

- 28) Station Paging and Response (PI-62 Unit is required)
Paging is available through the built-in station speakers. Paging calls can be responded to by the nearest master station.
- 29) Paging Priority and Response (PI-62 Unit is required)
Conversation may be interrupted temporarily to accept the priority station paging.
- 30) Combination Paging and Response
(PI-62 Unit is required)
Combination paging zones which cover 2 or more independent paging zones is allowed in the system.
- 31) PA Paging and Response
(PI-62 Unit and PA System are required)
Paging through PA System and response.
- 32) Emergency All-Call Paging (PI-62 Unit is required)
Top priority of all-call paging is available from one specified station.
- 33) Conference (CL-62 Unit is required)
Conference calls can be made including up to 4 persons.
- 34) Talk-Back
(Talk-Back Unit and PA system are required)
Press-to-talk conversation is done by employing external PA speakers.
- 35) Press-to-Talk Control (PI-62 is required)
The operation of Press-to-Talk activates Relay Outputs, thus controlling Door-Lock and Radio Transmitting Equipment.
- 36) In/Out Annunciation
(Interface for the Indicator Board needs to be made by using Data Transmitter DT E11 and Receiver DR-B61)
In or Out status is annunciated by registration/cancellation of Personal Numbers.

- 37) Destination Annunciation Indication
(Interface for the Indicator Board is to be made by using Data Transmitter DT-E11 and Receiver DR-B61.)
Personal number registered stations are indicated.
- 38) Calling Party Indication [Lamp Type]
(Interface for the Indicator Board is made by using Data Transmitter DT-E11 and Receiver DR-B61)
One lamp for one calling station. This can memorize the station numbers of stations which put through calls to stations in the privacy or busy modes.
- 39) Calling Party Indication [7-SEG Display Type]
(Interface for the Indicator Board is made by using Data Transmitter DT-E11 and Receiver DR-B61)
A numerical type calling party indication panel can be provided at certain specified stations.
- 40) Pager Calling and Response
(Interface is accomplished by using Data Transmitter DT-E11 and Receiver DR-B61)
Pagers with relay input interface can be connected.
- 41) General Purpose Control
(Make the Indicator Board and General Purpose Control Interface by using Data Transmitter DT-E11 and Receiver DR-B61)
Various types of Relay Output modes for control are available. Use as Remote Control for such applications as In/Out Annunciation, Destination Annunciation Indication, VTR and ITV.
- 41) Simplified Paging
Simplified PA paging is possible if an external speaker is connected instead of a station.

Note.

Besides fixed standard functions, there are selectable standard functions and optional functions. Selectable standard functions can be selected by changing over The CP Unit switches and by establishing station No. 200 programming. Optional functions can be made available by using external equipment or additional units.

Station numbering schedule

1. The number of station that can be connected to an exchange varies according to the type of exchange and the number of paging zone.
2. Either 2-digit number or 3-digit number for station numbering schedule is assigned to the system according to "type of dial operation" and use or non-use of Personal Number function.
3. When you wish to sort out and expand station numbering already in use, use "Programmable station number" registered with the "Programmable station numbering" function.

< Quick reference to station numbering schedule >

Type of dial operation		EX-620 (for 128 stations)			EX-610 (for 64 stations)			Programmable station number
Type	Paging Personal No.	Without paging	All-call plus 7 zones	All-call plus 15 zones	Without paging	All-call plus 7 zones	All-call plus 15 zones	
Type 1	With	200 ~ 327 (128)	200 ~ 319 (120)	200 ~ 311 (112)	200 ~ 263 (64)	200 ~ 255 (56)	200 ~ 247 (48)	200 ~ 399
	Without	100 ~ 227 (128)	100~219 (120)	100~211 (112)	100 ~ 163 (64)	100 ~ 155 (56)	100 ~ 147 (48)	100 ~ 399
Type 2	With	200 ~ 327 (128)	200~319 (120)	200 ~ 311 (112)	200 ~ 263 (64)	200 ~ 255 (56)	200 ~ 247 (48)	200 ~ 999
	Without	100 ~ 227 (128)	100 ~ 219 (120)	100 ~ 211 (112)	100 ~ 163 (64)	100 ~ 155 (56)	100 ~ 147 (48)	100 ~ 999
Type 3	With	20 ~ 79 (60)			20 ~ 79 (60)	20 ~ 75 (56)	20 ~ 67 (48)	20 ~ 79
	Without	10 ~ 79 (70)			10 ~ 73 (64)	10~65 (56)	10 ~ 57 (48)	10 ~ 79
Type 4	With	20 ~ 99 (80)			20 ~ 83 (64)	20 ~ 75 (56)	20 ~ 67 (48)	20 ~ 99
	Without	10 ~ 99 (90)			10 ~ 73 (64)	10 ~ 65 (56)	10 ~ 57 (48)	10 ~ 99
Maximum station number		128	120	112	64	56	48	

Note.

1. The number in parenthesis () represents a total number of stations that can be used in the system.
2. Dial Operation Type 1 with Personal Number is the standard numbering schedule.

EXES-6000, CP-62 Selectable Four (4) Types of Dial Operations

Classification	Function		Type 1	Type 2	Type 3	Type 4	Number	
			3-digit dialing, standard	3-digit dialing, Programming Station No.	2-digit dialing, paging mainly	2-digit dialing (90 stations)		
	Numbering Schedules	With Personal No.	200 ~ 327	200 ~ 999	20 ~ 79 (70 stations)	20 ~ 99 (80 stations)		
		Without Personal No.	100 ~ 227	100 ~ 999	10 ~ 79 (60 stations)	*0 ~ 99 (90 stations)		
Call	Press-to-talk		PTT Symplex <input type="checkbox"/> Duplex	PTT Symplex <input checked="" type="checkbox"/> Duplex	←	←		
	Remote response		PTT	←	←	←		
	Remote response registration		<input type="checkbox"/> PTT <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> PTT <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> PTT <input checked="" type="checkbox"/> Confirmation tone	←	←	X X X : Station No.
	Continuous calling tone response		1 ~ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> or <input type="checkbox"/>	←	←	←		
	Privacy		PRIVACY <input checked="" type="checkbox"/> ON Privacy off <input type="checkbox"/> ON	←	←	←		
	Secretary transfer		PRIVACY <input checked="" type="checkbox"/> ON Secretary transfer off <input type="checkbox"/> ON	←	←	←		
	Single digit registration		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PTT Registration dials (maximum 4 digits)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PTT Registration dials (maximum 4 digits)	←	←		
	Single digit dialing		<input type="checkbox"/>	←	←	←		
	Personal number registration In/Out annunciation-lamp ON		<input type="checkbox"/> 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	←	←		
	Personal number cancellation In/Out annunciation-lamp OFF		<input type="checkbox"/> 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	←	←		
	Personal number call		1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	←	←	←		
	Personal number paging		1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	←	←	←		
	Conference		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Calling	←	←	X X X : Station No., Personal No., Single digit number
	Call forwarding registration		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Confirmation tone	←	←	X X X : Transferred Station No.
	Conference clear		<input type="checkbox"/>	<input type="checkbox"/>	←	←		
Mic off		7	<input type="checkbox"/> 7	←	←			
Priority/priority response		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Busy tone <input type="checkbox"/> ⇒ Station called <input type="checkbox"/>	←	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Busy tone <input type="checkbox"/> ⇒ Station called <input type="checkbox"/>	←	←	X X X : Station No., Personal No., Single digit number	
Executive priority		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Busy tone <input type="checkbox"/>	←	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Busy tone <input type="checkbox"/>	←	←		
Call transfer		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Call conversation <input type="checkbox"/> Transfer Conversation with original station	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Call conversation <input type="checkbox"/> Transfer Conversation with original station	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Call conversation <input type="checkbox"/> Transfer Conversation with original station	←	←		
Paging	All-call plus 7-zone paging		<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	X : 0 (All-call), 1 ~ 7 (Zone)	
	All-call plus 15-zone paging		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	X X : 00 (All-call), 01 ~ 15 (Zone)	
	Combination paging		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	X : 0 ~ 9 (Combination)	
	All-call response		<input type="checkbox"/> <input type="checkbox"/> or <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> or <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> or <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> or <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
	Zone paging response		<input type="checkbox"/> or <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> or <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> or <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> or <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	X : 1 ~ 7, XX : 01 ~ 15 90 ~ 99	
	Paging transfer		Conversation <input type="checkbox"/> <input checked="" type="checkbox"/> Paging <input type="checkbox"/> Transfer Conversation after response ⇒ <input type="checkbox"/> <input checked="" type="checkbox"/> Conversation with original station	Conversation <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Paging <input type="checkbox"/> Transfer Conversation after response ⇒ <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Conversation with original station	Conversation <input type="checkbox"/> <input checked="" type="checkbox"/> Paging <input type="checkbox"/> Transfer Conversation after response ⇒ <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Conversation with original station	Conversation <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Paging <input type="checkbox"/> Transfer Conversation after response ⇒ <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Conversation with original station	X : 0 ~ 7 (00 ~ 15) 90 ~ 99	
Display and Control (Data Transmitting and Receiving Unit)	One-shot make output		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	←	←	←	X X X : 000 ~ 499 X X : 00 ~ 49	
	Make/break output		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (Make) <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (Break)	←	←	←	X X X : 000 ~ 511 X X : 00 ~ 99	
	8-selectable one-shot make output		<input type="checkbox"/> <input checked="" type="checkbox"/> 7 <input checked="" type="checkbox"/> Y Unit No. Condition No.	←	←	←	X : 1 ~ 9 Y : 1 ~ 8	
	8-selectable output (Decimal output)		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Y Unit No. Condition No.	←	←	←	X : 1 ~ 9 Y : 1 ~ 8.0 (Clear) XX : 01 ~ 64 (0 ~ 9) (01 ~ 99)	
	4 decimal digits output		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Y Y Y Y Unit No. 4-digits	←	←	←	X : 1 ~ 9 Y Y Y Y : 0000 ~ 9999	
	Make output for Pager control		7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	←	←		
	Pocket Pager response		4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	←	←	X X : 00 ~ 99	
	Calling party selection		<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	X X X : Station No.	
Clearing calling party indication		<input type="checkbox"/> <input type="checkbox"/>	←	←	←			

EXES-6000, CP-62 Summary of Dial Operations (Type 1)

• 3-digit dialing, without the function of Programmable station numbering (No. 200 ~ 327 (100 ~ 227)) (CP-62 Standard)

Classification	Function	Dial operation	Number	Description
Call	Press-to-talk	Simplex Duplex		Conversation is simplex when PTT bar is used.
	Remote response			When a station is called by continuous calling tone, near station in the groups can respond the call instead of the called station.
	Remote response registration	Confirmation tone	X X X : Station No.	Group registration of stations can be made from each station.
	Continuous calling tone response	~ , , or		Called party touches one of these keys then conversation may begin.
	Privacy	PRIVACY ON Privacy off ON		When a party does not wish to accept incoming calls, set the Privacy Switch in the ON position.
	Secretary transfer	PRIVACY ON Secretary transfer off ON		This function allows for automatic transfer of calls to a secretary when desired.
	Single digit registration	. . () Registration dials (maximum 4 digits)		This function allows for single digit registration of up to 4 digits among the numbers 0 through 9 and the key.
	Single digit dialing			Registered dial code may be automatically dialed.
	Personal number registration In/Out annunciation-lamp ON	Confirmation tone	1 X X X : 1000 ~ 1499	Personal number may be registered at any master station which the person to whom the number is assigned expects to be.
	Personal number cancellation In/Out annunciation-lamp OFF	Confirmation tone		When anyone having a personal number leaves the office he merely cancels the programming of his personal number.
	Personal number call Personal number paging			A personal number dialing enables the station call or zone paging for a person having the personal number.
	Conference	Calling Calling	X X X : Station No., Personal No., Single digit number	A conference call may be made with up to 4 persons. Participants must be called individually.
	Call forwarding registration	Confirmation tone	X X X : Transferred Station No.	This function allows for automatic transfer of call to another station which number is registered already.
	Conference clear			If a person called into a conference is absent, the conference may be returned to the original condition.
	Mic off			This function is used to temporarily hold a conversation, causing a holding tone to sound at both stations. The line is thus kept open until the party who operates the mic off switch re-dials and the call is continued.
	Priority/priority response	Busy tone ⇒ Station called	X X X : Station No., Personal No., Single digit number	When the called party is busy, this function signals to request priority. The party requesting can talk after the called party responds.
	Executive priority	Busy tone		When the called party is busy, this function allows interruption of the existing conversation and immediate direct contact with the called party.
	Call transfer	Call conversation ⇒ Transfer ⇨ Conversation with original station		The called party can transfer the call to a selected other station (by station number, personal number or single digit number).

Classification	Function	Dial operation	Number	Description
Paging	All-call plus 7-zone paging	8X	X : 0 (All-call), 1 ~ 7 (Zone)	Any station can be used to initiate PA or station paging. A person paged can respond from the nearest master station.
	All-call plus 15-zone paging	8XX	X X : 00 (All-call), 01 ~ 15 (Zone)	
	Combination paging	89X	X : 0 ~ 9 (Combination)	Several zones may be paged simultaneously.
	All-call response	•0 or 9(0)0		Response to all-call
	Zone paging response	9 or 9(X)X	X 1 ~ 7 XX: 01 ~ 15 90 ~ 99	Response to zone paging or combination paging.
	Paging transfer	Conversation 8X Paging ↓ Conversation after response ⇒ 9 Transfer • Conversation with original station	X : 0 ~ 7 (00 ~ 15) 90 ~ 99	This function allows a called party to transfer the call to a third party who responds to paging.
Display and Control Data (Transmitting and Receiving Unit)	One-shot make output	•3(X)XX	X X X : 000 ~ 499 X X : 00 ~ 49	One-shot make output of relay may control other equipments such as ITV camera, VTR control, dictating systems, etc.
	Make/break output	•35(X)XX (Make) •36(X)XX (Break)	X X X : 000~511 X X : 00~99	Make/break output of relay may control other equipments.
	8-selectable one-shot make output	•37XY Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8	8-selectable one-shot make is available (VTR control)
	8-selectable output (Decimal output)	•38(X)XY Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8,0 (Clear) X X : 01 ~ 64 (0~9) (01~99)	8 selectable outputs or a decimal output is available (indicating room status and destination).
	4 decimal digits output	•39XYYY Unit No. 4-digits	X : 1 ~ 9 Y Y Y Y : 0000 ~ 9999	4 decimal digits output is indicated.
	Make output for Pager control	7XX	X X : 00 ~ 99	Control the pocket pager by make output of relays.
	Pocket Pager response	4XX		
	Calling party selection	9XXX	X X X : Station No.	When the indication panel shows several incoming calls at the same, the called party may select any of them for response.
Clearing calling party indication	CC		This is used to cancel the calling party indication without conversation.	

EXES-6000, CP-62 Summary of Dial Operations (Type 2)

• 3-digit dialing, with programmable station number function (No. 200(100) ~ 999) (Dial operation is same as CP-63)

Classification	Function	Dial operation	Number	Description
Call	Press-to-talk	Simplex Duplex		Conversation is simplex when PTT bar is used.
	Remote response			When a station is called by continuous calling tone, near station in the groups can respond the call instead of the called station.
	Remote response registration	Confirmation tone	X X X : Station No.	Group registration of stations can be made from each station.
	Continuous calling tone response	~ , , or		Called party touches one of these keys then conversation may begin.
	Privacy	PRIVACY ON Privacy off ON		When a party does not wish to accept incoming calls, set the Privacy Switch in the ON position.
	Secretary transfer	PRIVACY ON Secretary transfer off ON		This function allows for automatic transfer of calls to a secretary when desired.
	Single digit registration	• • () Registration dials (maximum 4 digits)		This function allows for single digit registration of up to 4 digits among the numbers 0 through 9 and the key.
	Single digit dialing			Registered dial code may be automatically dialed.
	Personal number registration In/Out annunciation-lamp ON	Confirmation tone	1 X X X : 1000 ~ 1499	Personal number may be registered at any master station which the person to whom the number is assigned expects to be.
	Personal number cancellation In/Out annunciation-lamp OFF	Confirmation tone		When anyone having a personal number leaves the office he merely cancels the programming of his personal number.
	Personal number call Personal number paging			A personal number dialing enables the station call or zone paging for a person having the personal number.
	Conference	Calling Calling	X X X : Station No., Single digit number	A conference call may be made with up to 4 persons. Participants must be called individually.
	Call forwarding registration	Confirmation tone	X X X : Transferred Station No.	This function allows for automatic transfer of call to another station which number is registered already.
	Conference clear			If a person called into a conference is absent, the conference may be returned to the original condition.
	Mic off			This function is used to temporarily hold a conversation, causing a holding tone to sound at both stations. The line is thus kept open until the party who operates the mic off switch re-dials and the call is continued.
	Priority/priority response	Busy tone → Station called	X X X : Station No., Personal No., Single digit number	When the called party is busy, this function signals to called priority. The party requesting can talk after the called party responds.
	Executive priority	Busy tone		When the called party is busy, this function allows interruption of the existing conversation and immediate direct contact with the called party.
Call transfer	Call conversation → Transfer ↳ Conversation with original station	The called party can transfer the call to a selected other station (by station number, personal number or single digit number).		

Classification	Function	Dial operation	Number	Description
Paging	All-call plus 7-zone paging	• 8 X	X : 0 (All-call), 1 ~ 7 (Zone)	Any station can be used to initiate PA or station paging. A person paged can respond from the nearest master station.
	All-call plus 15-zone paging	• 8 X X	X X : 00 (All-call), 01 ~ 15 (Zone)	
	Combination paging	• 8 9 X	X : 0 ~ 9 (Combination)	Several zones may be paged simultaneously.
	All-call response	• 0 or • 9 (0) 0		Response to all-call
	Zone paging response	• 9 or • 9 (X) X	X : 1 ~ 7, XX : 01 ~ 15 90 ~ 99	Response to zone paging or combination paging.
	Paging transfer	Conversation • 8 X Paging ↓ ↗ C Transfer Conversation after response ⇒ • • Conversation with original station	X : 0 ~ 7 (00 ~ 15) 90 ~ 99	This function allows a called party to transfer the call to a third party who responds to paging.
Display and Control Data Transmitting and Receiving Unit	One-shot make output	• 3 (X) X X	X X X : 000 ~ 499 X X : 00 ~ 49	One-shot make output of relay may control other equipments such as ITV camera, VTR control, dictating systems, etc.
	Make/break output	• 3 5 (X) X X (Make) • 3 6 (X) X X (Break)	X X X : 000 ~ 511 X X : 00 ~ 99	Make/break output of relay may control other equipments.
	8-selectable one-shot make output	• 3 7 X Y Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8	8-selectable one-shot make is available (VTR control)
	8-selectable output (Decimal output)	• 3 8 (X) X Y Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8, 0 (Clear) X X : 01 ~ 64 (0 ~ 9) (01 ~ 99)	8 selectable outputs or a decimal output is available (indicating room status and destination).
	4 decimal digits output	• 3 9 X Y Y Y Y Unit No. 4-digits	X : 1 ~ 9 Y Y Y Y : 0000 ~ 9999	4 decimal digits output is indicated.
	Make output for Pager control	• 7 X X	X X : 00 ~ 99	Control the pocket pager by make output of relays.
	Pocket Pager response	• 4 X X		
	Calling party selection	• 9 X X X	X X X : Station No.	When the indication panel shows several incoming calls at the same, the called party may select any of them for response.
Clearing calling party indication	C C		This is used to cancel the calling party indication without conversation.	

EXES-6000, CP-62 Summary of Dial Operations (Type 3)

• 2-digit dialing and easy paging operation 60 stations (No.20 ~ 79), 70 stations (No. 10 ~ 79))

Classification	Function	Dial operation	Number	Description
Call	Press-to-talk	<input type="checkbox"/> PTT <input type="checkbox"/> Simplex <input type="checkbox"/> <input type="checkbox"/> Duplex		Conversation is simplex when PTT bar is used.
	Remote response	<input type="checkbox"/> PTT		When a station is called by continuous calling tone, near station in the groups can respond the call instead of the called station.
	Remote response registration	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PTT <input type="checkbox"/> <input type="checkbox"/> Confirmation tone	X X : Station No.	Group registration of stations can be made from each station.
	Continuous calling tone response	<input type="checkbox"/> 1 ~ <input type="checkbox"/> 9, <input type="checkbox"/> 0, <input type="checkbox"/> or <input type="checkbox"/> C		Called party touches one of these keys then conversation may begin.
	Privacy	PRIVACY <input type="checkbox"/> ON PRIVACY off <input type="checkbox"/> ON		When a party does not wish to accept incoming calls, set the Privacy Switch in the ON position.
	Secretary transfer	PRIVACY <input type="checkbox"/> ON Secretary transfer off <input type="checkbox"/> ON		This function allows for automatic transfer of calls to a secretary when desired.
	Single digit registration	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (PTT) Registration dials (maximum 4 digits)		This function allows for single digit registration of up to 4 digits among the numbers 0 through 9 and the <input type="checkbox"/> key.
	Single digit dialing	<input type="checkbox"/> 0		Registered dial code may be automatically dialed.
	Personal number registration In/Out annunciation-lamp ON	<input type="checkbox"/> <input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Confirmation tone	1 XXX : 1000 ~ 1499	Personal number may be registered at any master station which the person to whom the number is assigned expects to be.
	Personal number cancellation In/Out annunciation-lamp OFF	<input type="checkbox"/> <input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Confirmation tone		When anyone having a personal number leaves the office he merely cancels the programming of his personal number.
	Personal number call Personal number paging	<input type="checkbox"/> 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		A personal number dialing enables the station call or zone paging for a person having the personal number.
	Conference	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Calling <input type="checkbox"/> <input type="checkbox"/> Calling	X X : Station No., Personal No., Single digit number	A conference call may be made with up to 4 persons. Participants must be called individually.
	Call forwarding registration	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Confirmation tone	X X : Transferred Station No.	This function allows for automatic transfer of call to another station which number is registered already.
	Conference clear	<input type="checkbox"/> <input type="checkbox"/>		If a person called into a conference is absent, the conference may be returned to the original condition.
	Mic off	<input type="checkbox"/> <input type="checkbox"/> 7		This function is used to temporarily hold a conversation, causing a holding tone to sound at both stations. The line is thus kept open until the party who operates the mic off switch re-dials and the call is continued.
	Priority/priority response	<input type="checkbox"/> <input type="checkbox"/> Busy tone <input type="checkbox"/> ⇒ Station called <input type="checkbox"/>	X X : Station No., Personal No., Single digit number	When the called party is busy, this function signals to request priority. The party requesting can talk after the called party responds.
	Executive priority	<input type="checkbox"/> <input type="checkbox"/> Busy tone <input type="checkbox"/>		When the called party is busy, this function allows interruption of the existing conversation and immediate direct contact with the called party.
	Call transfer	<input type="checkbox"/> <input type="checkbox"/> Call conversation ⇒ <input type="checkbox"/> Transfer ⇐ <input type="checkbox"/> <input type="checkbox"/> Conversation with original station		The called party can transfer the call to a selected other station (by station number, personal number or single digit number).

Classification	Function	Dial operation	Number	Description
Paging	All-call plus 7-zone paging	8X	X : 0 (All-call), 1 ~ 7 (Zone)	Any station can be used to initiate PA or station paging. A person paged can respond from the nearest master station.
	All-call plus 15-zone paging	8XX	XX : 00 (All-call), 01 ~ 15 (Zone)	
	Combination paging	89X	X : 0 ~ 9 (Combination)	Several zones may be paged simultaneously.
	All-call response	00 or 9(0)0		Response to all-call
	Zone paging response	9 or 9(X)X	X: 1~7 XX: 01~15 90~99	Response to zone paging or combination paging.
	Paging transfer	Conversation 8X Paging ↓ ⇨ C Transfer Conversation after response ⇒ 00 Conversation with original station	X : 0 ~ 7 (00 ~ 15) 90~99	This function allows a called party to transfer the call to a third party who responds to paging.
Display and Control Data (Transmitting and Receiving Unit)	One-shot make output	03(X)XX	XXX : 000 ~ 499 XX : 00 ~ 49	One-shot make output of relay may control other equipments such as ITV camera, VTR control, dictating systems, etc.
	Make/break output	035(X)XX (Make) 036(X)XX (Break)	XXX : 000 ~ 511 XX : 00 ~ 99	Make/break output of relay may control other equipments.
	8-selectable one-shot make output	037XY Unit No. Condition No.	X : 1~9 Y : 1~8	8-selectable one-shot make is available (VTR control)
	8-selectable output (Decimal output)	038(X)XY Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8,0 (Clear) XX : 01 ~ 64 (0~9) (01~99) (0~9)	8 selectable outputs or a decimal output is available (indicating room status and destination).
	4 decimal digits output	039XYYY Unit No. 4-digits	X : 1 ~ 9 YYY : 0000 ~ 9999	4 decimal digits output is indicated.
	Make output for Pager control	07XX	XX : 00 ~ 99	Control the pocket pager by make output of relays.
	Pocket Pager response	04XX		
	Calling party selection	9XX	XX : Station No.	When the indication panel shows several incoming calls at the same, the called party may select any of them for response.
	Clearing calling party indication	CC		This is used to cancel the calling party indication without conversation.

EXES-6000, CP-62 Summary of Dial Operations (Type 4)

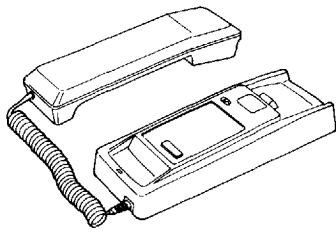
• 2-digit dialing, (80 stations (No. 20 ~ 99), 90 stations (No. 10~99))

Classification	Function	Dial operation	Number	Description
Call	Press-to-talk	Simplex Duplex		Conversation is simplex when PTT bar is used.
	Remote response			When a station is called by continuous calling tone, near station in the groups can respond the call instead of the called station.
	Remote response registration	Confirmation tone	X X : Station No.	Group registration of stations can be made from each station.
	Continuous calling tone response	~ or		Called party touches one of these keys then conversation may begin.
	Privacy	PRIVACY ON Privacy off ON		When a party does not wish to accept incoming calls, set the Privacy Switch in the ON position.
	Secretary transfer	PRIVACY ON Secretary transfer off ON		This function allows for automatic transfer of calls to a secretary when desired.
	Single digit registration	• • () Registration dials (maximum 4 digits)		This function allows for single digit registration of up to 4 digits among the numbers 0 through 9 and the key.
	Single digit dialing			Registered dial code may be automatically dialed.
	Personal number registration In/Out annunciation-lamp ON	Confirmation tone	1 X X X : 1000 ~ 1499	Personal number may be registered at any master station which the person to whom the number is assigned expects to be.
	Personal number cancellation In/Out annunciation-lamp OFF	Confirmation tone		When anyone having a personal number leaves the office he merely cancels the programming of his personal number.
	Personal number call Personal number paging			A personal number dialing enables the station call or zone paging for a person having the personal number.
	Conference	Calling Calling	X X : Station No., Personal No., Single digit number	A conference call may be made with up to 4 persons. Participants must be called individually.
	Call forwarding registration	Confirmation tone	X X : Transferred Station No.	This function allows for automatic transfer of call to another station which number is registered already.
	Conference clear			If a person called into a conference is absent, the conference may be returned to the original condition.
	Mic off			This function is used to temporarily hold a conversation, causing a holding tone to sound at both stations. The line is thus kept open until the party who operates the mic off switch re-dials and the call is continued.
	Priority/priority response	Busy tone : Station called	X X : Station No., Personal No. Single digit number	When the called party is busy, this function signals to request priority. The party requesting can talk after the called party responds.
Executive priority	Busy tone	When the called party is busy, this function allows interruption of the existing conversation and immediate direct contact with the called party.		
Call transfer	Call conversation Transfer Conversation with original station		The called party can transfer the call to a selected other station (by station number, personal number or single digit number).	

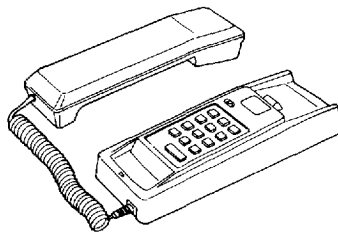
Classification	Function	Dial operation	Number	Description
Paging	All-call plus 7-zone paging	• 8 X	X : 0 (All-call), 1 ~ 7 (Zone)	Any station can be used to initiate PA or station paging. A person paged can respond from the nearest master station.
	All-call plus 15-zone paging	• 8 X X	X X : 00 (All-call), 01~15 (Zone)	
	Combination paging	• 8 9 X	X : 0 ~ 9 (Combination)	Several zones may be paged simultaneously.
	All-call response	• 0 or • 9 (0) 0		Response to all-call
	Zone paging response	• 9 or • 9 (X) X	X : 1 ~ 7 XX: 01 ~ 15 90 ~ 99	Response to zone paging or combination paging.
	Paging transfer	Conversation • 8 X Paging ↓ ↗ C Transfer Conversation after response → • • Conversation with original station	X : 0 ~ 7 (00 ~ 15) 90 ~ 99	This function allows a called party to transfer the call to a third party who responds to paging.
Display and Control (Data Transmitting and Receiving Unit)	One-shot make output	• 3 (X) X X	X X X : 000 ~ 499 X X : 00 ~ 49	One-shot make output of relay may control other equipments such as ITV camera, VTR control, dictating systems, etc.
	Make/break output	• 3 5 (X) X X (Make) • 3 6 (X) X X (Break)	X X X : 000 ~ 511 X X : 00 ~ 99	Make/break output of relay may control other equipments.
	8-selectable one-shot make output	• 3 7 X Y Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8	8-selectable one-shot make is available (VTR control)
	8-selectable output (Decimal output)	• 3 8 (X) X Y Unit No. Condition No.	X : 1 ~ 9 Y : 1 ~ 8,0 (Clear) X X : 01 ~ 64 (0~9) (01~99)	8 selectable outputs or a decimal output is available (indicating room status and destination).
	4 decimal digits output	• 3 9 X Y Y Y Y Unit No. 4-digits	X : 1 ~ 9 Y Y Y Y : 0000 ~ 9999	4 decimal digits output is indicated.
	Make output for Pager control	• 7 X X	X X : 00 ~ 99	Control the pocket pager by make output of relays.
	Pocket Pager response	• 4 X X		
	Calling party selection	• 9 X X	X X : Station No.	When the indication panel shows several incoming calls at the same, the called party may select any of them for response.
Clearing calling party indication	C C		This is used to cancel the calling party indication without conversation.	

Stations

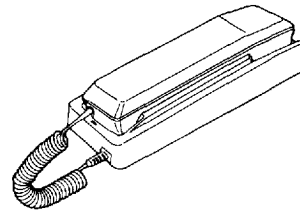
- | | | | |
|----------------------|--|-----------------------|---|
| 1. TL-600M | Desk/Wall-Mounted Handset Master Station | 8. HF-620M | Desk/Wall-Mounted Hands-free Master Station |
| 2. TL-600S | Desk/Wall-Mounted Handset Sub-Station | 9. HF-620S | Desk/Wall-Mounted Hands-free Sub-station |
| 3. HF-660M | Desk/Wall-Mounted Hands-free / Handset Master Station with Auto-Dialer (8 keys — 16 registrations) | 10. HF-630M | Flush-Mounted Hands-free Master Station |
| 4. HF-600M | Desk Hands-free / Handset Master Station | 11. HF-630S | Flush-Mounted Hands-free Sub-station |
| 5. HF-600S | Desk Hands-free / Handset Substation | 12. HF-631M | Flush-Mounted Hands-free Master Station (Stainless steel panel) |
| 6. HF-610M | Flush-Mounted Hands-free / Handset Master Station | 13. HF-631S | Flush-Mounted Hands-free Sub-station (Stainless steel panel) |
| 7. HF-610S | Flush-Mounted Hands-free / Handset Substation | 14. HF-640S | Door Station (Hands-free) |
| | | 15. HF-650M | Surface-Mounted Industrial Master Station (Hands-free) |



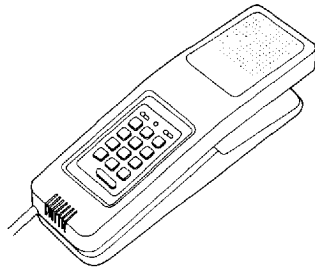
TL-600S



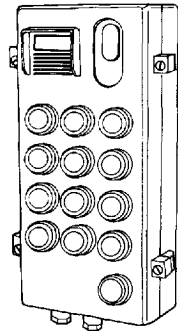
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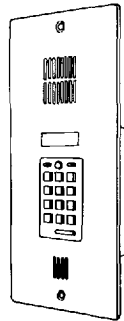
TL-600M/S



HF-600M

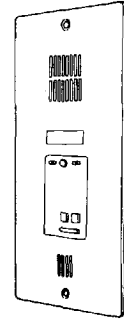


HF-650M



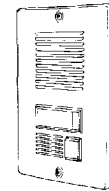
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HF-631M

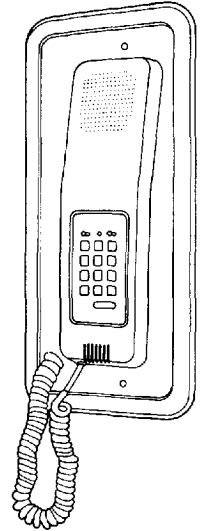


HF-630S

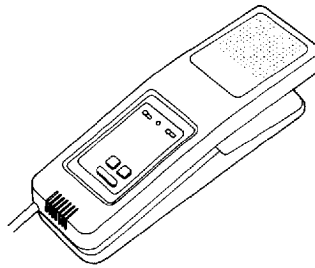
HF-631S



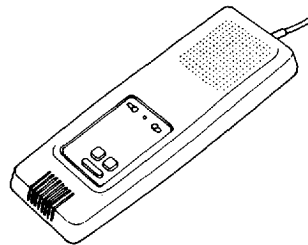
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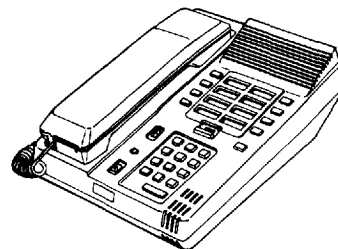
HF-610M



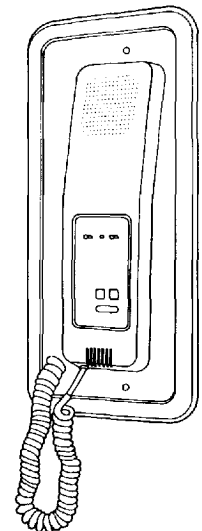
HF-600S



HF-620S



HF-660M



HF-610S

Speech functions

Either "PV" Type (the system with Privacy function) or "NP" Type (Without Privacy function) mode should be selected in the total intercom system.

When Privacy Switch (SW) of station is turned ON, privacy tone is available in "PV" Type system, while continuous calling tone is available in "NP" Type system.

	Functions	System types		Descriptions	Stations		Privacy SW
		PV	NP		Without Privacy SW	With Privacy SW	
Calling	Dialing	<input type="radio"/>	<input type="radio"/>	Calls are made by touching dial. Even if the Privacy SW is on, calling is possible.	HF-650M	HF-660M HF-600M, 610M HF-620M, 630M HF-631M	ON/OFF
	One-Touch Dialing	<input type="radio"/>	<input type="radio"/>	Substations can make a call to designated Master Stations by one-touch dialing. Calling is possible even if the Privacy SW is on.	HF-640S	HF-600S HF-610S, 620S HF-630S, 631S	ON/OFF
	Dialing after Handset is picked up	<input checked="" type="radio"/>	<input type="radio"/>	Calls can be made by touching dial button after picking up handset, and confirming dial tone is heard.	TL-600M	HF-660M HF-600M HF-610M	ON
	Calling by picking up Handset	<input checked="" type="radio"/>	<input type="radio"/>	Substations can make a call to designated Master Stations just by picking up the handset.	TL-600S	HF-600S HF-610S	ON
Voice	Voice Calling	<input type="radio"/>	<input type="radio"/>	When called by continuous calling tone or privacy tone, voice can be sent by pressing (PTT) bar.	All stations except HF-640S		ON/OFF
Receiving	Hands-free Calling and Conversation	<input type="radio"/>	<input type="radio"/>	With touch-dial, after a brief calling tone Hands-free conversation is available.	HF-640S HF-650M	HF-660M HF-600M/S HF-610M/S 620M/S HF-630M/S 631M/S	OFF
	Continuous Calling Tone Response by One-Touch Dialing (No. 200 programming) *1	<input type="radio"/>	<input type="radio"/>	With touch-dial, a continuous calling tone is sent. Hands-free Conversation is available when called party depresses, the [□]~[□], [□] or [□] key	HF-640S HF-650M	HF-660M HF-600M/S HF-610M/S 620M/S 630M/S 631M/S	OFF
	Privacy	<input type="radio"/>	<input checked="" type="radio"/>	When calls are unwanted, turn ON Privacy SW. Then, a brief privacy tone sounds when called. By turning off Privacy SW or touching any key ([□]~[□], [□], [□] key) or picking up a handset, conversation becomes available.	—	HF-660M HF-600M/S HF-610M/S HF-620M/S HF-630M/S HF-631M/S	ON
	Continuous Calling Tone-Picking up Response (in Privacy Mode)	<input checked="" type="radio"/>	<input type="radio"/>	When called by Continuous Calling Tone, conversation is possible by picking up handset.	TL-600M/S	HF-660M HF-600M/S HF-610M/S	ON
	Continuous Calling Tone-One-Touch Response (in Privacy Mode)	<input checked="" type="radio"/>	<input type="radio"/>	Calls can be made just by touching the [□]~[□], [□] or [□] key. Without picking up handset when called by Continuous Calling Tone.	—	HF-660M HF-600M/S HF-610M/S	ON
Speech Methods	Voice Switch Conversation	<input type="radio"/>	<input type="radio"/>	Voice switch conversation is available automatically, when two parties speak in hands-free mode.	HF-640S HF-650M	HF-660M HF-600M/S 610M/S HF-620M/S HF-630M/S 631M/S	ON/OFF
	Simplex Conversation by Press-to-Talk key	<input type="radio"/>	<input type="radio"/>	One-way conversation is available by a party who presses (PTT)	HF-640S HF-650M	HF-660M HF-600M/S HF-610M/S HF-620M/S HF-630M/S 631M/S	ON/OFF
	Full Duplex Conversation	<input type="radio"/>	<input type="radio"/>	Full duplex conversation is available when one or two parties are speaking using a handset.	TL-600M/S HF-640S HF-650M	HF-660M HF-600M/S 610M/S HF-620M/S 630M/S HF-631M/S	ON/OFF

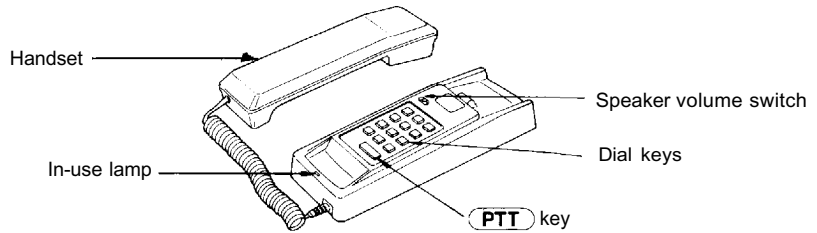
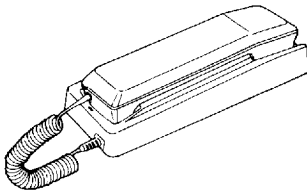
*1 This function may be employed for the industrial type of station (Model HF-650M) or in the "PV" type system that needs to be continuously called.

Station operation

1. Handset Master Station


Model TL-600M

NP Type



< Making a call >

1. Pick up the handset and touch dial the station number of the party you wish to talk to after hearing dial tone.
2. Start conversation after the calling tone stops.
3. When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting without hanging up the handset. As soon as the line becomes free, your call is automatically connected.
4. While the continuous calling tone is sent, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.

5. Hang up the handset or depress the  key to terminate the conversation.

< Responding to a call >

6. When you are called by the continuous calling tone or paged through your station speaker, respond to the call by picking up the handset.

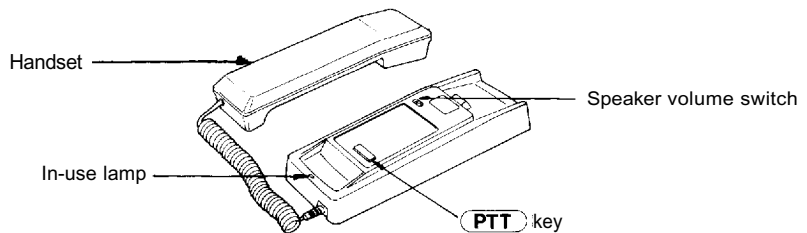
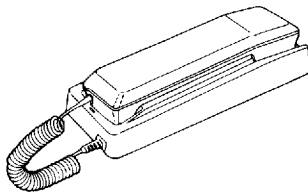
Note.

The sound volume of the calling tone may be adjusted by means of a 2-stage volume selector (SP. VOL) switch.

2. Handset Substation

Model TL-600S

NP Type



< Making a call >

1. Picking up the handset makes a call to the designated other station.
2. Start conversation after the calling tone stops.
3. When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting without hanging up the handset. As soon as the line becomes free, your call is automatically connected.
4. While the continuous calling tone is sent, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.

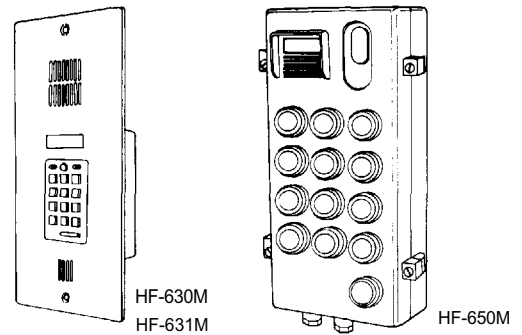
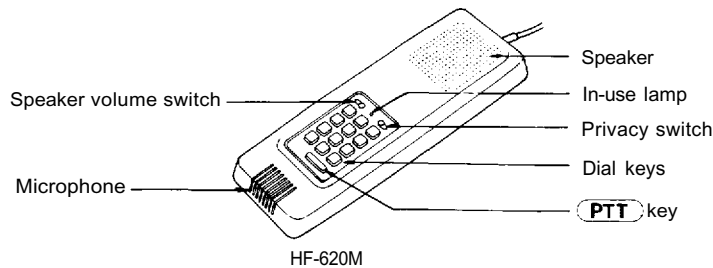
5. Hang up the handset to terminate the conversation.

< Responding to a call >

6. When you are called by the continuous calling tone or paged through your station speaker, respond to the call by picking up the handset.

Note.

The sound volume of the calling tone may be adjusted by means of a 2-stage volume selector (SP. VOL) switch.



< Making a call >

1. Touch dial the station number you wish to call, regardless of whether the Privacy switch of your station is in the ON position or OFF position.
2. Start conversation after the calling tone stops.
3. When the line is busy, a busy tone is heard and you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
4. During a call attempt made by means of the continuous calling tone or the Privacy tone, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
5. When the party you call is in a high noise level area, your continuously depressing the **PTT** key allows one-way conversation to that party. As long as you depress the **PTT** key, your voice has dominance and releasing the **PTT** key will reverse the one-way conversation from that party to you.
6. To terminate the conversation, depress the **□** key.

< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

7. Respond to the call after the calling tone stops .

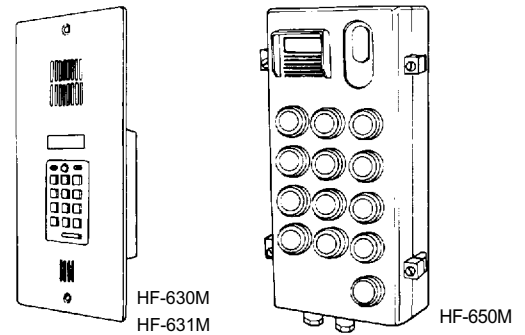
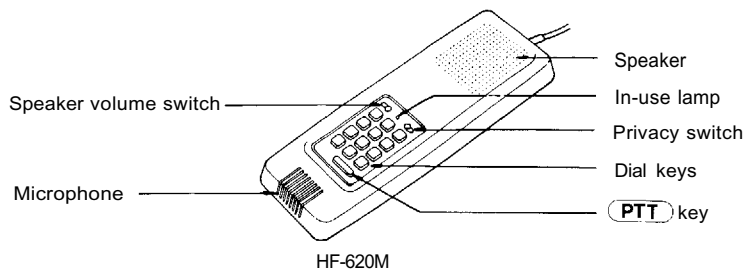
[In the case that the Privacy switch is in the ON position.]

8. A brief Privacy tone sounds from your station each time there is an incoming call and all incoming calls are refused.


To respond touch dial any key (1~9, *, 0) other than the **PTT** key while the line is connected between you and the calling party.

Note.

1. The sound volume of the speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.
2. With no speaker built inside, the HF-650M needs to be connected to a separate speaker. Also, the HF-650M is fitted with no Privacy switch.



< Making a call >






1. Touch dial the station number you wish to call, regardless of whether the Privacy switch of your station is in the ON position or OFF position.
2. Start conversation after the calling tone stops.
3. When the line is busy, a busy tone is heard and you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
4. During a call attempt made by means of the continuous calling tone, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
5. When the party you call is in a high noise level area, your continuously depressing the **PTT** key allows one-way conversation to that party. As long as you depress the **PTT** key, your voice has dominance and releasing the **PTT** key will reverse the one-way conversation from that party to you.
6. To terminate the conversation, depress the  key.

< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

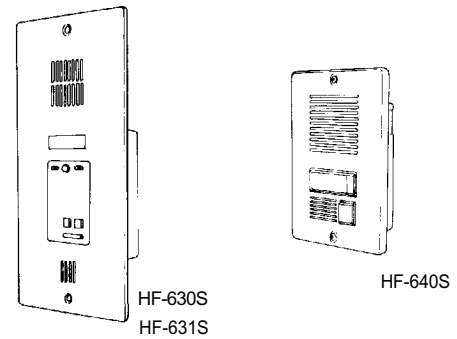
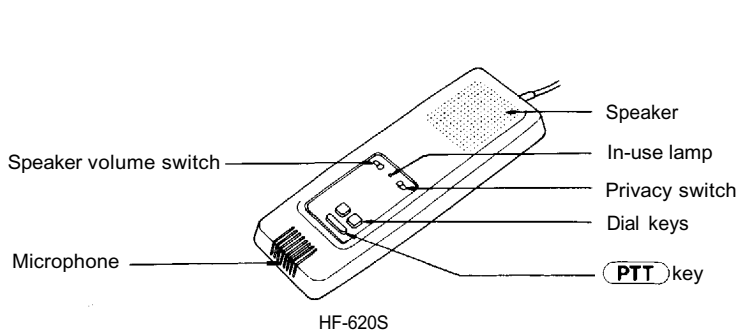
7. Respond to the call after the calling tone stops .

[In the case that the Privacy switch is in the ON position.]

8. The continuous calling tone function is made available to any station if its Privacy switch is placed in the ON position. Depressing any key ( ~ , , , ) other than the **PTT** key causes the continuous calling tone to stop and puts the station in the conversation mode.

Note.

1. The sound volume of the speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.
2. With no speaker built inside, the HF-650M needs to be connected to a separate speaker. Also, the HF-650M is fitted with no Privacy switch.



< Making a call >

1. Touching the key makes a call to the designated other station whether the Privacy switch on your station is in the ON position or OFF position.
2. Start conversation after the calling tone stops.
3. When the line is busy, a busy tone is heard and you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
4. During a call attempt made by means of the continuous calling tone or the Privacy tone, you can break in on the calling tone by continuously depressing the key to make a voice call through the station speaker of the called party.
5. When the party you call is in a high noise level area, your continuously depressing the key allows one-way conversation to that party. As long as you depress the key, your voice has dominance and releasing the key will reverse the one-way conversation from that party to you.
6. To terminate the conversation, depress the key.

< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

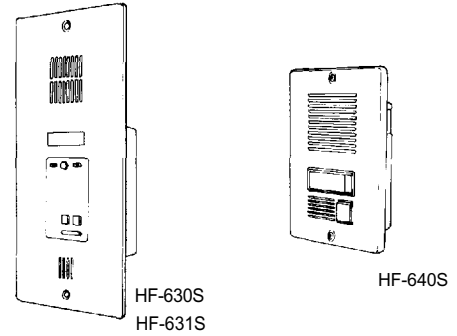
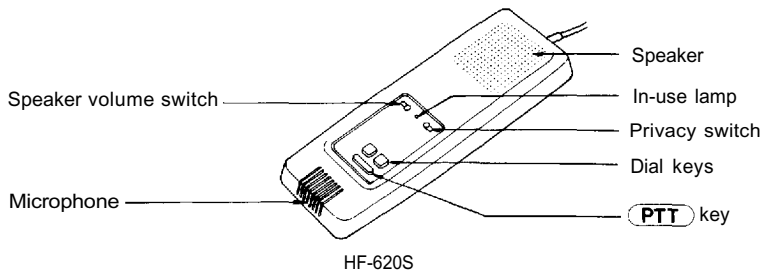
7. Respond to the call after the calling tone stops .

[In the case that the Privacy switch is in the ON position.]

8. A brief Privacy tone sounds from your station each time there is an incoming call, and all incoming calls are refused.
To respond, touch dial the or key while the line is connected between you and the calling party.

Note.

1. The sound volume of the speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.
2. The HF-640S is fitted with no Privacy switch, nor key, nor key.



< Making a call >

1. Touching the key makes a call to the designated other station whether the Privacy switch on your station is in the ON position or OFF position.
2. Start conversation after the calling tone stops.
3. When the line is busy, a busy tone is heard and you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
4. During a call attempt made by means of the continuous calling tone, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
5. When the party you call is in a high noise level area, your continuously depressing the **PTT** key allows one-way conversation to that party. As long as you depress the **PTT** key, your voice has dominance and releasing the **PTT** key will reverse the one-way conversation from that party to you.
6. To terminate the conversation, depress the key.

< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

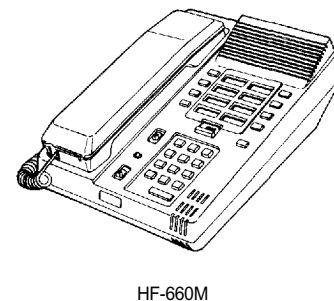
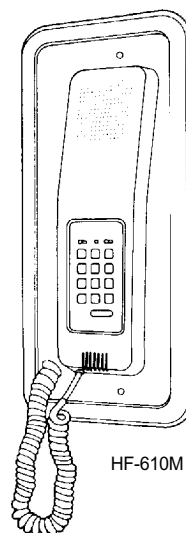
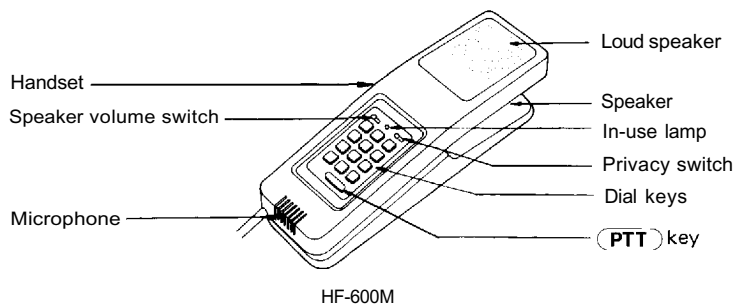
7. Respond to the call after the calling tone stops.

[In the case that the Privacy switch is in the ON position.]


8. The continuous calling tone function is made available to any station when its Privacy switch is in the ON position. Depressing the or key makes the continuous calling tone stop and puts the station in the conversation mode.

Note.

1. The sound volume of the speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.
2. The HF-640S is fitted with no Privacy switch, nor key, nor **PTT** key.



< Making a call >

1. Hands-free conversation may be made by simply touch dialing the station number you wish to call.
2. When you wish to use the handset, pick it up, then touch dial the station number you wish to call, or reverse the order.
3. Start conversation after the calling tone stops.
4. When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
5. In the event that the party you are calling does not respond and the continuous calling tone is still heard from your station, or when the station of that party is in the Privacy mode and the Privacy tone is sounded, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
6. During hands-free conversation, when the person you are talking to is in a high noise level area,
 - (1) Pick up the handset to talk or (2) depress the **PTT** key continuously for one-way conversation to that party. As long as the **PTT** key is depressed, your voice has dominance, and releasing the **PTT** key will reverse the one-way conversation from that party to you.
7. To terminate the conversation, hang up the handset or depress the  key.






< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

8. Respond to call after the calling tone stops.

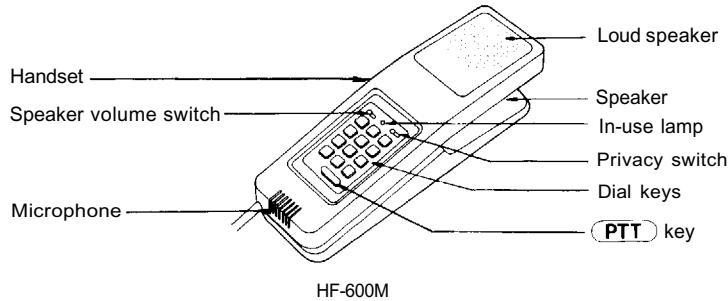
[In the case that the Privacy switch is in the ON position.]

9. A brief Privacy tone will sound from your station each time it receives an incoming call and all incoming calls are refused.

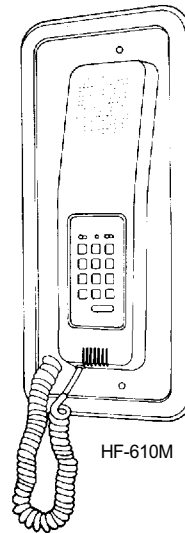
To respond, depress any key ( ~ , , , ) other than the **PTT** key or pick up the handset while the line is still connected between your station and the calling station. These 2 busy stations are, however, automatically disconnected from the speech path after approximately 10 seconds from call establishment if no response is made by you.

Note.

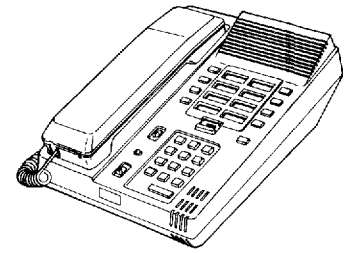
The sound volume of the loud speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.



HF-600M



HF-610M



HF-660M

< Making a call >

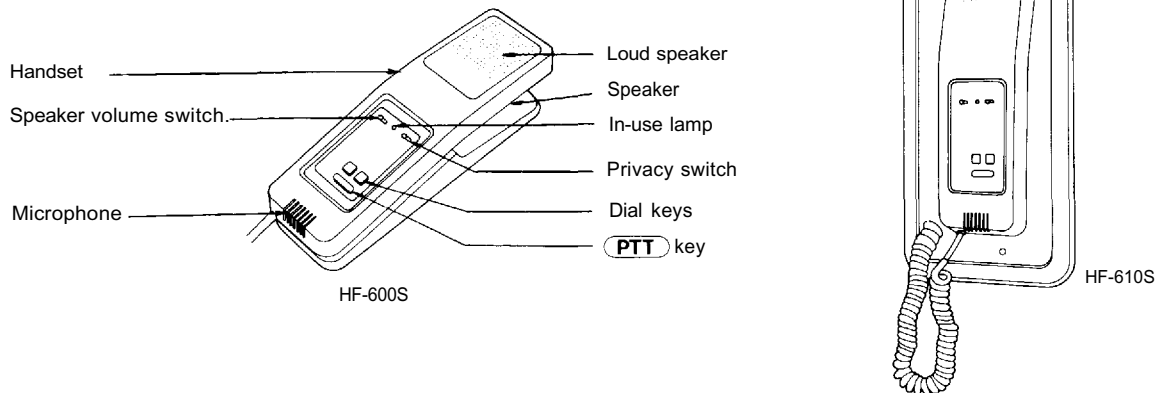
- Hands-free conversation may be made by simply touch dialing the station number you wish to call.
- When you wish to use the handset, pick it up, then touch dial the station number you wish to call, or reverse the order.
- Start conversation after the calling tone stops.
- When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
- In the event that the party you are calling does not respond and the continuous calling tone is still heard from your station, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
- During hands-free conversation, when the person you are talking to is in a high noise level area,
 - Pick up the handset to talk or
 - depress the **PTT** key continuously for one-way conversation to that party. As long as the **PTT** key is depressed, your voice has dominance, and releasing the **PTT** key will reverse the one-way conversation from that party to you.
- To terminate the conversation, hang up the handset or depress the **□** key.

< Responding to a call >




- [In the case that the Privacy switch is in the OFF position.]
- Respond to call after the calling tone stops.
- [In the case that the Privacy switch is in the ON position.]
- The continuous calling tone function is made available to any station when its Privacy switch is in the ON position. Depressing any key (**1**~**9** , **□** , **▪** or **◻**) other than the **PTT** key or picking up the handset of the station called causes the continuous calling tone to stop and puts the station in the conversation mode.

Note.

The sound volume of the loud speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.





< Making a call >

1. For hands-free conversation, touching the  key makes a call to the designated other station whether the Privacy switch on your station is in the ON position or OFF position.
2. When you wish to use the handset, pick it up, then touch dial the  key to make a call or reverse the order.
3. Start conversation after the calling tone stops.
4. When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
5. In the event that the party you are calling does not respond and the continuous calling tone is still heard from your station, or when the station of that party is in the Privacy mode and the Privacy tone is sounded, you can break in on the calling tone by continuously depressing the **PTT** key to make a voice call through the station speaker of the called party.
6. During hands-free conversation, when the person you are talking to is in a high noise level area,
 - (1) Pick up the handset to talk or (2) depress the **PTT** key continuously for one-way conversation to that party. As long as the **PTT** key is depressed, your voice has dominance, and releasing the **PTT** key will reverse the one-way conversation from that party to you.
7. To terminate the conversation, hang up the handset or depress the  key.

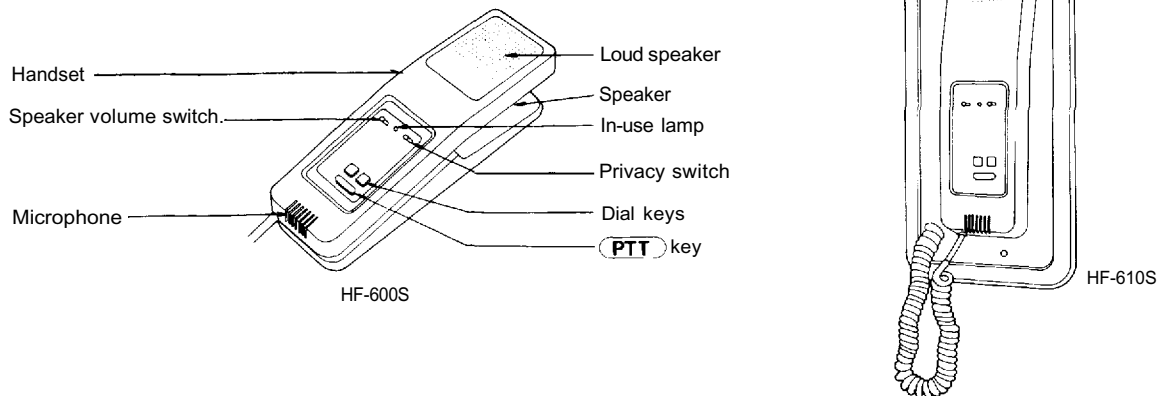
< Responding to a call >

- [In the case that the Privacy switch is in the OFF position.]
8. Respond to call after the calling tone stops.


[In the case that the Privacy switch is in the ON position.]
 9. A brief Privacy tone will sound from your station each time it receives an incoming call and all incoming calls are refused. To respond, depress the  or  key or pick-up the handset while the line is still connected between your station and the station calling. These 2 busy stations are, however, automatically disconnected from the speech path after approximately 10 seconds from call establishment if no response is made by you.

Note.


The sound volume of the loud speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.



< Making a call >






1. For hands-free conversation, touching the  key makes a call to the designated other station whether the Privacy switch on your station is in the ON position or OFF position.

[In the case that the Privacy switch is in the OFF position.]

2. When you wish to use the handset, pick it up, then touch dial the  key to make a call or reverse the order.

[In the case that the Privacy switch is in the ON position.]

3. Picking up the handset makes a call to the designated other station.



-
4. Start conversation after the calling tone stops.
 5. When you hear a busy tone that indicates the party you call is on another line, you can camp on the line by simply waiting. As soon as the line becomes free, your call is automatically connected.
 6. In the event that the party you are calling does not respond and the continuous calling tone is still heard from your station, you can break in on the calling tone by continuously depressing the  key to make a voice call through the station speaker of the called party.
 7. During hands-free conversation, when the person you are talking to is in a high noise level area,
 - (1) Pick up the handset to talk or (2) depress the  key continuously for one-way conversation to that party. As long as the  key is depressed, your voice has dominance, and releasing the  key will reverse the one-way conversation from that party to you.
 8. To terminate the conversation, hang up the handset or depress the  key.

< Responding to a call >

[In the case that the Privacy switch is in the OFF position.]

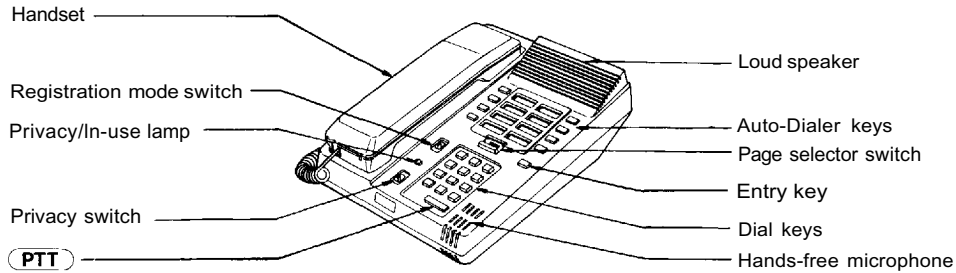
9. Respond to call after the calling tone stops.

[In the case that the Privacy switch is in the ON position.]

10. The continuous calling tone function is made available to any station when its Privacy switch is in the ON position. Depressing the  or  key or picking up the handset of the station called makes the continuous calling tone stop and puts the station in the conversation mode.

Note.

The sound volume of the loud speaker may be adjusted by means of the 2-stage volume selector (VOL) switch.



< Making a call >

1. Place the auto-dialer registration (REGISTER) switch in the OFF position.
2. A maximum of 16 single digit dialing numbers including station numbers, personal numbers and paging zone number may be programmed into the built-in auto-dialer.

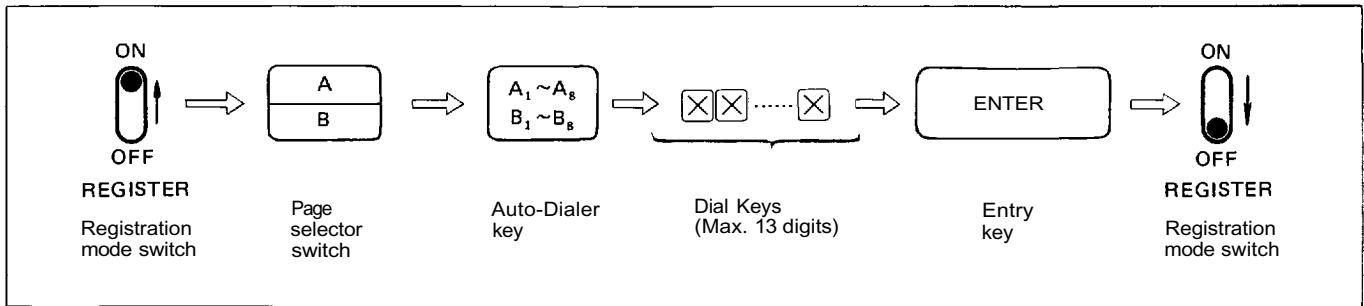
(16 registrations are possible with 8 keys by changing over the Page selector switch)

You can not only call any station by touch dialing the station selector key but also you can make a call to up to 16 specific, pre-registered stations by depressing the station selector key or by single digit dialing the auto-dialer key of this station.

Note.

1. For programming the auto-dialer, please refer to the operation manual of the HF-660M.
2. The sound volume of the calling tone can be adjusted by means of the 3-stage selector (SP VOL) switch.
3. For instructions on how to call and respond without using the auto-dialer, please refer to the information astotheHF-600M/610M.

<How to make Registration at Auto-Dialer>

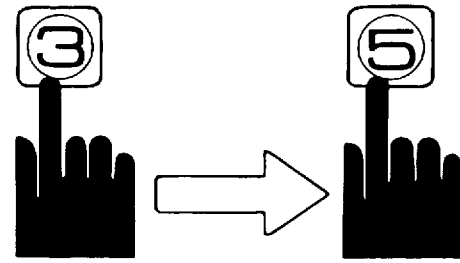


1. Place the registration mode switch ((REGISTER)) in the ON position.
A lamp turns to green and a confirmation tone is heard.
2. Place the page selector switch in either (A) or (B) position.
3. Press any one of the auto-dialer keys ((A₁ ~ A₈, B₁ ~ B₈)), which is to be registered.
4. Register the station or other numbers to be registered by pressing the dial keys ((1 ~ 9, 0, *, C)) A maximum of 13 digits on each auto-dialer key may be registered.
5. Press the entry key ((ENTER)). The confirmation tone is again heard and registration is completed.
6. Repeat the procedures described in (2) through (5) each time registration is made.
7. To cancel the registration, press the auto-dialer key ((A₁ ~ A₈, B₁ ~ B₈)) and the Entry Key ((ENTER)).
8. Place the registration mode switch ((REGISTER)) in the OFF position. The lamp goes out and the normal speech mode will resume,

Automatic Line Release

When, in dialing, all of the numbers are not dialed within 5 seconds, the station is automatically disconnected from the speech path and dialing cannot be completed. In this instance, the dialing process will have to be repeated from the beginning.

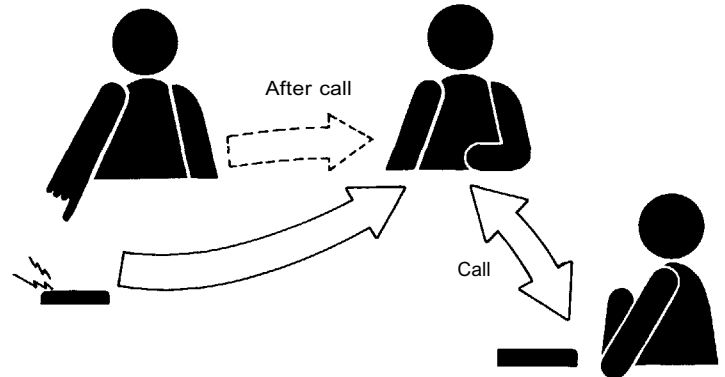
This function has been adopted to speed up traffic processing and to improve the availability of speech path.



Within 5 sec

Camp-On-Busy

When the party you are calling is on another line, by simply waiting you automatically "Camp-On" the line. (Busy tone sounds continuously.) As soon as the line is freed, you will be automatically connected.



Privacy

PV Type

Shift Privacy Switch to ON.



When a party does not wish to accept incoming calls, this function may be employed to refuse them. With the Privacy switch in the ON position, a continuous privacy tone will be sounded in the station making the call, and at the same time, a brief Privacy tone will sound in the station called, indicating a call attempt is being made.

It is possible to call the other party from the station in the Privacy mode but Remote Response (PTT) is impossible from that station.

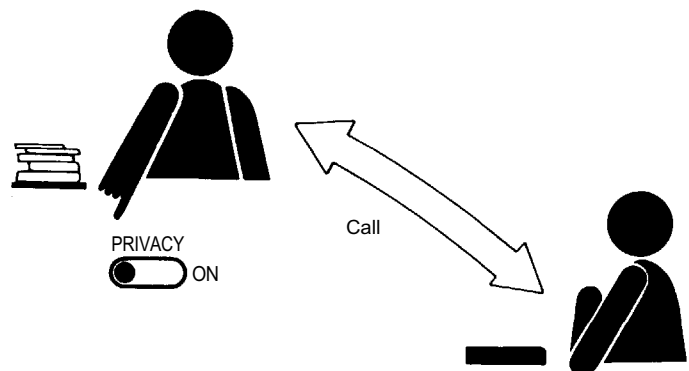
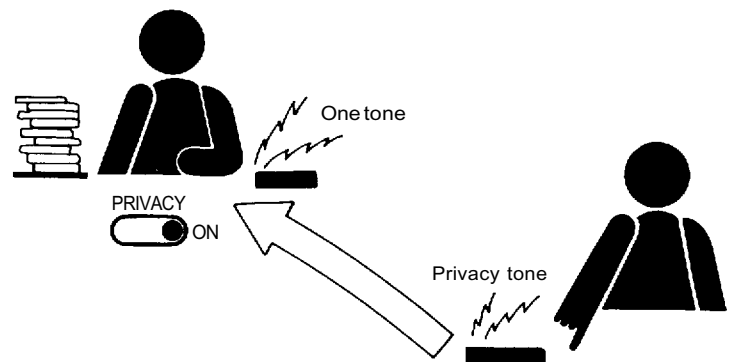
Shift Privacy Switch back to the left.



To restore a station in the "Privacy" mode to a normal condition, and thus ready to receive calls.

- Note: 1. A call received while the station is in the Privacy mode may be accepted if the Privacy function is immediately cancelled, (see Camp-On Privacy)
2. With a station that incorporates the Secretary Transfer function, the Privacy switch is used to activate the Secretary Transfer function, (see Secretary Transfer)
3. During the above "Privacy" mode, while the calling station has the (PTT) bar depressed, the privacy tone stops and the caller can transmit a one way message.

When the (PTT) bar is released, the normal "Privacy" mode to be resumed.

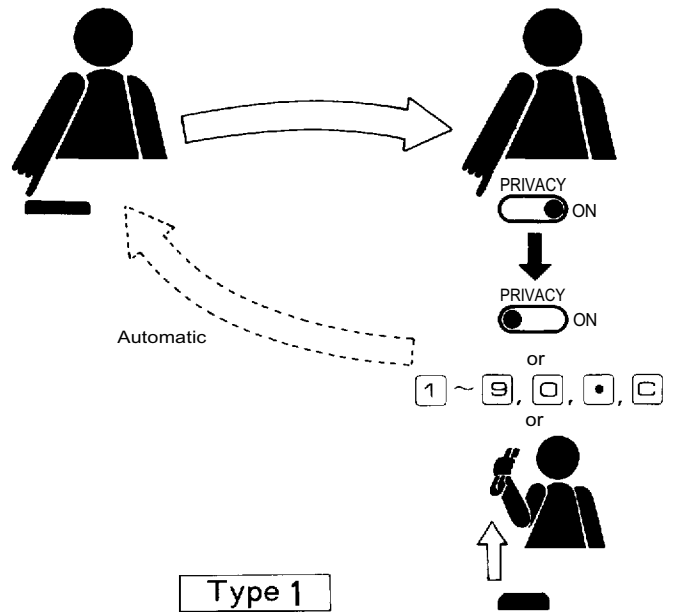


Camp-On Privacy

PV Type

When the party you are calling has his station on Privacy mode, by simply waiting you will automatically "Camp-On" the line. (Privacy tone sounds continuously.) As soon as the Privacy mode is released, or as soon as he one-touch dials any of the keys (1~9, *, #), or as soon as he picks up a handset of his station, you will be automatically connected.

This function is cancelled automatically if the station in the privacy mode may not accept the call within approximately 10 seconds.



Press-To-Talk

This function is activated when the

PTT  (Press-To-Talk Bar)

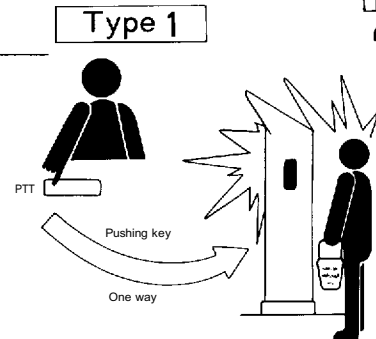
is continuously depressed after dial tone confirmation or during hands-free conversation. This allows one-way conversation from the party depressing the function key. When the key is released, one-way conversation is reversed.

Employed when a person in a high noise level area is called by a person in a quiet area, or when no particular response is required, or when simple announcements are made. In such cases, one-way conversation flow can be used.

One-way conversation is activated while the Press-To-Talk bar is continuously depressed.




As long as the Press-To-Talk bar is depressed by either party, the voice of the party using this function has dominance. When the key is released, the other party has dominance.

One-way conversation is reversed when the Press-To-Talk bar is released.




If both parties depress the Press-To-Talk bar, the voice of the party who depresses the bar last will have dominance.

Depress the

 (or  )

to return to ordinary hands-free 2-way conversation

Note.

One-way conversation is impossible even if the  bar is depressed as far as either party or both parties involved pick up a handset.

Mic Off

Touch dialing of



during a conversation turns off that station's microphone, and a holding tone is heard at both stations involved.

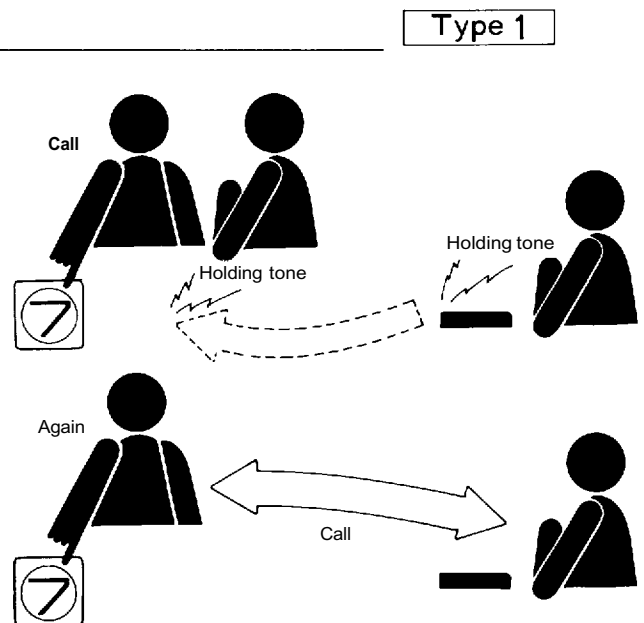
This function is used when for one reason or another it is desirable to stop a conversation temporarily. With this function in use, a holding tone is transmitted to both the calling and the called station while the conversation is interrupted.

Touch dialing



again cancels the Mic-Off function, and the conversation can be resumed.

When it is desirable to resume the conversation interrupted with the Mic-Off function, the function may be cancelled by the Party who operates the Mic-Off.

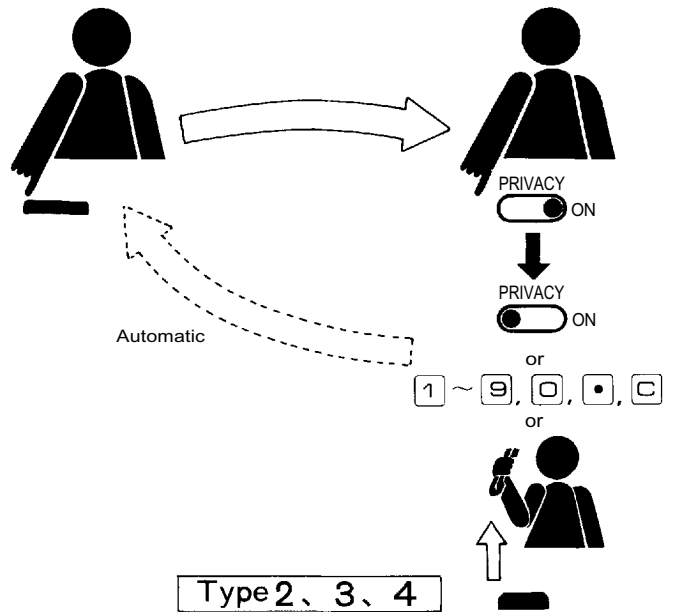


Camp-On Privacy

PV Type

When the party you are calling has his station on Privacy mode, by simply waiting you will automatically "Camp-On" the line. (Privacy tone sounds continuously.) As soon as the Privacy mode is released, or as soon as he one-touch dials any of the keys (1~9, *, #), or as soon as he picks up a handset of his station, you will be automatically connected.

This function is cancelled automatically if the station in the privacy mode may not accept the call within approximately 10 seconds.



Press-To-Talk

This function is activated when the

PTT  (Press-To-Talk Bar)

is continuously depressed after dial tone confirmation or during hands-free conversation. This allows one-way conversation from the party depressing the function key. When the key is released, one-way conversation is reversed.

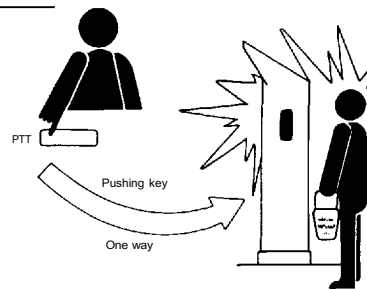
Employed when a person in a high noise level area is called by a person in a quiet area, or when no particular response is required, or when simple announcements are made. In such cases, one-way conversation flow can be used.

One-way conversation is activated while the Press-To-Talk bar is continuously depressed.

As long as the Press-To-Talk bar is depressed by either party, the voice of the party using this function has dominance. When the key is released, the other party has dominance.

One-way conversation is reversed when the Press-To-Talk bar is released.

Type 2、3、4



If both parties depress the Press-To-Talk bar, the voice of the party who depresses the bar last will have dominance.

Depress the



to return to ordinary hands-free 2-way conversation

Note.

One-way conversation is impossible even if the **PTT** bar is depressed as far as either party or both parties involved pick up a handset.

Mic Off

Type 2、3、4

Touch dialing of



during a conversation turns off that station's microphone, and a holding tone is heard at both stations involved.

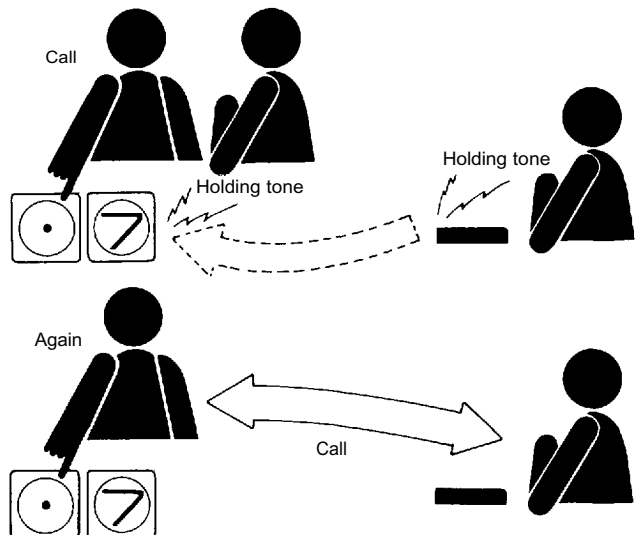
This function is used when for one reason or another it is desirable to stop a conversation temporarily. With this function in use, a holding tone is transmitted to both the calling and the called station while the conversation is interrupted.

Touch dialing



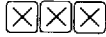
again cancels the Mic-Off function, and the conversation can be resumed.

When it is desirable to resume the conversation interrupted with the Mic-Off function, the function may be cancelled by the Party who operates the Mic-Off.



Talk Back

First, call the "Talk-Back" station as in a normal call.



("Talk-Back" station)

The Calling tone will sound and the message is transmitted.



In this case, while the calling station has the Press-To-Talk bar depressed, the caller can transmit a one-way message.



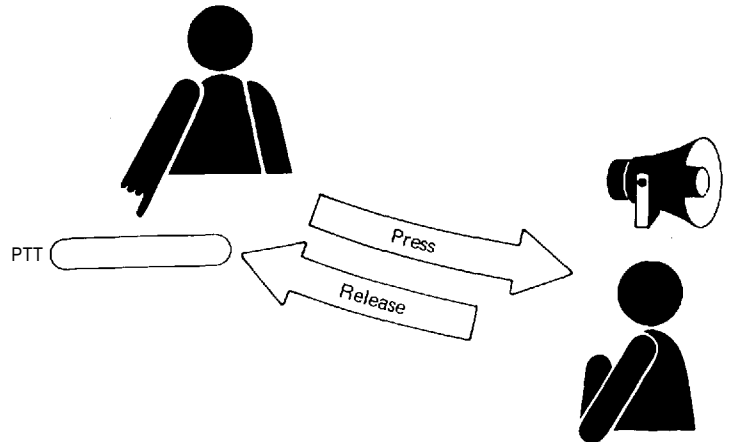
When this bar is released, the "Talk-Back" station can give a one-way message to the caller.

This function is convenient for stations that normally only receive calls and do not have to call other stations.

Calling "Talk-Back" Station



("Talk-Back" Station)



Press-To-Talk Control

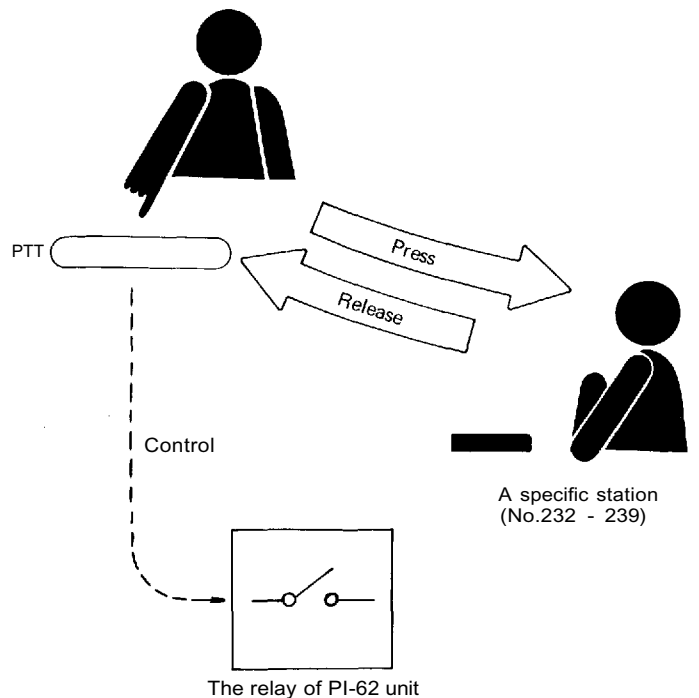
Touch dialing the specific station number.

One way conversation is activated while the Press-To-Talk bar is continuously depressed, same as the Press-To-Talk (selected simplex) function, and a relay is activated with continuous make-contact.

One way conversation is reversed when the Press-To-Talk bar is released, and the relay is activated with break-contact.

Note.

1. Stations No.232 through No.239 (8 stations) are the specific stations.
2. It is possible to use a relay make output for Door Remote or for controlling Radio Transmitting/Receiving Equipment through user provided interface.
3. The relay output of the Paging Interface Unit PI-62 is used for this purpose. Adoption of this function permits the paging of only all-call plus 7 zones (the paging of all-call + 15 zones is impossible.)



Single digit registration

Register in advance as follows:

<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	Confirmation tone	Single digits of station number		
Station number (2 digits for 2-digit dial)				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">1</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	Confirmation tone	Single digit of personal number		
Personal number				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">(X)</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	Confirmation tone	Single digit of paging call		
Paging zone				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">•</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div>	Confirmation tone	Single digit of All-call paging response		
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>			Confirmation tone	
Any four digits				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 2px 10px;">PTT</div>	Confirmation tone		
Any three digits				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 2px 10px;">PTT</div>	Confirmation tone		
Any two digits				

Single digit dialing

When required, dial



and the registered number will be called automatically.

Note:1. Single digit registration can be cancelled by registering your assigned station number.

2. Any function dialing with long operation may be shortened by Single Digit Dialing.

Example: Single digit Combination paging Dial

0

1

, and

8

9

1

 is called automatically.

8

9

1

 Combination paging

|| Single digit



3. One-shot make output may be operated even in the event every link is not free. But it may not be operated in single digit dialing if all links are busy.
4. Single digit registration is not available from any substation programmed by No.200 programming, even if its line is connected with master station.
5. In the event of Dial Operation Type 3, you need not depress the

•

 key for making a paging call.

Single digit registration

Register in advance as follows:

<p>• 6 0 <u>X X X</u> Confirmation tone</p> <p style="margin-left: 40px;">Station number (2 digits for 2-digit dial)</p> <p>• 6 0 <u>1 X X X</u> Confirmation tone</p> <p style="margin-left: 40px;">Personal number</p> <p>• 6 0 • 8 <u>(X) X</u> Confirmation tone</p> <p style="margin-left: 40px;">Paging zone</p> <p>• 6 0 • <u>0</u> Confirmation tone</p> <p>• 6 0 <u>X X X X</u> Confirmation tone</p> <p style="margin-left: 40px;">Any four digits</p> <p>• 6 0 <u>X X X</u> (PTT) Confirmation tone</p> <p style="margin-left: 40px;">Any three digits</p> <p>• 6 0 <u>X X</u> (PTT) Confirmation tone</p> <p style="margin-left: 40px;">Any two digits</p>	<p>Single digits of station number</p> <p>Single digit of personal number</p> <p>Single digit of paging call</p> <p>Single digit of All-call paging response</p>
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Single digit dialing

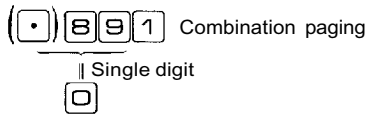
When required, dial



and the registered number will be called automatically.

Note:1. Single digit registration can be cancelled by registering your assigned station number.

2. Any function dialing with long operation may be shortened by Single Digit Dialing.
Example: Single digit Combination paging Dial 0 1, and (•) 8 9 1 is called automatically.



3. One-shot make output may be operated even in the event every link is not free. But it may not be operated in single digit dialing if all links are busy.
4. Single digit registration is not available from any substation programmed by No.200 programming, even if its line is connected with master station.
5. In the event of Dial Operation Type 3, you need not depress the key for making a paging call.

Master Sub Relationship

Master/Substation associations are set up by using station #200 as the programming station. Once these relationships have been established, substations can then contact their designated master stations by simply touch dialing



If TL-600S Handset substation is used, substations can be connected to their designated master stations by simply picking up a handset. (Only applicable to NP Type system)

With respect to this function, the stations in the system are divided into two categories; master stations and substations. Any master station can be connected to any other station in the system. However, substations can initiate calls only to specific master stations. This is done by single touch dialing, and will only connect the substation to one specific master.

Several substations can be programmed under this station to connect with a single specified master station.

To register single digit dialing, touch dial



substation number

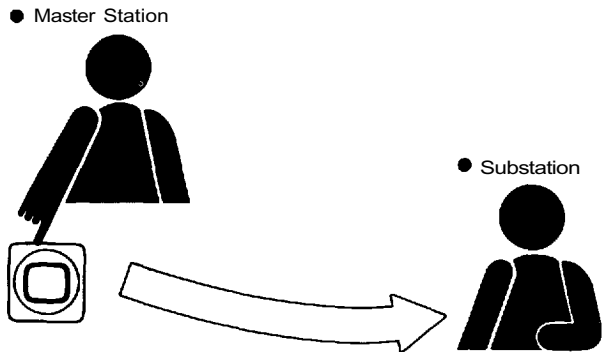
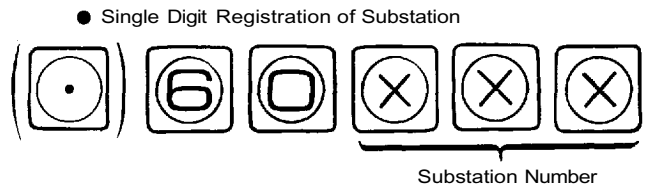
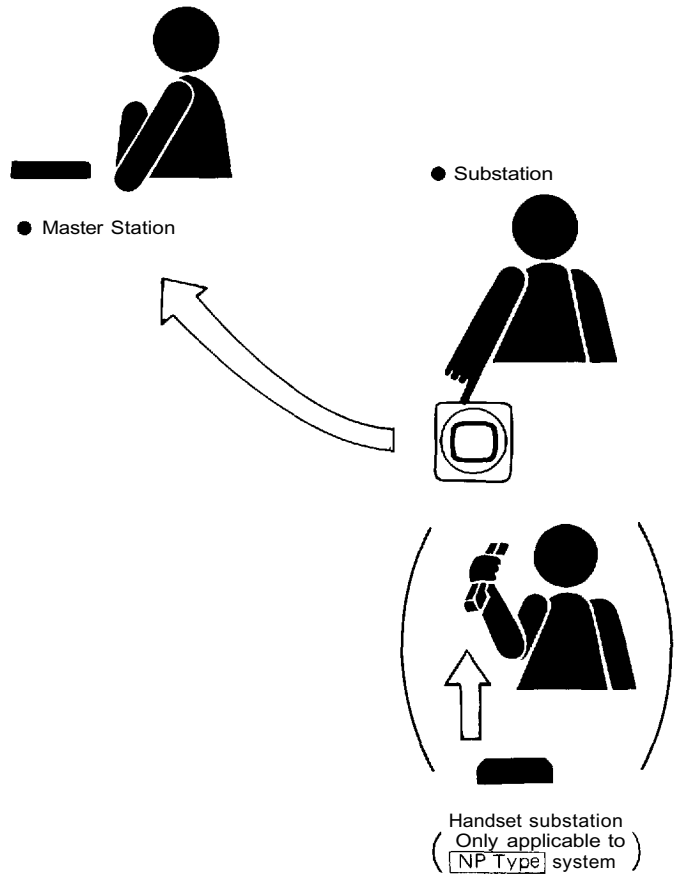
Single digit dialing from that master to a specific substation is then accomplished by touch dialing



Programming a master station for Single Digit Dialing of a substation number under this function is programmed in the same manner as other single digit dialing, and results in one touch dialing from master to substation.

Note.

In the event of Dial operation Type 1, you need not depress the key for Single Digit Registration.



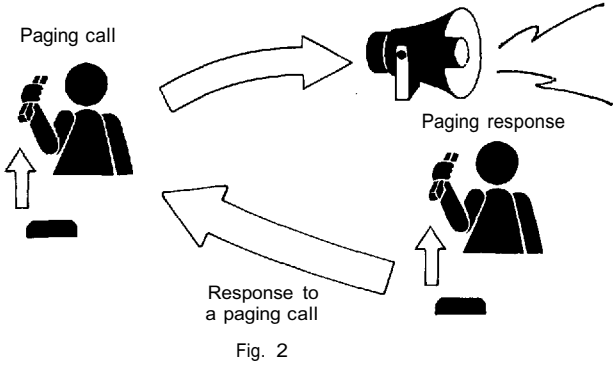
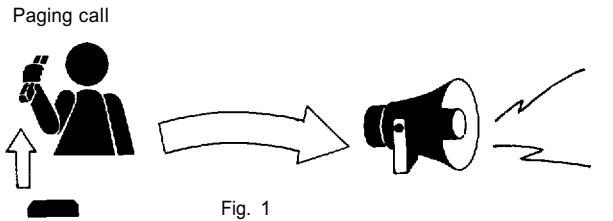
Once programming has been set up for the purpose of this function.

A paging call may be made from specific Handset Substations to the registered zone by simply picking up a handset. Refer to Fig. 1

A specific Handset substations may respond to the paging call by simply picking up a handset. Refer to Fig. 2

Note.

Single digit registration for Handset Substation as well as No.200 programming is required for this function at the time of installation. Refer to EXES-6000 CP-62 Installation Handbook for details.



A personal number may be registered at any master station which the person to whom the number is assigned expects to be. A party wishing to receive personal number calls at a specific station may register his number at that station by touch dialing



Personal Number.

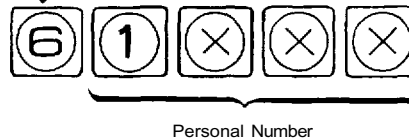
Those who are frequently away from their assigned station, as well as those who share a single station may be assigned a "Personal" 4-digit number which may be programmed to any master station in the system. This personal number, which is completely independent of station numbers, may be programmed at any master station, and any previous programming of that same number at any other station is automatically cancelled. When the party calling has dialed the number to which he wishes to speak, the call is then routed to the station at which the Personal Number was last registered. The numbers which may be assigned in this group are 1000 through 1499.

Personal number program cancellation can be done at any station by merely dialing:

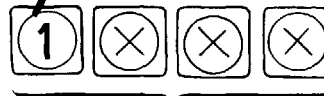
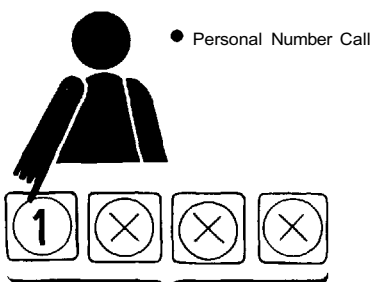


Personal Number

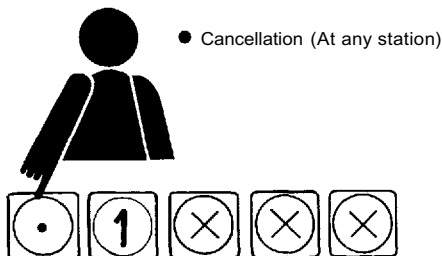
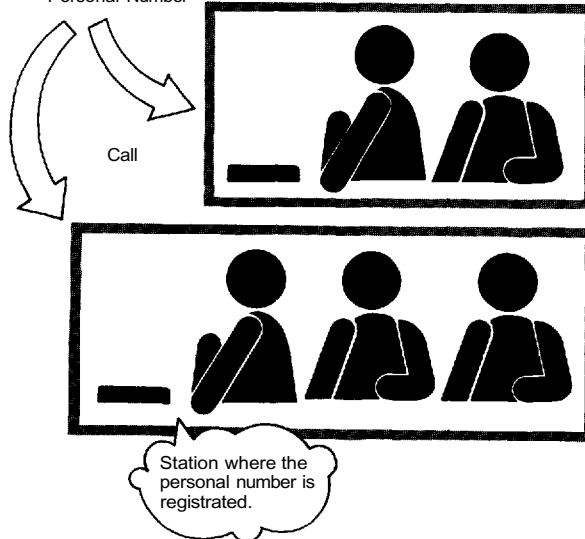
When anyone having a personal number leaves the office, he merely cancels the programming of his personal number. With the personal number cancelled, any incoming calls to that number will be answered by a dial tone, indicating that he is not available.



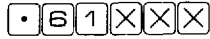
Personal Number



Personal Number



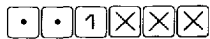
A personal number may be registered at any master station which the person to whom the number is assigned expects to be. A party wishing to receive personal number calls at a specific station may register his number at that station by touch dialing



Personal Number.

Those who are frequently away from their assigned station, as well as those who share a single station may be assigned a "Personal" 4-digit number which may be programmed to any master station in the system. This personal number, which is completely independent of station numbers, may be programmed at any master station, and any previous programming of that same number at any other station is automatically cancelled. When the party calling has dialed the number to which he wishes to speak, the call is then routed to the station at which the Personal Number was last registered. The numbers which may be assigned in this group are 1000 through 1499.

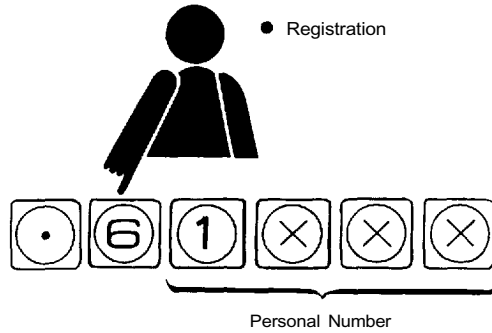
Personal number program cancellation can be done at any station by merely dialing:



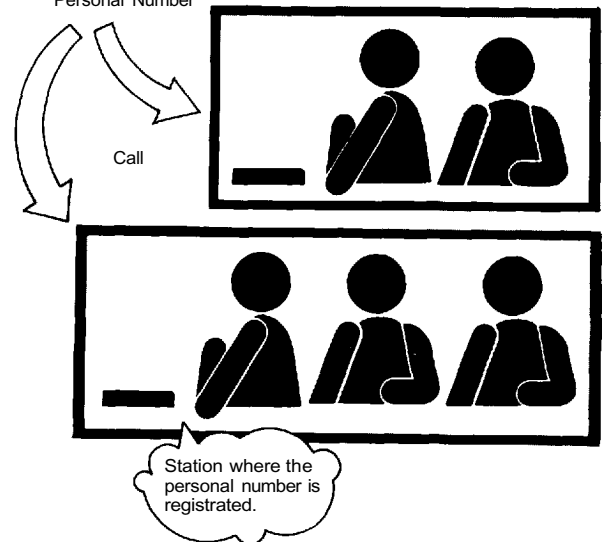
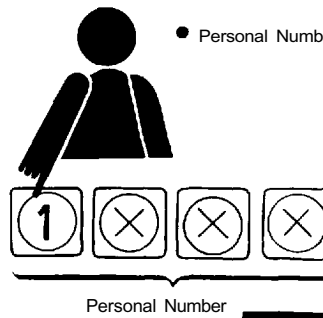
Personal Number

When anyone having a personal number leaves the office, he merely cancels the programming of his personal number. With the personal number cancelled, any incoming calls to that number will be answered by a dial tone, indicating that he is not available.

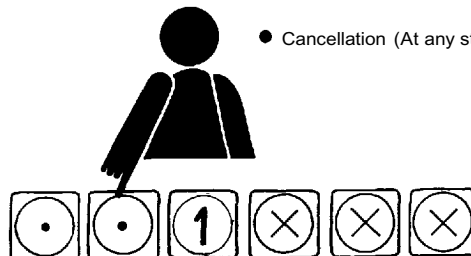
● Registration



● Personal Number Call



● Cancellation (At any station)



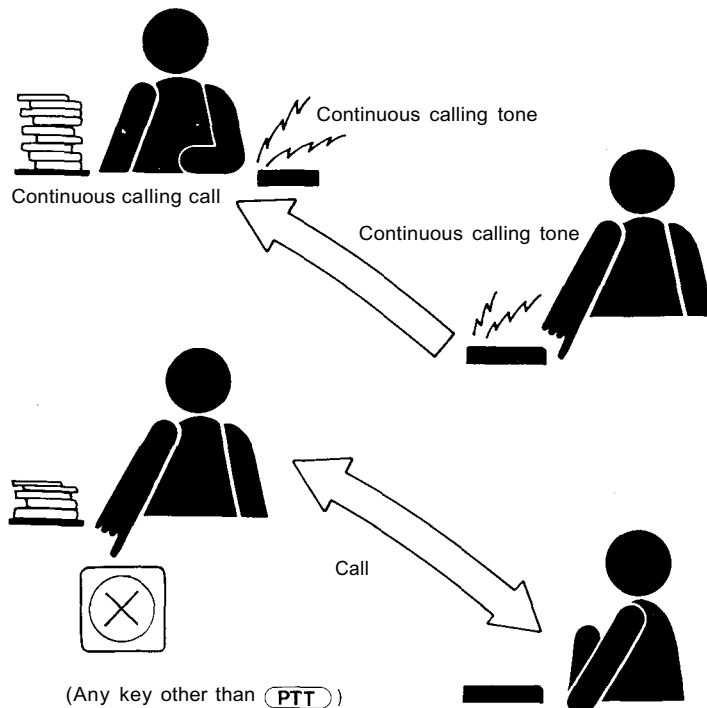
Continuous Calling Tone

When a specified station receives a call, the calling tone continues until



is depressed by this party.

1. When calls cannot be answered immediately or when it is difficult to hear a normal calling tone due to high background noise, the station should be provided with the continuous calling tone function. There is no limit to the number of stations that may be equipped with this function, but a No.200 registration must be completed (refer to Installation Handbook for EXES-6000 CP-62.)
2. When the caller depresses the PTT bar while the continuous calling tone sounds, he can talk to the person called by one-way. When the PTT bar is released, the continuous calling tone returns.
3. During two-way conversation, each party presses the PTT bar to talk and releases the PTT key to receive the other party. (Press to Talk)



Note.

1. In the event of the system without Privacy function (NP Type system), stations with Privacy switch in the ON position are called by a continuous calling tone. By No.200 programming, this continuous calling tone function may also be made available to the system having Privacy function (PV Type system) and to industrial type of station model HF-650M.
2. Two (2) different continuous calling tones may be employed in
 - (1) stations used in "NP" type system having a standard function of "continuous calling tone".
 - (2) specific stations provided with a "continuous calling tone" function by station No. 200 programming.

< Comparison of continuous calling tones >

Type of system	Type of station (Specific station provided with "continuous calling tone" function by station No.200 programming)	Nature of calling tone	
		Privacy switch in OFF position	Privacy switch in ON position
"PV" Type	Non-programmed station (standard)	Single "trill" calling tone (Call is put through immediately after calling tone)	Privacy tone
	Programmed station	Continuous calling tone	Privacy tone
"NP" Type	Non-programmed station (standard)	Single "trill" calling tone (Call is put through immediately after calling tone)	Continuous calling tone
	Programmed station	Continuous calling tone	Continuous calling tone
Responding to a call made by continuous calling tone		Depress any dial key other than PTT key.	1. Depress only dial key other than PTT key. 2. Pick up a handset. 3. Shift Privacy switch to OFF.

Remote Response

Type 1

This feature is available only among stations programmed for this purpose. When a station at which no one is present is called by means of a continuous calling tone, remote response to that call can be made by pressing the (PTT) key from any other station programmed for this function.

Note.

1. This function is only possible when a station is called by a continuous calling tone.
2. When this function is used from a station with the Privacy switch ON, press the (PTT) key, after lifting a station handset or after shifting the Privacy switch to OFF.

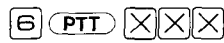
◆ **Programming the remote response group**

Establish the remote response group of stations and designate a specific station within the group as a temporary "Master station" and the rest as "Substations". The Master station registers the number of his own station as follows.



Master's number

Each of "Substation" within the group registers the "Master" 's number by dialing.



Master's number

Note.

Make sure that the temporarily designated master always registers his own station number at time of programming.

◆ **Cancelling remote response program**

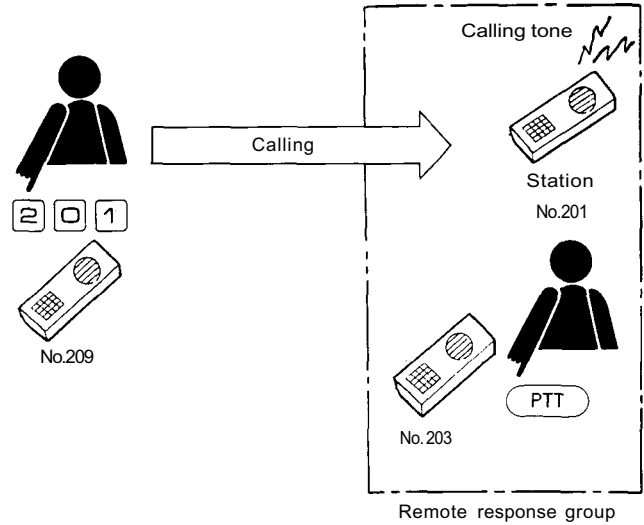
Touch dialing at each "Substation"



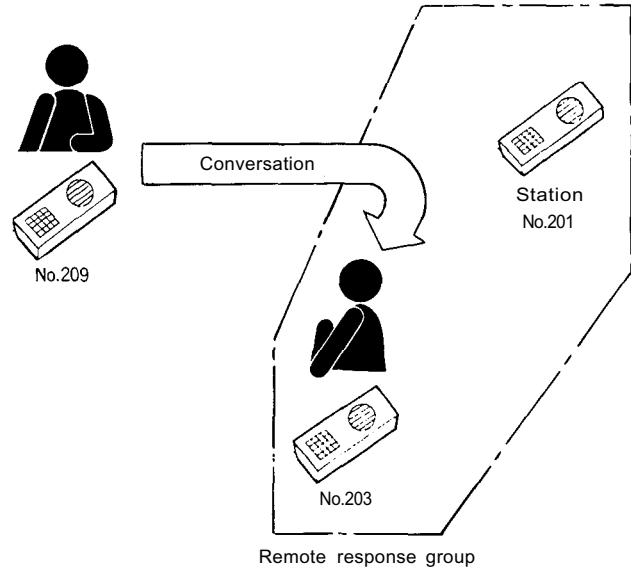
His own Substation number

cancel Is the Remote response program.

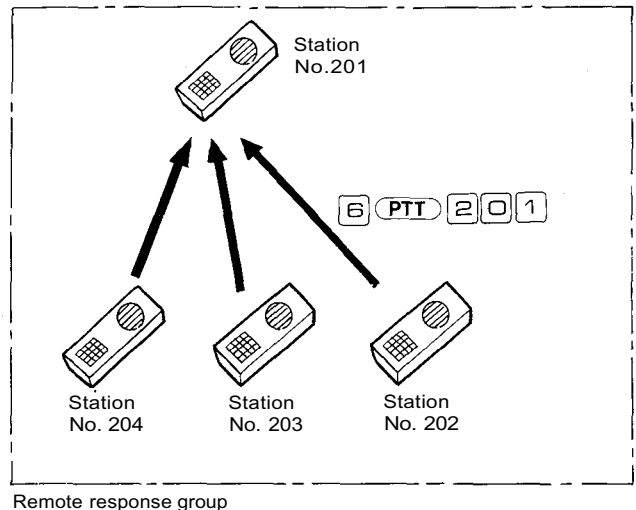
● **Dial operation for Remote response**



● **Conversation after Remote response**



● **Programming the remote response group (Example)**



Remote Response

Type 2、3、4

This feature is available only among stations programmed for this purpose. When a station at which no one is present is called by means of a continuous calling tone, remote response to that call can be made by pressing the (PTT) key from any other station programmed for this function.

Note.

1. This function is only possible when a station is called by a continuous calling tone.
2. When this function is used from a station with the Privacy switch ON, press the (PTT) key, after lifting a station handset or after shifting the Privacy switch to OFF.

◆ Programming the remote response group

Establish the remote response group of stations and designate a specific station within the group as a temporary "Master station" and the rest as "Substations". The Master station registers the number of his own station as follows.



Master's number

Each of "Substation" within the group registers the "Master" 's number by dialing.



Master's number

Note.

Make sure that the temporarily designated master always registers his own station number at time of programming.

◆ Cancelling remote response program

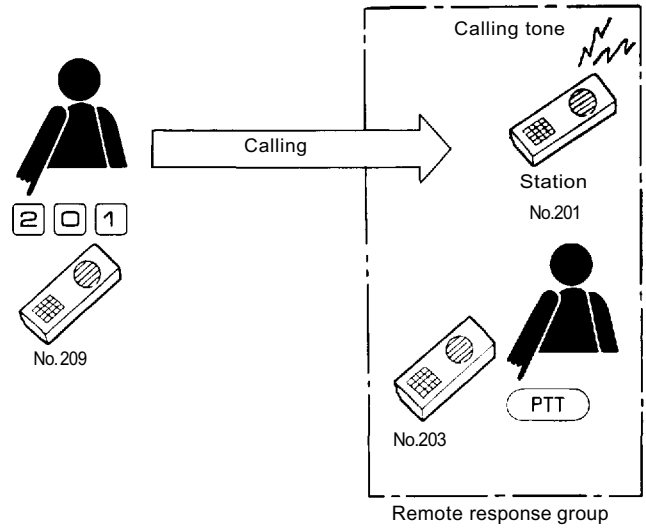
Touch dialing at each "Substation"



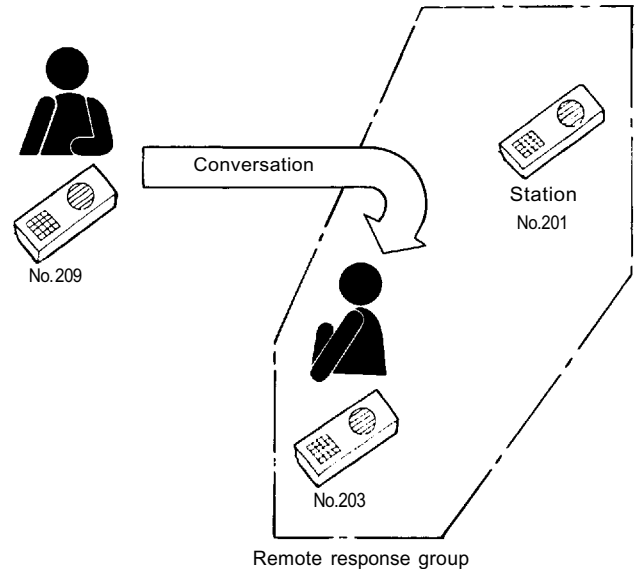
His own Substation number

cancels the Remote response program.

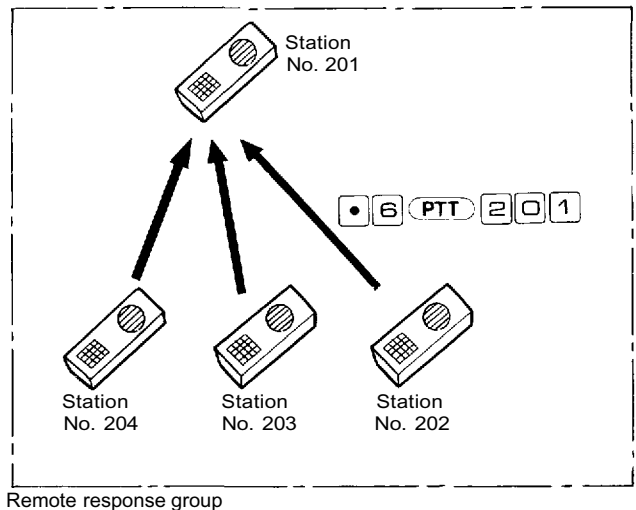
● Dial operation for Remote response



● Conversation after Remote response



● Programming the remote response group (Example)



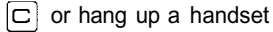
Call Transfer from Called Station

During the conversation, first dial



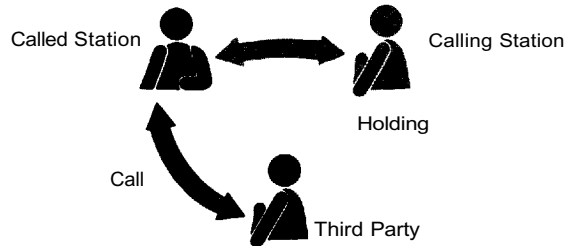
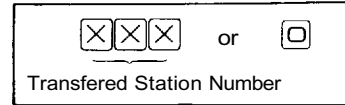
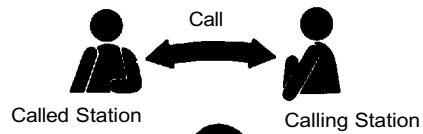
(the Station Number of the person the call is to be transferred to).

The original call is then held and the holding tone is transmitted to the other party, while the third party is called and asked whether he will accept the call. If he agrees to accept the call, dial



and the transfer will be completed.

This function allows called party to transfer that call to another station. The party to whom the call is to be transferred, may be called using either the Station Number, the Personal Number or through Single Digit Dialing.



Call Hold and Call Back from Calling or Called Station

During the conversation, first dial



the Station Number of the third party.

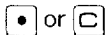
The other party is then placed on hold as the third party is called. Upon completion of the conversation with the third party,

the party called touch dials the



key

or the third party touch dials the



key

or the third party replaces a handset.

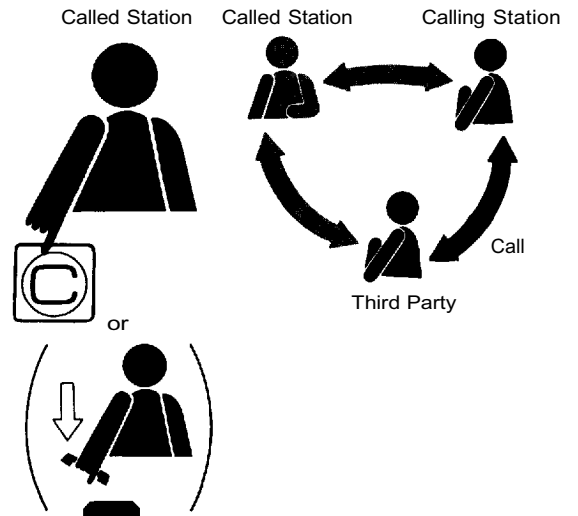
This allows the original conversation to resume.

The Transfer function is combined with the Call Holding function.

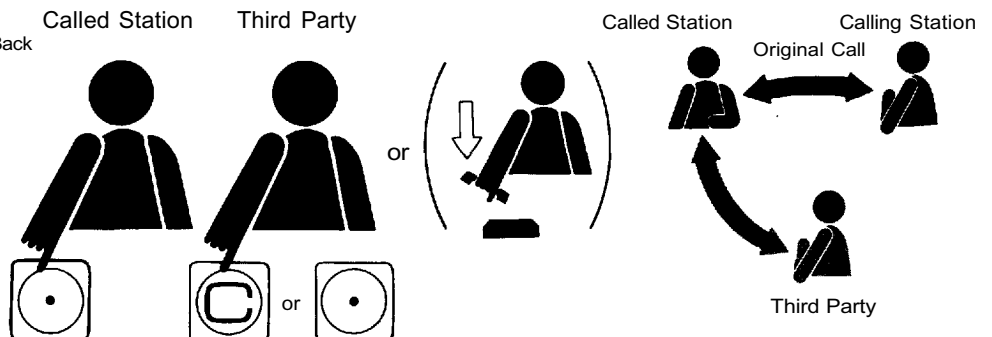
When two parties are talking, either one can be temporarily placed on hold to permit the calling of another station. The conversation with the third party over, the original conversation can be resumed.

The third party can be called using either the Station Number, his Personal Number or through Single Digit Dialing.

● Transfer



● Call Back



Call Transfer

Type 2, 3, 4

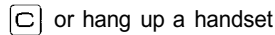
Call Transfer from Called Station

During the conversation, first dial



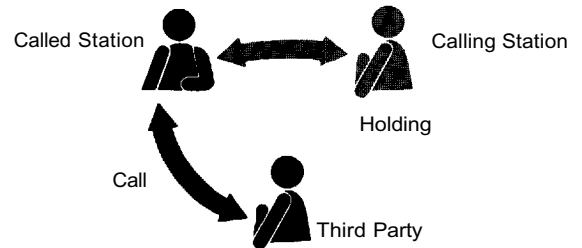
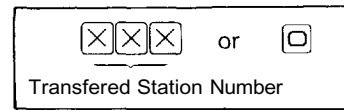
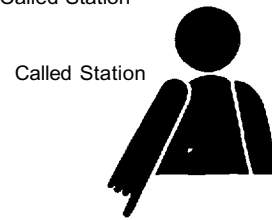
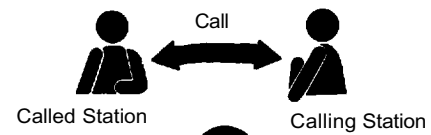
(the Station Number of the person the call is to be transferred to).

The original call is then held and the holding tone is transmitted to the other party, while the third party is called and asked whether he will accept the call. If he agrees to accept the call, dial



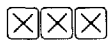
and the transfer will be completed.

This function allows called party to transfer that call to another station. The party to whom the call is to be transferred, may be called using either the Station Number, the Personal Number or through Single Digit Dialing.



Call Hold and Call Back from Calling or Called Station

During the conversation, first dial



the Station Number of the third party.

The other party is then placed on hold as the third party is called. Upon completion of the conversation with the third party,

the party called touch dials the



key

or the third party touch dials the



key

or the third party replaces a handset.

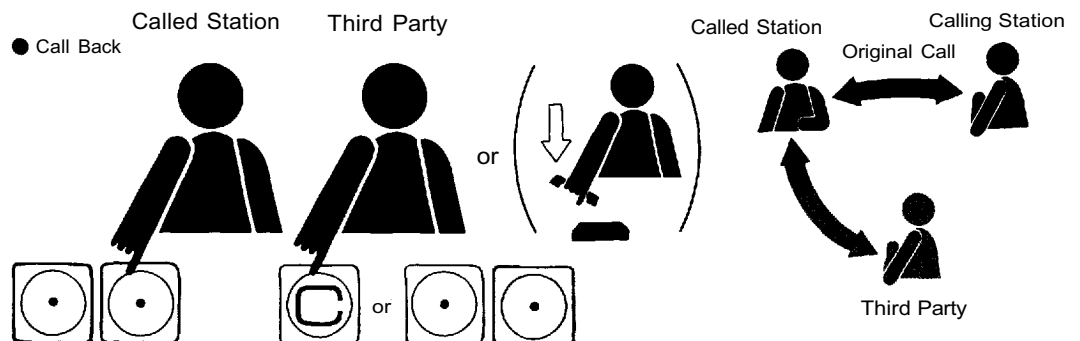
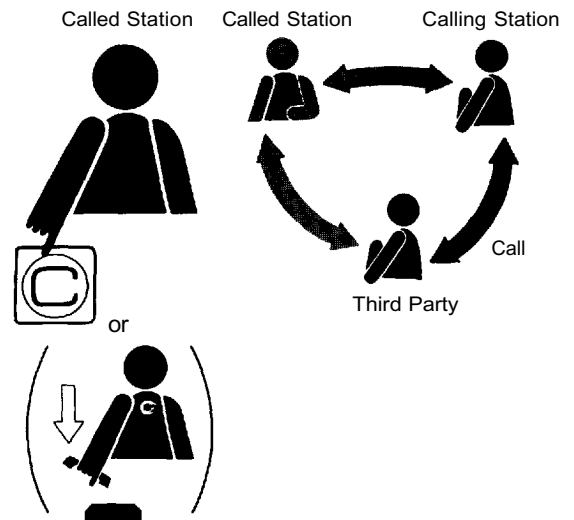
This allows the original conversation to resume.

The Transfer function is combined with the Call Holding function.

When two parties are talking, either one can be temporarily placed on hold to permit the calling of another station. The conversation with the third party over, the original conversation can be resumed.

The third party can be called using either the Station Number, his Personal Number or through Single Digit Dialing.

● Transfer






Paging During Normal Call

Type 1

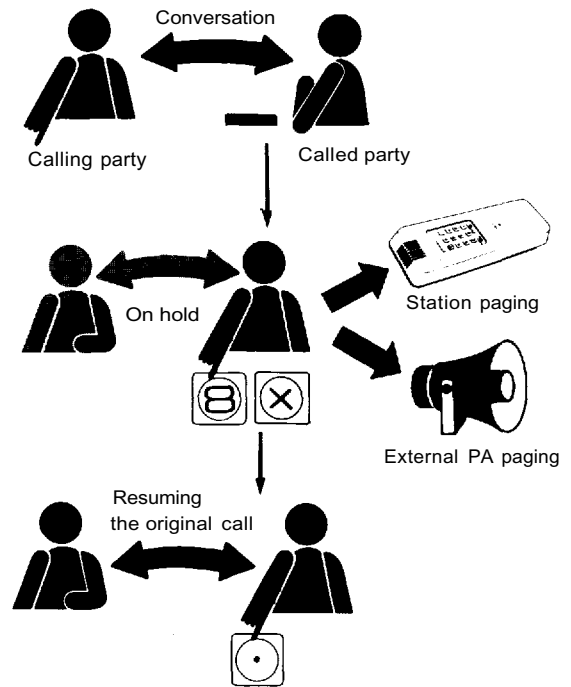
A paging call can be made by a called party of an existing call to a third party, the third party's response accepted while the original call is on hold, and the original call resumed when the response call has ended. Press



and the desired zone number. This puts the original call on hold and makes the External PA and or Station paging call. Then, press  to restore the original call, and wait for the response to the paging call. When the response is received, press  , or replace the handset, and the original call goes back on hold allowing the second call to be taken. When the second call is completed, press  and the original call can be resumed.

Note.

With adoption of the selective functions "Call Transfer" and "Paging", this function is allowed to activate.






Paging During Normal Call

Type 2、4

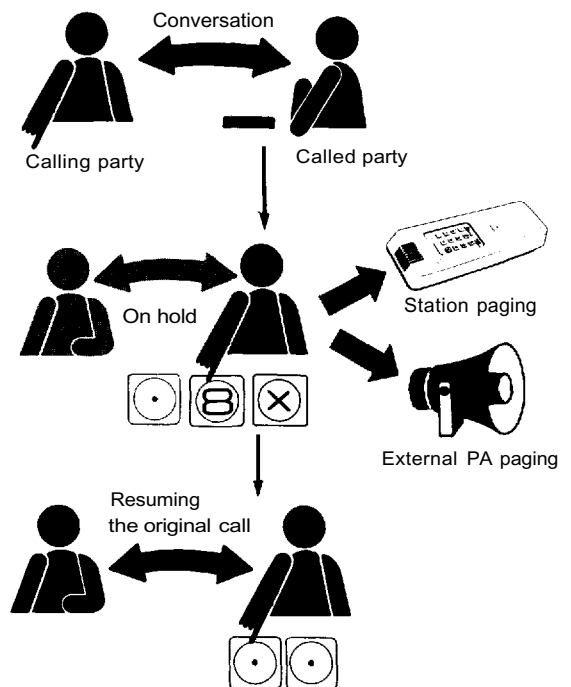
A paging call can be made by a called party of an existing call to a third party, the third party's response accepted while the original call is on hold, and the original call resumed when the response call has ended. Press



and the desired zone number. This puts the original call on hold and makes the External PA and or Station paging call. Then, press  to restore the original call, and wait for the response to the paging call. When the response is received, press  , or replace the handset, and the original call goes back on hold allowing the second call to be taken. When the second call is completed, press  and the original call can be resumed.

Note.

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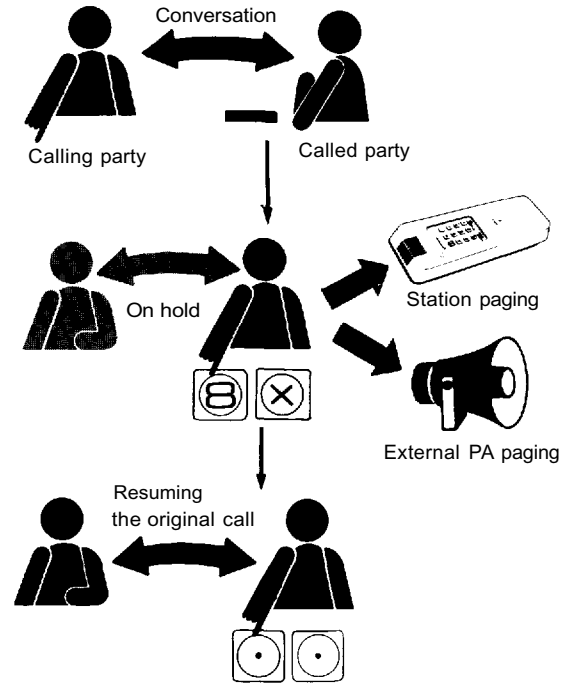
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Note.

With adoption of the selective functions "Call Transfer" and "Paging", this function is allowed to activate.

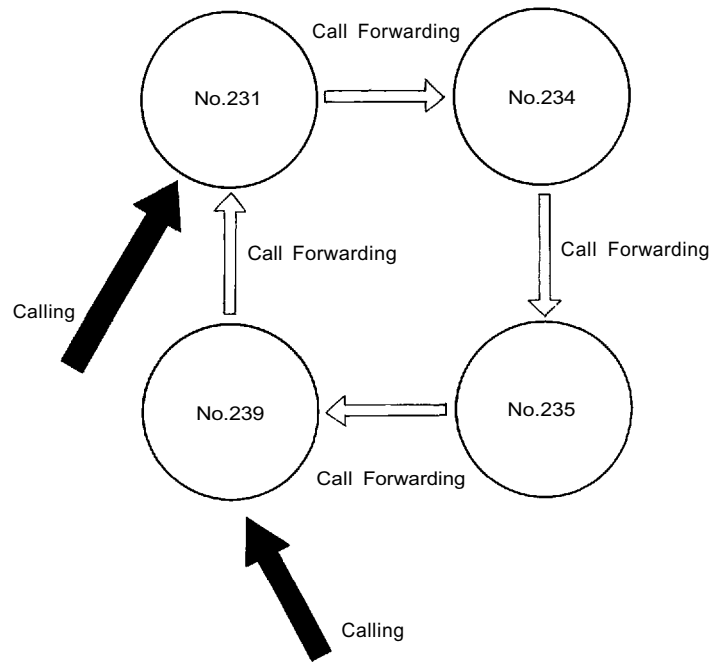
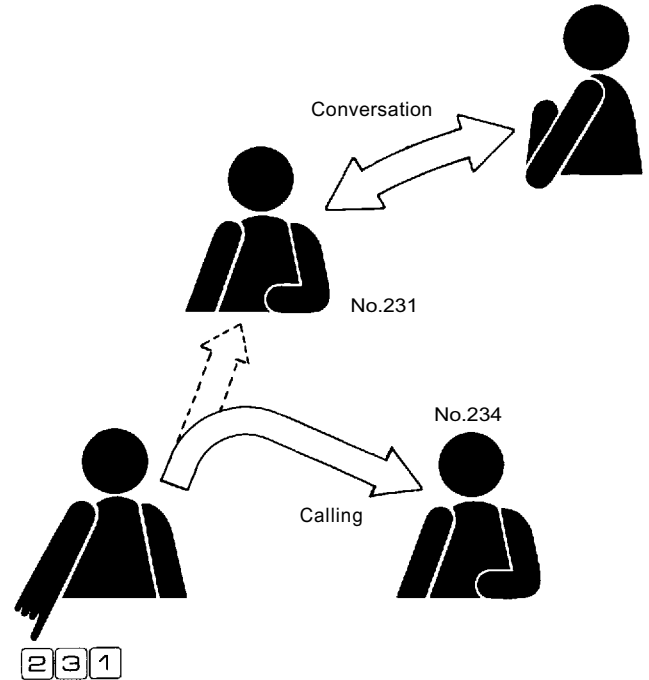


Group Hunting

When the party you are calling is on another line, your call is automatically rerouted to another station which is programmed from the beginning. When the party to whom the call is rerouted is also on another line, the call can further be rerouted to the other station by programming.


Note.

1. To use this function, station No.200 programming of the station number(s) to which the call is to be transferred must be set up in the exchange. Place a DIP switch for Group Hunting in the ON position and make Group Hunting programming, so that this function can be programmed.
2. If station No.200 programming is made so that the call can be rerouted to the station which is called first when the other stations registered are busy, then any call can be transferred automatically to another station.
3. The combined use of this function with the "Secretary Transfer" function makes the system more functional. Setting the Privacy switch to the ON position allows any incoming call to be automatically transferred to the other stations even when one is absent.




Secretary Transfer

This function is only available when a specified station is programmed for this purpose with use of Station #200 in the programming mode. Automatic transfer of incoming calls by an executive to his secretary is accomplished by placing the Privacy Switch on his station in the ON position.

PRIVACY


This function allows a secretary to accept all incoming calls placed to an executive.

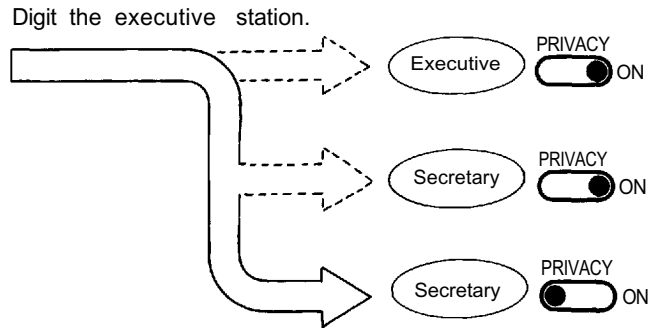
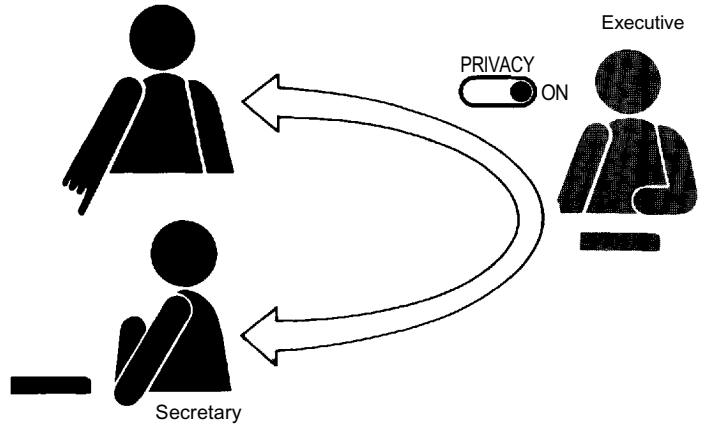
For the executive to accept calls directed to his station once the automatic secretary function has been programmed by station #200, he simply moves the privacy switch to the left, or OFF position.

PRIVACY


It is also possible for the executive to accept calls at his station.

There is no limit to the number of Executive/Secretary pairings except by the number of available number combinations within a given system.

When a secretary who is already programmed for this function wishes another secretary to accept all incoming calls directed to an executive, station No. 200 programming of another secretary should be set up in the exchange. Then, the calls can be rerouted to another secretary if the executive and the secretary first registered place their Privacy switches in the ON position. It is also possible to transfer the call in a daisy chain method.



Secretary Transfer and Call Transfer

PV Type

Type 1

Adoption of the selective function "Transfer" allows rerouting of the call transferred to the secretary back to the executive's station.

When the secretary answering a call touch dials



Executive's station number

the privacy tone sounds continuously at both ends of the line, while the call is held. The call holding tone is transmitted to the calling station. If the executive shifts the privacy switch to the left position, or if he depresses any of the keys other than the PTT key (□~□, □, □, □), or picks up a handset he can talk with the secretary. If the call held is to then be transferred back to the executive's station, the secretary is to touch dial □, or to hang up a handset, and the original calling station will be connected to the executive's station.

Secretary Transfer and Call Transfer using Single Digit Dialing

Adoption of the selective functions "Transfer" and "Single Digit Dialing" allows simple retransfer of the call transferred to the secretary back to the executive's station.

Touch dial



Executive's station number

at the secretary's station in advance. When the call transferred to the secretary has to be transferred back to the executive, the secretary simply touch dials



at her station. This sets the privacy tone sounding continuously at both ends of the line while the call is held. If the call is to be transferred back to the executive's station, the secretary touch dials

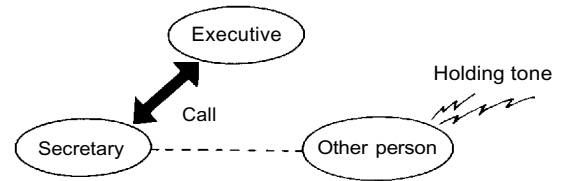
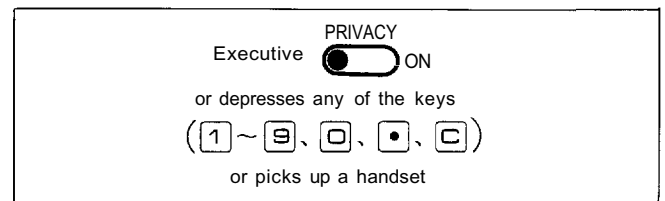
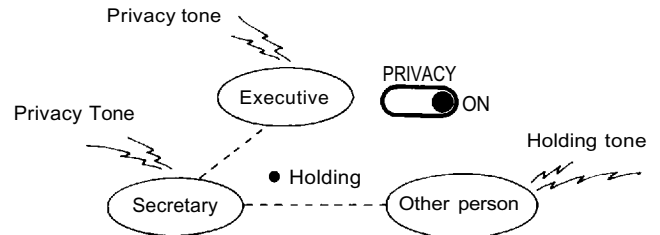
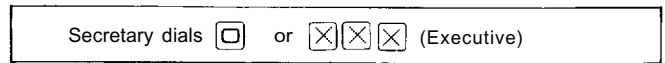
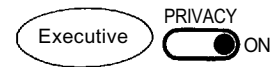
□ or hangs up a handset.

The calling station will then be connected to the executive's station.

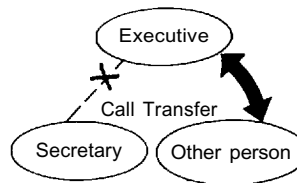
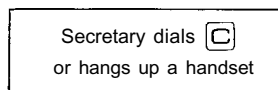
Reply from the executive, the secretary touch dials



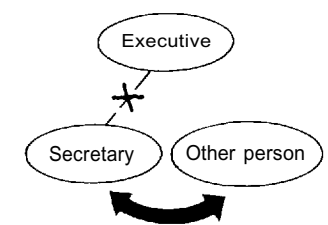
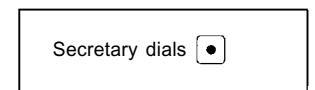
This will then return the secretary to the original call.



● Call Transfer



● Call Back



Secretary Transfer and Call Transfer

PV Type

Type 2, 3, 4

Adoption of the selective function "Transfer" allows rerouting of the call transferred to the secretary back to the executive's station.

When the secretary answering a call touch dials



Executive's station number

the privacy tone sounds continuously at both ends of the line, while the call is held. The call holding tone is transmitted to the calling station. If the executive shifts the privacy switch to the left position, or if he depresses any of the keys other than the PTT key (□~□, □, •, □), or picks up a handset he can talk with the secretary. If the call held is to then be transferred back to the executive's station, the secretary is to touch dial □, or to hang up a handset, and the original calling station will be connected to the executive's station.

Secretary Transfer and Call Transfer using Single Digit Dialing

Adoption of the selective functions "Transfer" and "Single Digit Dialing" allows simple retransfer of the call transferred to the secretary back to the executive's station.

Touch dial



Executive's station number

at the secretary's station in advance. When the call transferred to the secretary has to be transferred back to the executive, the secretary simply touch dials



at her station. This sets the privacy tone sounding continuously at both ends of the line while the call is held. If the call is to be transferred back to the executive's station, the secretary touch dials

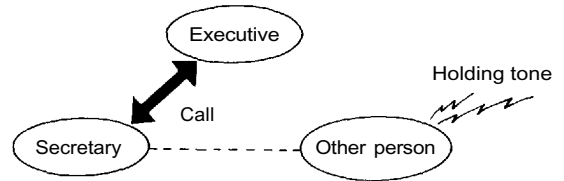
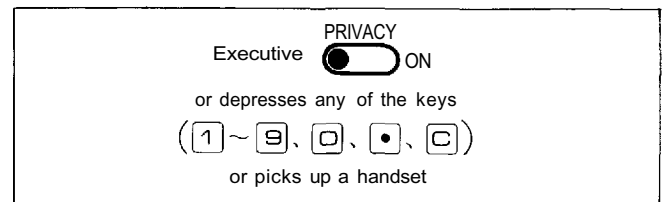
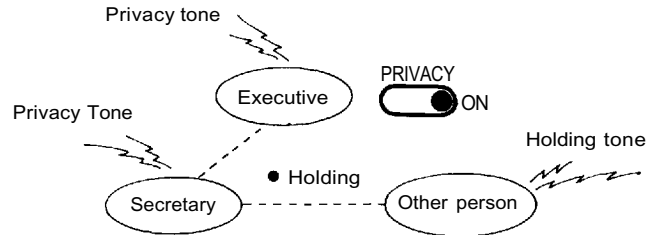
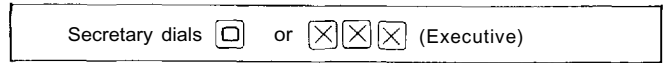
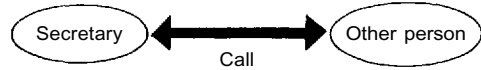
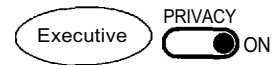
□ or hangs up a handset.

The calling station will then be connected to the executive's station.

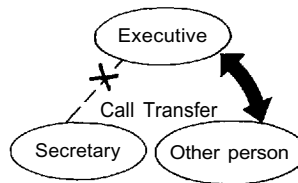
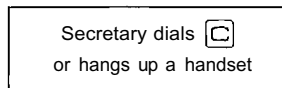
Reply from the executive, the secretary touch dials



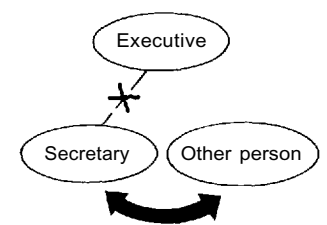
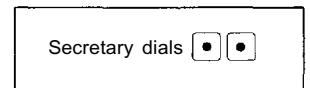
This will then return the secretary to the original call.



● Call Transfer



● Call Back



Secretary Transfer and Call Transfer

NP Type

Type 1

Adoption of the selective function "Transfer" allows rerouting of the call transferred to the secretary back to the executive's station.

When the secretary answering a call touch dials

☒☒☒

Executive's station number

the continuous calling tone sounds at both ends of the line, while the call is held. The call holding tone is transmitted to the calling station. If the executive shifts the privacy switch to the left position, or if he depresses any of the keys other than the (PTT) key (☐~☑, ☐, •, ☐), or picks up a handset he can talk with the secretary. If the call held is to then be transferred back to the executive's station, the secretary is to touch dial ☐, or to hang up a handset, and the original calling station will be connected to the executive's station.

Secretary Transfer and Call Transfer using Single Digit Dialing

Adoption of the selective functions "Transfer" and "Single Digit Dialing" allows simple retransfer of the call transferred to the secretary back to the executive's station.

Touch dial

•☐☐☒☒☒

Executive's station number

at the secretary's station in advance. When the call transferred to the secretary has to be transferred back to the executive, the secretary simply touch dials

☐

at her station. This sets the continuous calling tone sounding at both ends of the line while the call is held. If the call is to be transferred back to the executive's station, the secretary touch dials

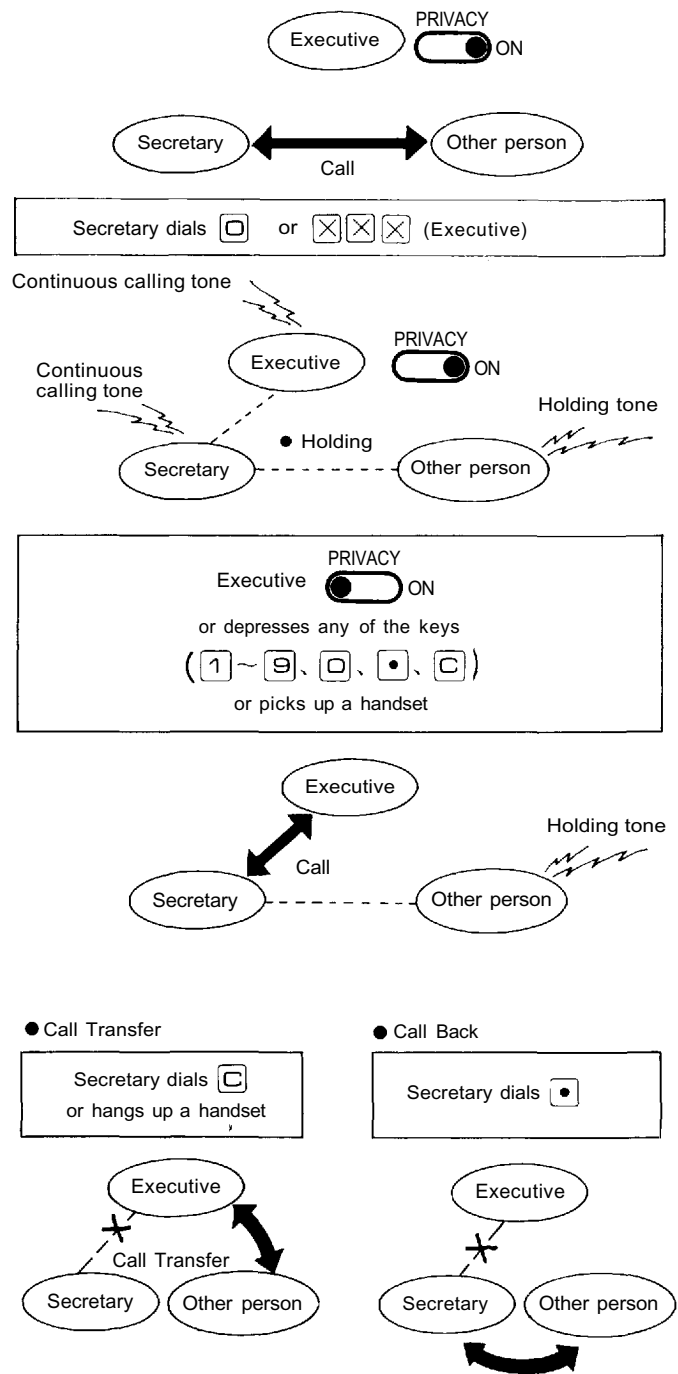
☐ or hangs up a handset.

The calling station will then be connected to the executive's station.

Reply from the executive, the secretary touch dials

•

This will then return the secretary to the original call.



Secretary Transfer and Call Transfer

Adoption of the selective function "Transfer" allows rerouting of the call transferred to the secretary back to the executive's station.

When the secretary answering a call touch dials

Executive's station number

the continuous calling tone sounds at both ends of the line, while the call is held. The call holding tone is transmitted to the calling station. If the executive shifts the privacy switch to the left position, or if he depresses any of the keys other than the (PTT) key (~, , ,) , or picks up a handset he can talk with the secretary. If the call held is to then be transferred back to the executive's station, the secretary is to touch dial , or to hang up a handset, and the original calling station will be connected to the executive's station.

Secretary Transfer and Call Transfer using Single Digit Dialing

Adoption of the selective functions "Transfer" and "Single Digit Dialing" allows simple retransfer of the call transferred to the secretary back to the executive's station.

Touch dial

Executive's station number

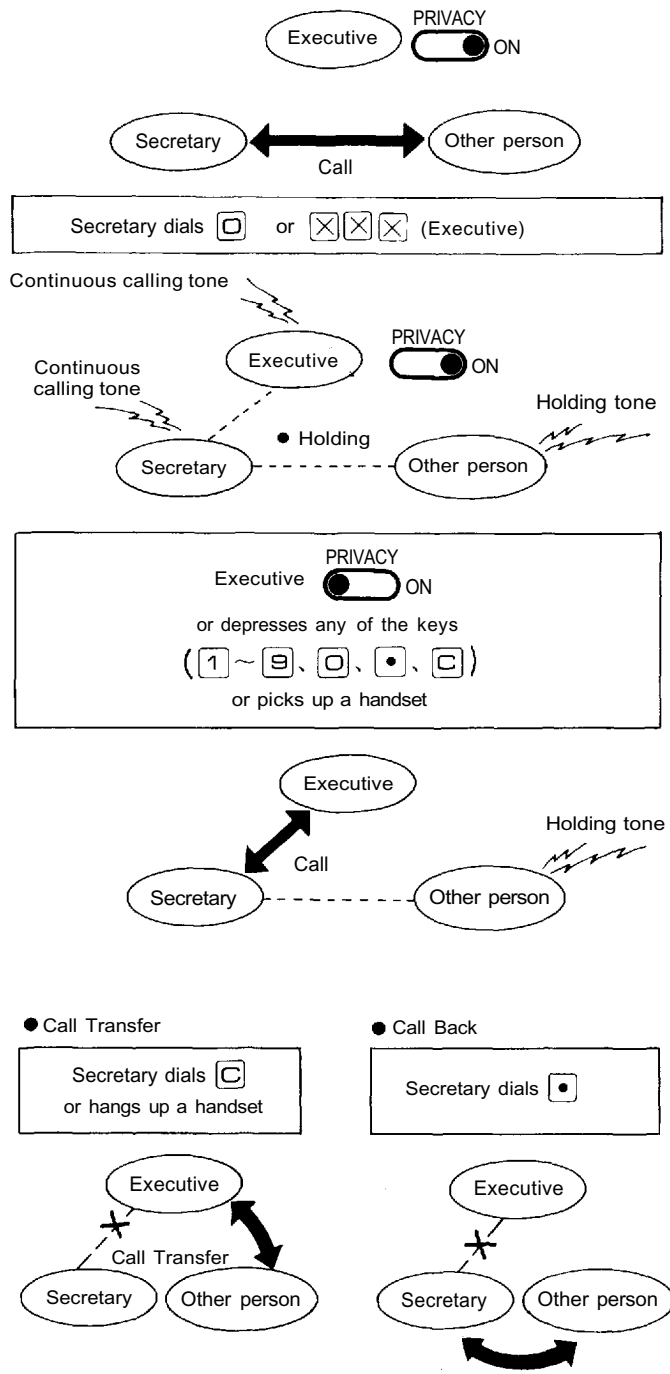
at the secretary's station in advance. When the call transferred to the secretary has to be transferred back to the executive, the secretary simply touch dials

at her station. This sets the continuous calling tone sounding at both ends of the line while the call is held. If the call is to be transferred back to the executive's station, the secretary touch dials or hangs up a handset.

The calling station will then be connected to the executive's station.

Reply from the executive, the secretary touch dials

This will then return the secretary to the original call.



When you will be away from your station and wish all incoming calls to be rerouted to a different destination you are going to move to, you can do so by registering that station number before you leave.

◆ Registering Call Forwarding function

To program this function, touch dial **6** plus the station number of the destination you are going to move to. The registration of this function may only be made at the original station and any previous programming made for this function is automatically cancelled each time the new programming is made.

◆ Cancelling Call Forwarding program

Touch dial

6
X
X
X

Your original station number

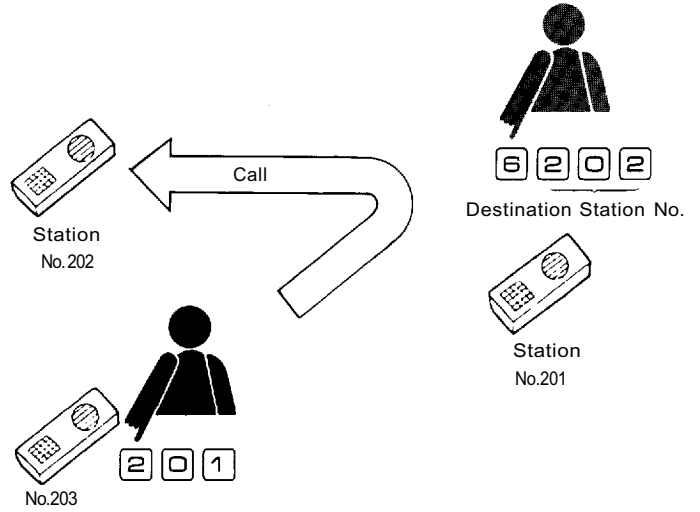
at your assigned station.

Note.

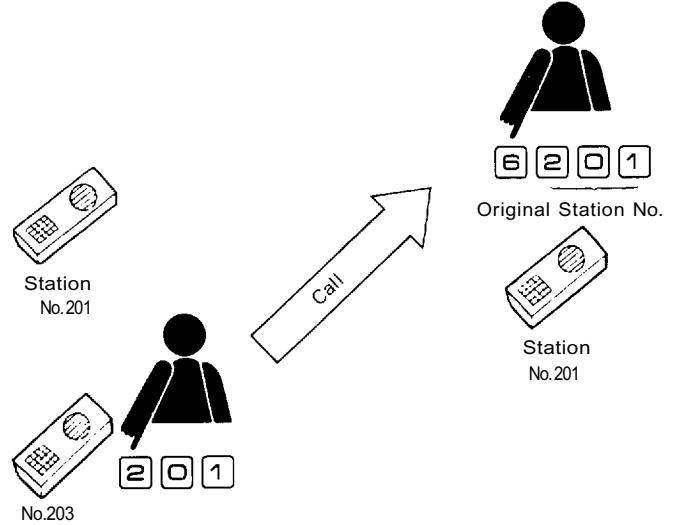
Calls made in the following instances are directly put through to the original station even if call forwarding function is programmed.

1. Calls from the destination station registered to the original station.
2. Calls made by using a personal number registered at the original assigned station.

● Registration of Call Forwarding



● Cancellation of Call Forwarding



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◆ Registering Call Forwarding function

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◆ Cancelling Call Forwarding program

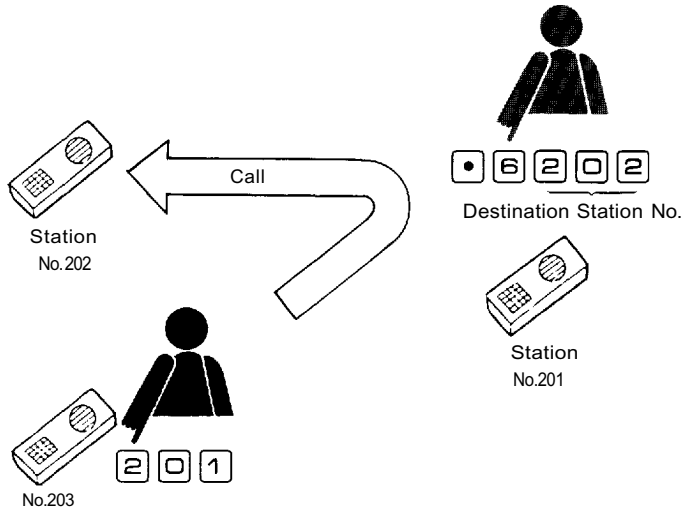
Touch dial **•6XXXX**
 Your original station number
 at your assigned station.

Note.

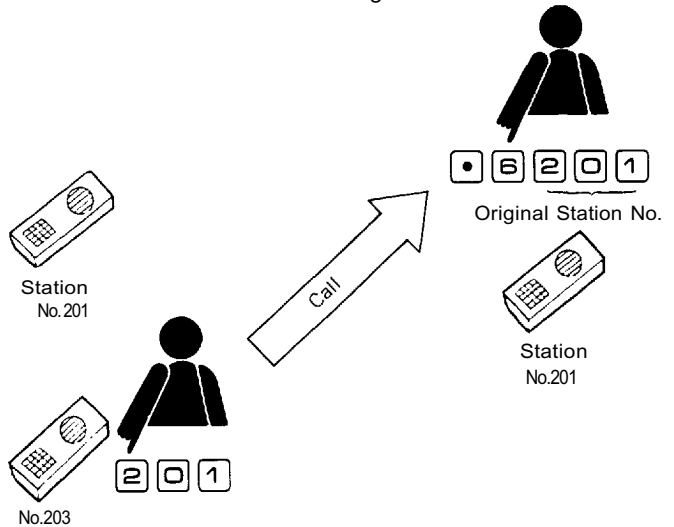
Calls made in the following instances are directly put through to the original station even if call forwarding function is programmed.

1. Calls from the destination station registered to the original station.
2. Calls made by using a personal number registered at the original assigned station.

● Registration of Call Forwarding



● Cancellation of Call Forwarding



Priority

When the party called is on the line, as indicated by the busy tone, dialing



transmits a priority tone to the called party. The same tone is audible at the calling station. The call is connected if the called party also responds by dialing



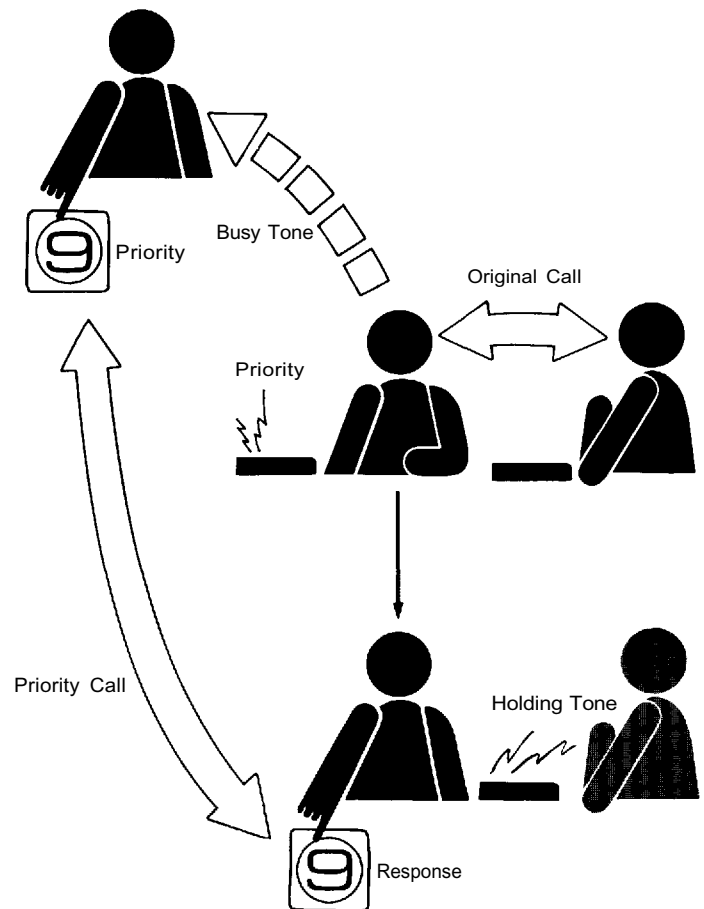
In this event, the original conversation partner of the party called is temporarily placed on hold and the holding tone is transmitted to his station.

Upon completion of the priority conversation, the party who placed the priority conversation dials



or he hangs up a handset of his station. This allows the interrupted conversation to resume.

When the called party is already on the line, the party calling, if he deems it necessary, can send a Priority signal to the called party. After a response from the party called, the urgent call is allowed to take priority and go through.



Executive Priority

This function is available only for those stations specifically programmed for this function, with programmed station #200. When the station called is busy or in the Privacy mode, as indicated by the busy or privacy tone, dialing



sends a priority tone. This priority tone is transmitted for a few seconds and then the call is put through.

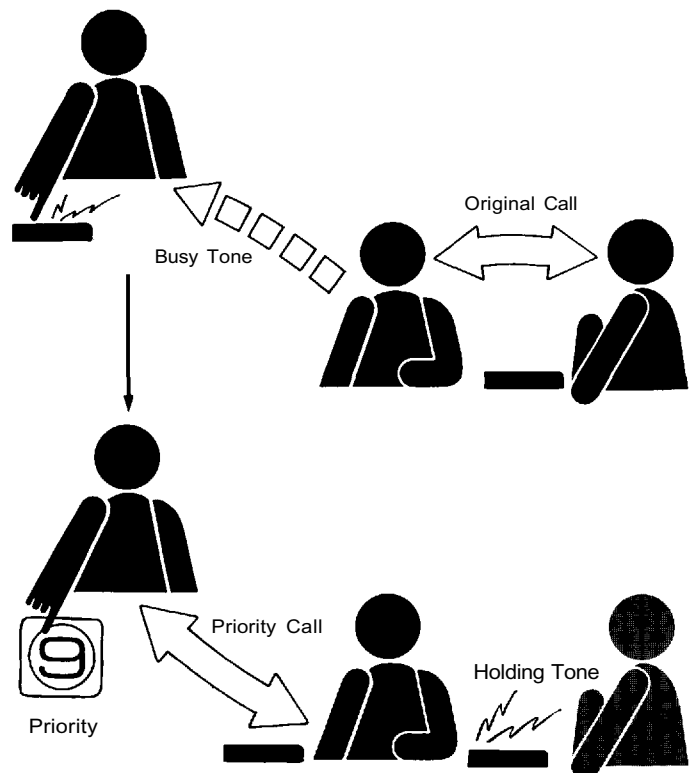
In this event, the original conversation partner of the party called is put on hold and a holding tone is transmitted to his station.

Upon completion of the priority conversation, the party placing the priority call dials



of his station to allow the original conversation to resume.

When the called station is busy or in the "Privacy" mode, this function allows forced interruption for priority conversation.



A "Hands-Free" conference call can be made with up to 4 persons. For a conference under this function the other participants may be called either through their station number, personal number or by Single Digit Dialing. Addition of stations or personal numbers (total of only 4) may be added by anyone already connected.

The person who proposes the conference may dial
 5XXXX
 (Station Number of the 1st of the participants)
 After receiving 2nd person's consent, he may then dial
 XXXX
 (2nd participant)
 After receiving 3rd person's consent, he may now dial
 XXXX
 (the last participant)

At this point, the 4-man conference may begin. It is also possible for any of the 4 participants to call up any of the other participants.

A person wishing to drop out of the conference should dial
 C or hangs up a handset
 at his station.

Any of the participants who wish to drop out during the conference may do so as long as it's not the party who originated the conference.

The function is cancelled and the normal mode is restored when the person who arranged the conference dials
 .

In the event that the calls made by the person arranging the conference are not answered or that there has been a dialing error, the function can be cancelled for restoration to the normal mode.

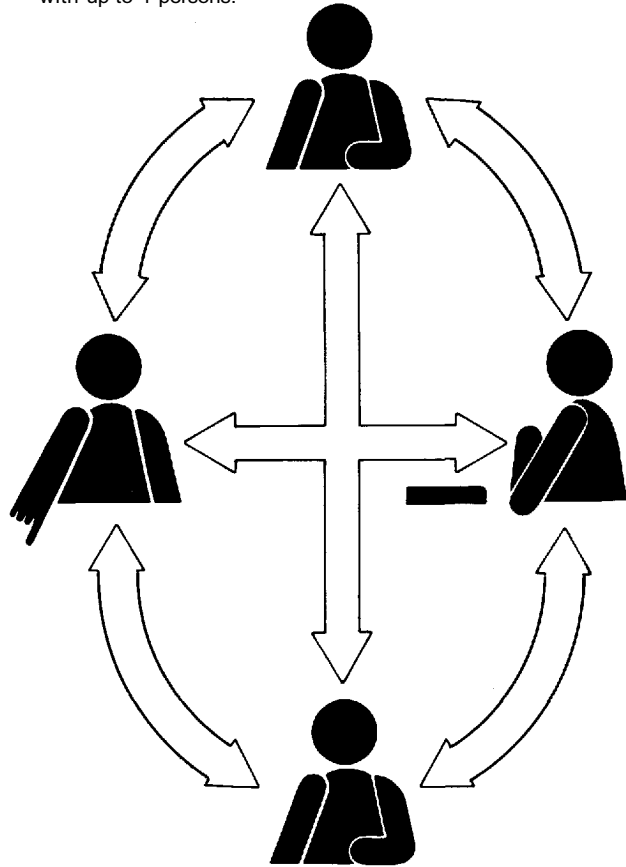
The conference is terminated when the party who arranged the conference dials
 C or hangs up a handset

When the conference has been terminated by the party who originated it, the other participants cannot continue the conference.

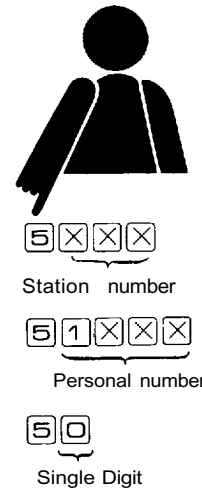
Either of the parties in conversation is to dial
 5XXXX
 (the Station Number of the third party).

It is possible for persons in normal conversation to change to the Conference mode without interruption.

- A "Hands-Free" conference call can be made with up to 4 persons.



- Dialing of conference member.



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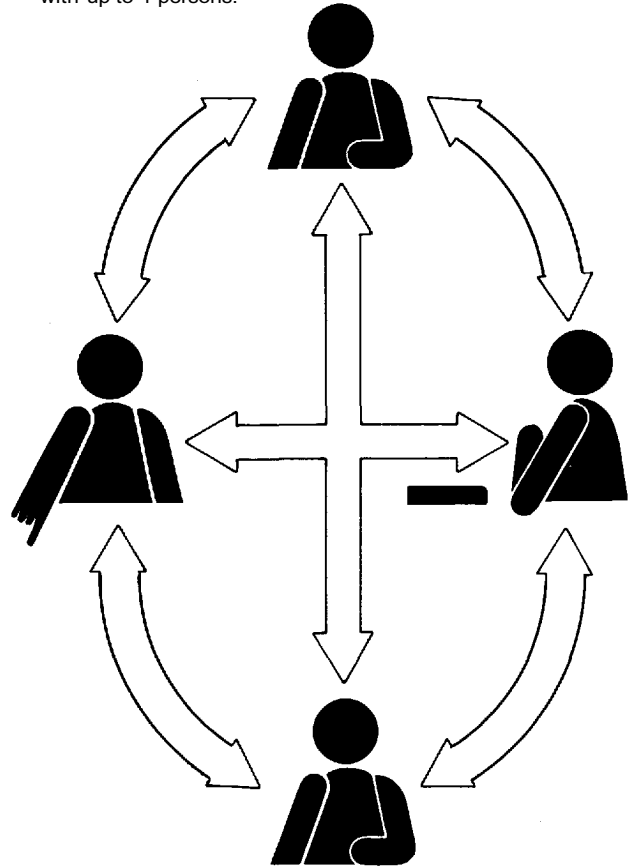
The conference is terminated when the party who arranged the conference dials
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When the conference has been terminated by the party who originated it, the other participants cannot continue the conference.

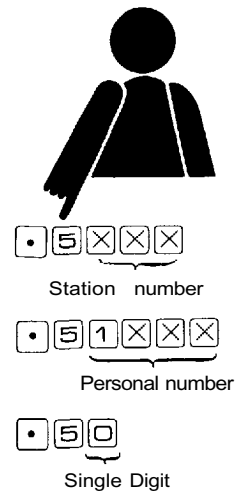
Either of the parties in conversation is to dial
 (the Station Number of the third party).

It is possible for persons in normal conversation to change to the Conference mode without interruption.

- A "Hands-Free" conference call can be made with up to 4 persons.



- Dialing of conference member.



Paging

A variety of paging modes allows paging over a wide area from any master station. The paged party may respond from the nearest master station.

Paging modes include external PA systems and/or Station paging and Zone paging is for calling a limited area, and All-call paging is for calling over the entire area.

Response to a paging call may be made by means of Automatic response or Zone number dialing.

1. External PA paging and Station paging

A. External PA paging

1. Paging through external speakers is possible from any master station, with the paged party able to respond from the nearest master station.
2. External PA paging zones and all-call paging are possible up to a maximum number of 7 zones (zone 1 through 7) or 15 zones (zone 1 through 15).

B. Station paging

1. Paging from any master station to all stations within a certain area is possible through the station speakers. But the page will not be heard at stations in use in the area.
2. Station zone paging and all-call paging are possible only within zone 1 through 7.

2. Zone paging and All-call paging

A. Zone paging (Individual zone paging).

Paging and Paging response are possible through Zone paging. To page a specific zone, press $(\square)\square$ and the zone number. To respond to a zone page, press simply $(\bullet)\square$ or $(\square)\square$ plus the zone number.

The External PA zone paging (1 ~ 15) overlaps the station paging zones (1 ~ 7) allowing simultaneous external PA and station paging of zones 1 ~ 7.

B. All-call paging

Paging and Paging response for External PA or station paging is possible through All-call paging. To make an all-call page, press $(\bullet)\square\square$ (maximum of 7 zones) or $(\bullet)\square\square\square$ (maximum of 15 zones). To respond, press $\bullet\square$ or $(\bullet)\square(\square)\square$

This does not necessarily mean that All-call station paging must reach all the stations.

3. Responding to a paging call

A. Automatic response

1. Zone paging response

Touch dialing $(\bullet)\square$ at the station within the paged zone permits a response to the party who placed a paging call.

In this event, No.200 registration of the stations (consecutive station numbers) within each zone must be made.

2. All-call paging response

Touch dial $\bullet\square$ at any station and the paged party is put through to the party calling.

B. Zone number dialing

1. Zone paging response

The paged party is connected to the party calling by depressing.

$(\square)\square(\times)\times$ (Zone number)

at any station.

2. All-call paging response

Depressing $(\bullet)\square(\square)\square$ or $\bullet\square$ permits a response to the party calling.

Other Paging Modes

1. Combination paging

Combination paging is used when several zones must be paged simultaneously through External PA or Station paging. A special paging area can be created wherever the paging ranges overlap by combining several zones. A maximum of 10 combinations can be created in this way from a maximum of 15 individual zones.

2. Emergency all-call paging

Emergency external PA or station all-call paging can be made either from the specified station (No.247) or by an external input signal connected to line No.247. All normal calls and pages are interrupted for the duration of the emergency All-call page, returning to normal when the page is terminated.

3. Paging priority

In normal station paging, the page is not heard at any station already in use. By using the paging priority function, the call can be interrupted to allow the page to go through. A holding tone sounds at the other party's station, and the call is restored when the page is terminated.

Note.

Dial operation of Combination paging

- Paging call

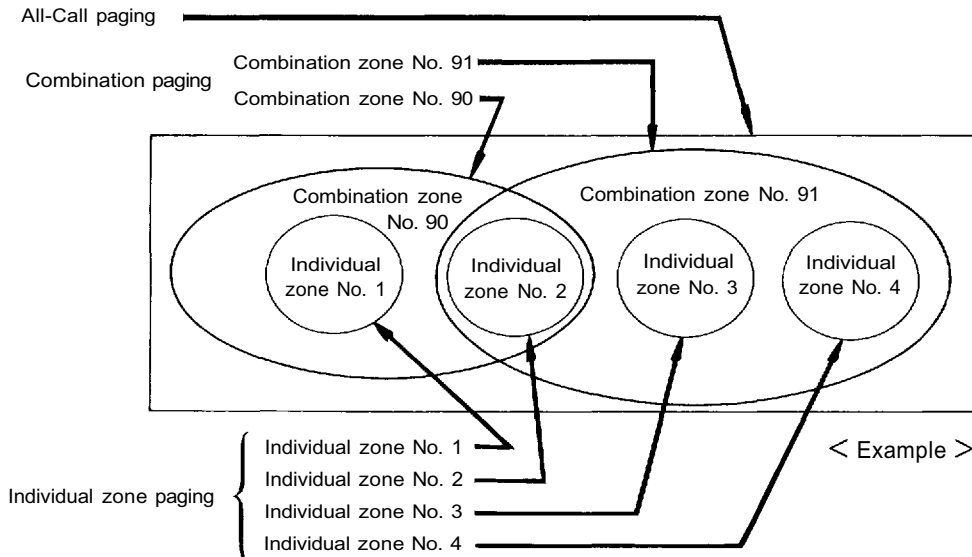
()

Combination zone No.
(90~99)

- Paging response

() or ()

Combination zone No.
(90~99)



Note: Priority of Paging

Emergency all-call paging > All-call paging > Combination paging = (Individual) zone paging

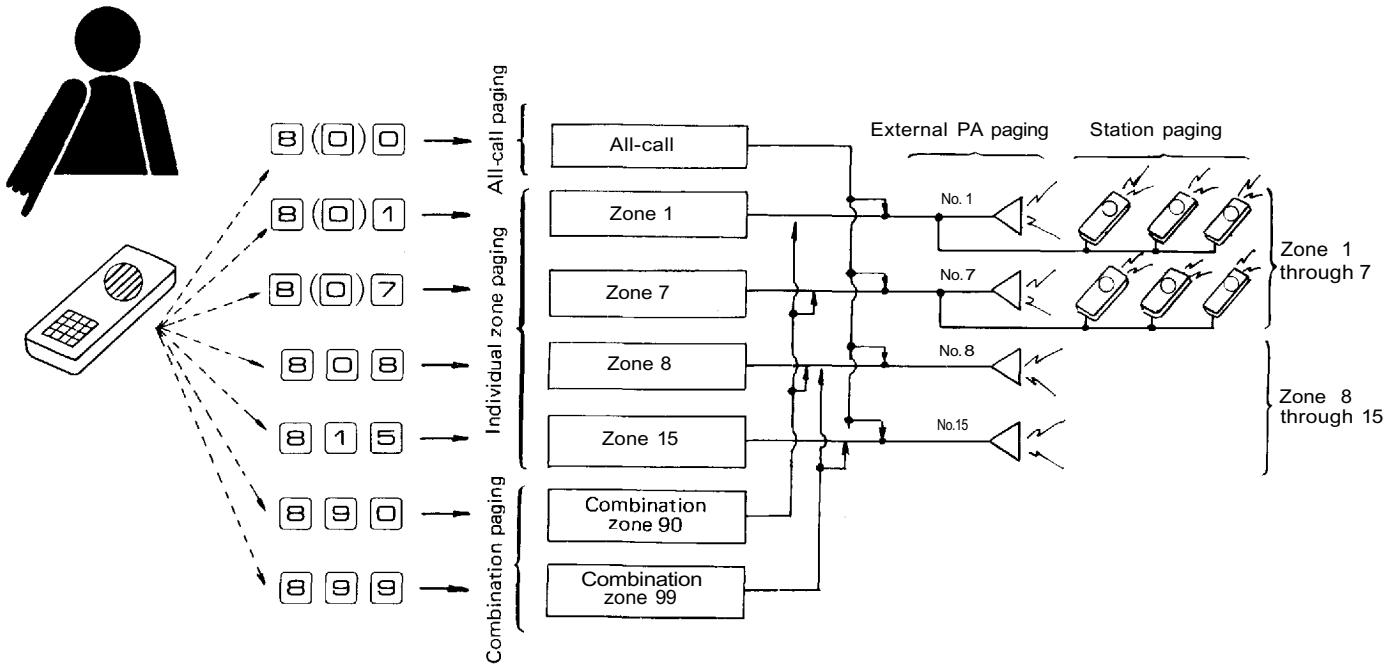
1. The higher priority page overrides the lower priority one. The lower priority page will be restored when the higher priority page is terminated.
2. Individual zone pages made while a Combination paging is in progress will result in Camp-On-Busy.

How to select the paging area and make the paging call.

Type 1、3

Paging functions may include both external PA and stations, depending on the zone being used. The paging area is limited to individual zone, Combination paging and All-call paging depending on the call range.

Paging area		Paging		Dialing operation				
		No.	External PA paging	Station paging	Paging call		Response	
					All-call and maximum of 7-zone paging.	All-call and maximum of 15-zone paging.	Automatic response	Zone number dialing
All-call paging	0	All-call and maximum of 15 zones paging.	All-call and maximum of 7 zones paging	8 0	8 0 0	• □	□ □ or □ (□) □	
Calling Maximum of 15 zones	1 } 7	Available	Available	8 X	8 X X	9	9 (X) X Individual or Combination zones	
	8 } 15	Available	Not available	X	8 X X			
Combination paging of up to 10 zones	90 } 99	Available, provided the combination zone is within the zone of 1 through 15.	Available, provided the combination zone is within the zone of 1 through 7.	8 9 X				



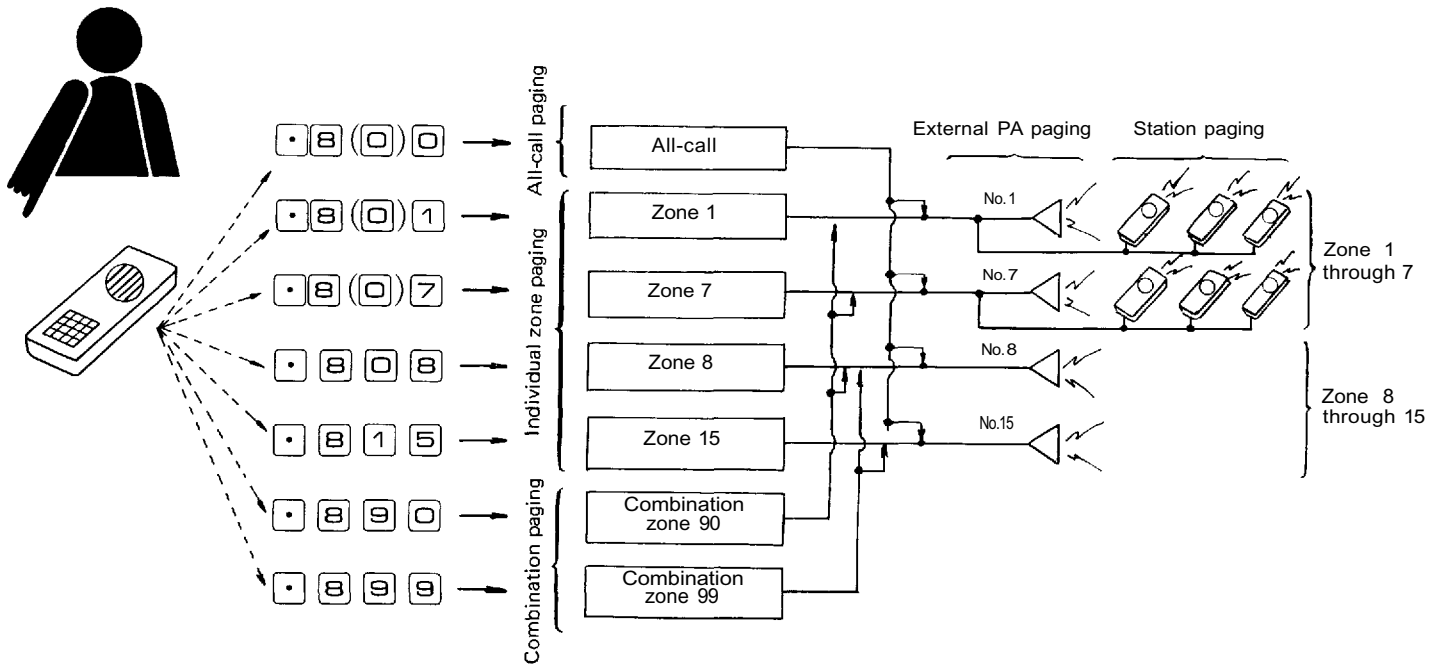
< Example >

How to select the paging area and make the paging call.

Type 2、4

Paging functions may include both external PA and stations, depending on the zone being used. The paging area is limited to individual zone, Combination paging and All-call paging depending on the call range.

Paging area	No.	Paging		Dialing operation			
		External PA paging	Station paging	Paging call		Response	
				All-call and maximum of 7-zone paging.	All-call and maximum of 15-zone paging.	Automatic response	Zone number dialing
All-call paging	0	All-call and maximum of 15 zones paging.	All-call and maximum of 7 zones paging	• 8 0	• 8 0 0	• 0	• 0 or • 9 (0) 0
Calling Maximum of 15 zones	1 } 7	Available	Available	• 8 X	• 8 X X		
	8 } 15	Available	Not available	X	• 8 X X	• 9	• 9 (X) X
Combination paging of up to 10 zones	90 } 99	Available, provided the combination zone is within the zone of 1 through 15.	Available, provided the combination zone is within the zone of 1 through 7.	• 8 9 X			Individual or Combination zones



< Example >

◆ Paging call

External PA paging to a specific zone is possible from any master station by pressing

or ('0' or '00' = all-call)
(0 ~ 7) (00 ~ 15)

and the desired zone number ('0' = all-call). It is possible to wait for a response in this mode, but anything said will be broadcasted over the entire zone. It is best to end the paging call by pressing

or hanging up a handset

and waiting for a response.

All-call paging of zones 1 through 7 can be done in both the External PA paging mode, through an external amplifiers and speakers, and the station paging mode, through the station speakers. All-call paging of zones 8 through 15 can be done only in the external paging mode.

◆ Paging response

1. Automatic response

To respond to a paging call, go to the nearest master station and press either

(All-call paging response)
 or
 (Zone paging response).

2. Zone number dialing

To respond to a All-call paging, go to the nearest master station and press

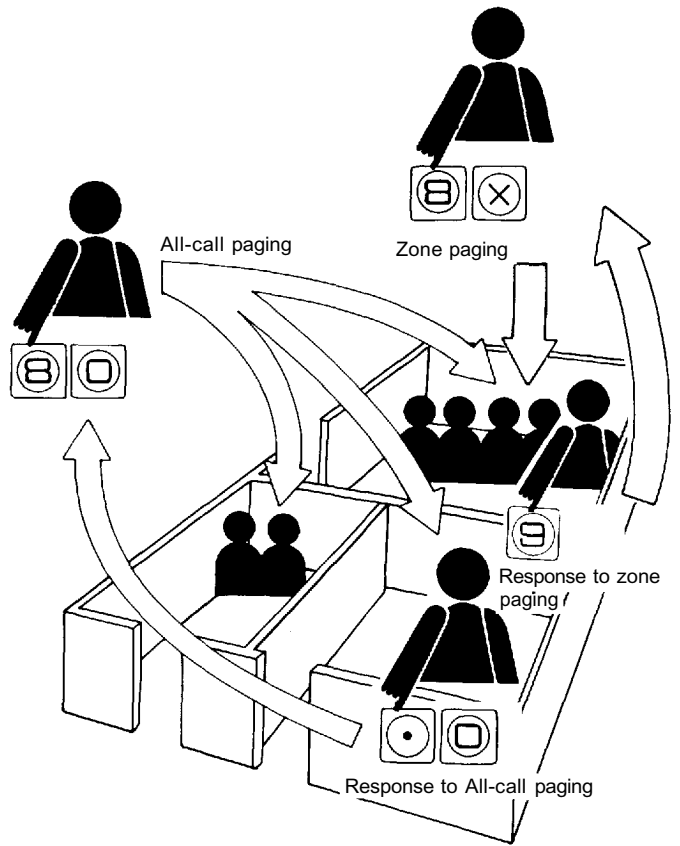
() or

To respond to a Zone paging call, press

()

Zone No. 1 ~ 7 (01 ~ 15)

at the nearest station.



Note 1: When all-call paging is initiated during zone paging, the Zone paging is interrupted and restored after the all-call paging is finished.

Note 2: To respond to Zone paging by pressing , No.200 registration of the stations (consecutive station numbers) within each zone must be made. Such registration is required for both external and station paging. For further details, please refer to Installation Hand Book for EXES-6000 CP-62.

Table of stations used for individual zone paging. (Example)

Zone numbers	First station number	Last station number
1	2 0 1	2 0 3
2	2 0 5	2 0 7
3	2 1 0	2 1 9
4		
5		
6		
7		
8		
9		
1 0		
1 1		
1 2		
1 3		
1 4		
1 5		

Required for station paging

Required for external PA paging response

◆ Paging call

External PA paging to a specific zone is possible from any master station by pressing

or ('0' or '00' = all-call)
(0 ~ 7) (00 ~ 15)

and the desired zone number ('0' = all-call). It is possible to wait for a response in this mode, but anything said will be broadcasted over the entire zone. It is best to end the paging call by pressing

or hanging up a handset

and waiting for a response.

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1. Automatic response

To respond to a paging call, go to the nearest master station and press either

(All-call paging response)

or

(Zone paging response).

2. Zone number dialing

To respond to a All-call paging, go to the nearest master station and press

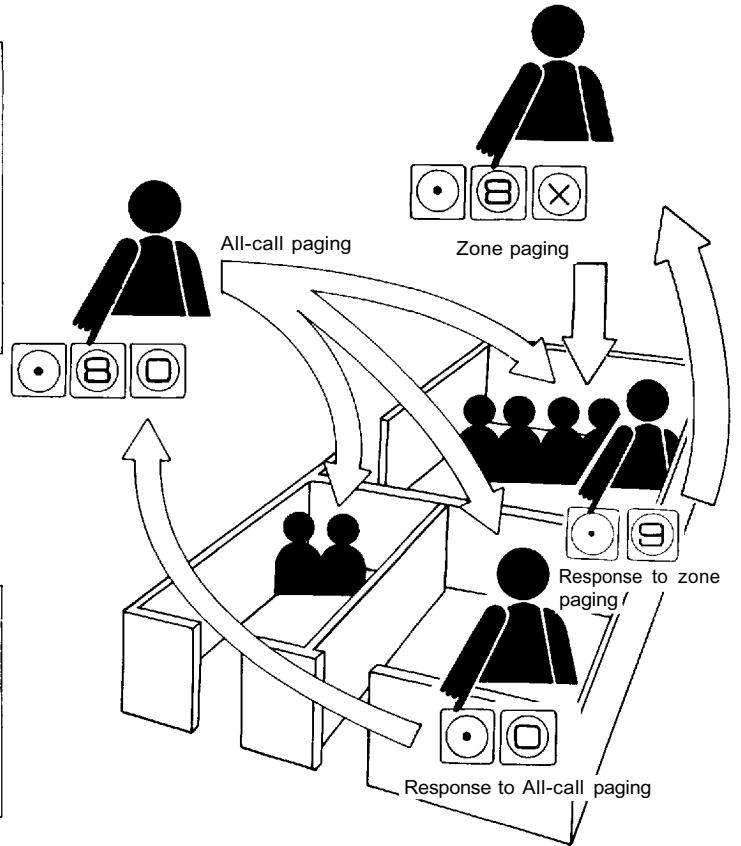
() or

To respond to a Zone paging call, press

()

Zone No. 1 ~ 7 (01 ~ 15)

at the nearest station.



Note 1: When all-call paging is initiated during zone paging, the Zone paging is interrupted and restored after the all-call paging is finished.

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Table of stations used for individual zone paging. (Example)

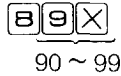
Zone numbers	First station number	Last station number
1	2 0 1	2 0 3
2	2 0 5	2 0 7
3	2 1 0	2 1 9
4		
5		
6		
7		
8		
9		
1 0		
1 1		
1 2		
1 3		
1 4		
1 5		

Required for station paging

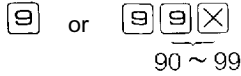
Required for external PA paging response

Combination Paging

Several zones can be called simultaneously using external PA paging and station paging. This is combination paging and is initiated by pressing



Paging will be broadcast to predetermined zones. It is possible to wait for a response in this mode, but it is usually preferable to terminate the paging call and wait for a response. The paged party can respond by pressing



at the nearest station. Refer to Example 1.

Priority of paging

All call paging > combination paging = individual zone paging

1. When some stations are already receiving another combination paging, the second paging call will be put on camp-on-busy. Refer to Example 2.
2. When some stations are receiving individual zone paging, a combination paging call will be put on camp-on-busy.

Likewise, when a combination paging call is being received, individual zone paging calls will be put on camp-on-busy. Refer to Example 3.

Responding to combination paging and zone paging

1. Automatic response

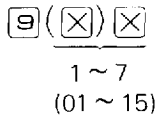
To respond to zone paging or combination paging, press



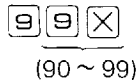
When the same zone is called via both zone paging and combination paging, responses will be put through to the station calling last. Refer to Example 4.

2. Zone number dialing

To respond to the (individual) zone paging call, depress

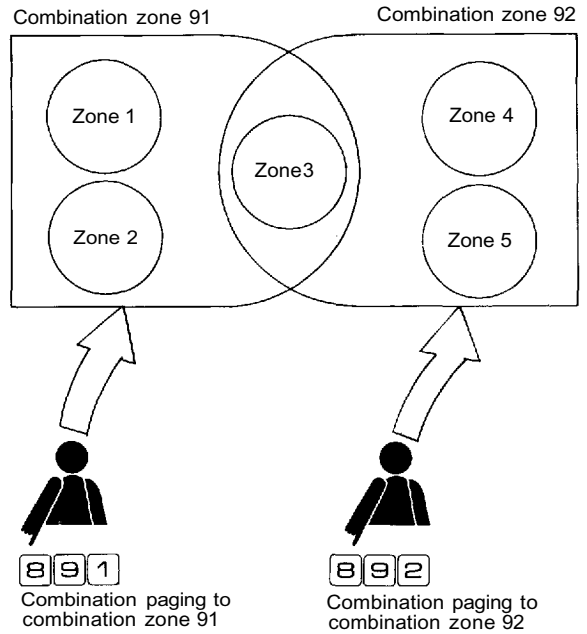


Depressing

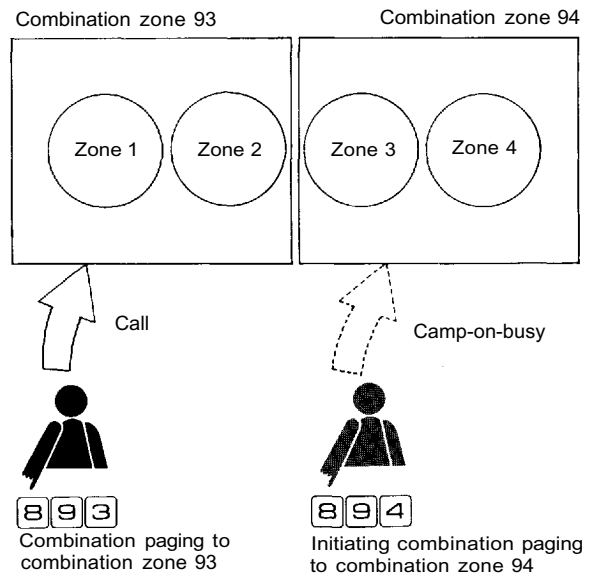


permits the response to the combination paging call.

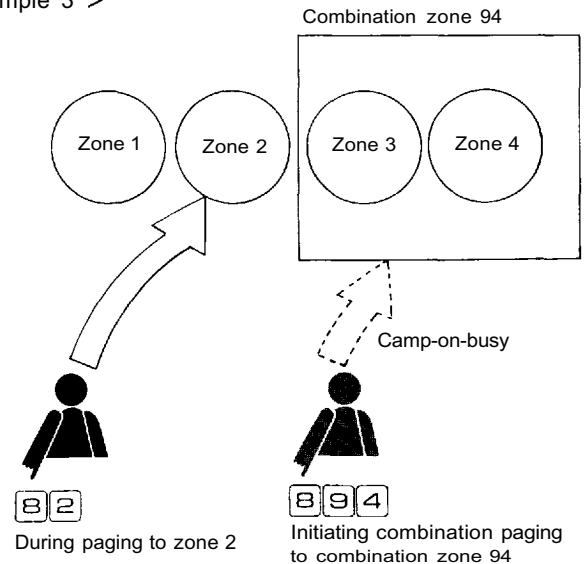
< Example 1 > Combination of individual zones



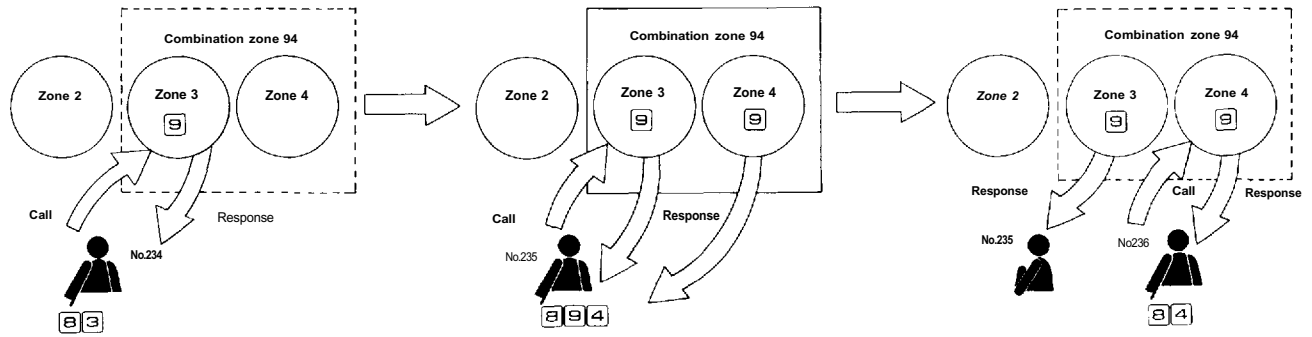
< Example 2 >



< Example 3 >



< Example 4 >



To operate combination paging, No. 200 registration indicating the individual zones to be included in the combination zone must be made.

For further details, refer to Installation Hand Book for EXES-6000 CP-62.

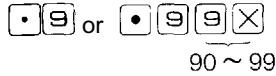
Programming for Example 1.

Combination zone	Dialing	Individual zone															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
90	890																
91	891	○	○	○													
92	892			○	○	○											
93	893																
94	894																
95	895																
96	896																
97	897																
98	898																
99	899																

Several zones can be called simultaneously using external PA paging and station paging. This is combination paging and is initiated by pressing



Paging will be broadcast to predetermined zones. It is possible to wait for a response in this mode, but it is usually preferable to terminate the paging call and wait for a response. The paged party can respond by pressing



at the nearest station. Refer to Example 1.

Priority of paging

All call paging > combination paging = individual zone paging

1. When some stations are already receiving another combination paging, the second paging call will be put on camp-on-busy. Refer to Example 2.
2. When some stations are receiving individual zone paging, a combination paging call will be put on camp-on-busy.

Likewise, when a combination paging call is being received, individual zone paging calls will be put on camp-on-busy. Refer to Example 3.

Responding to combination paging and zone paging

1. Automatic response

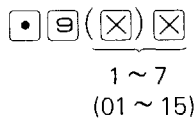
To respond to zone paging or combination paging, press



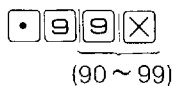
When the same zone is called via both zone paging and combination paging, responses will be put through to the station calling last. Refer to Example 4.

2. Zone number dialing

To respond to the (individual) zone paging call, depress

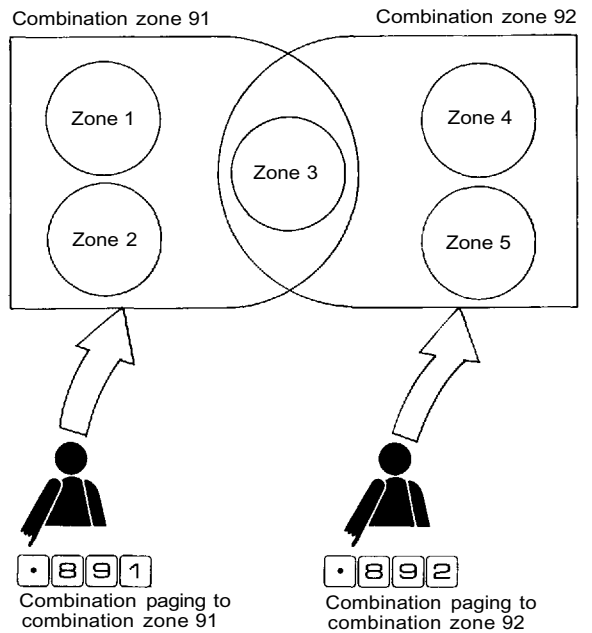


Depressing

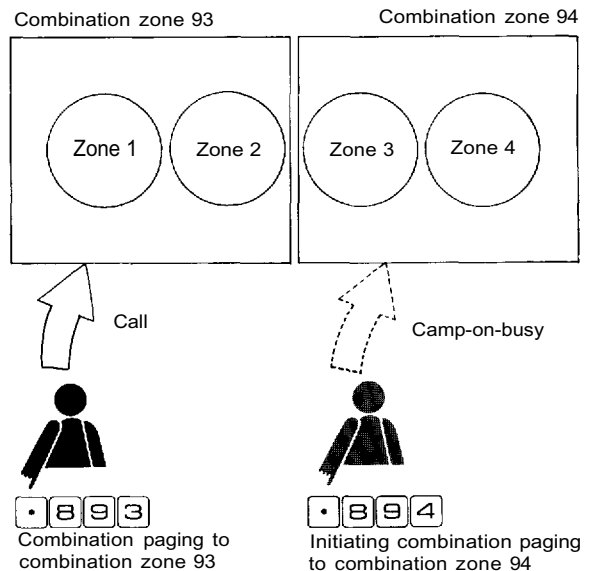


permits the response to the combination paging call.

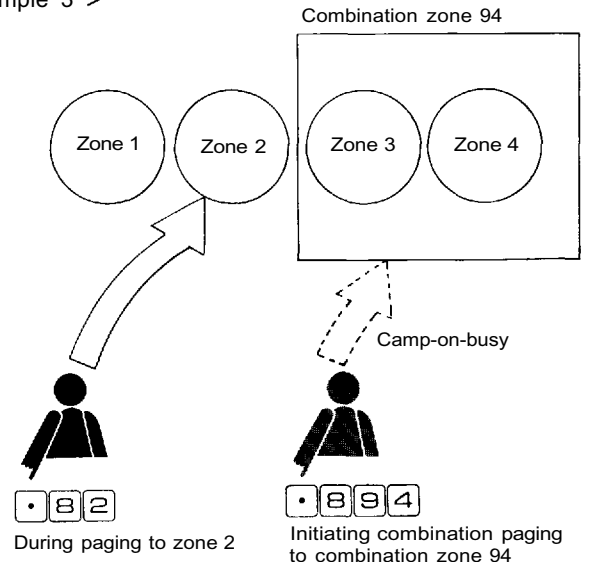
< Example 1 > Combination of individual zones



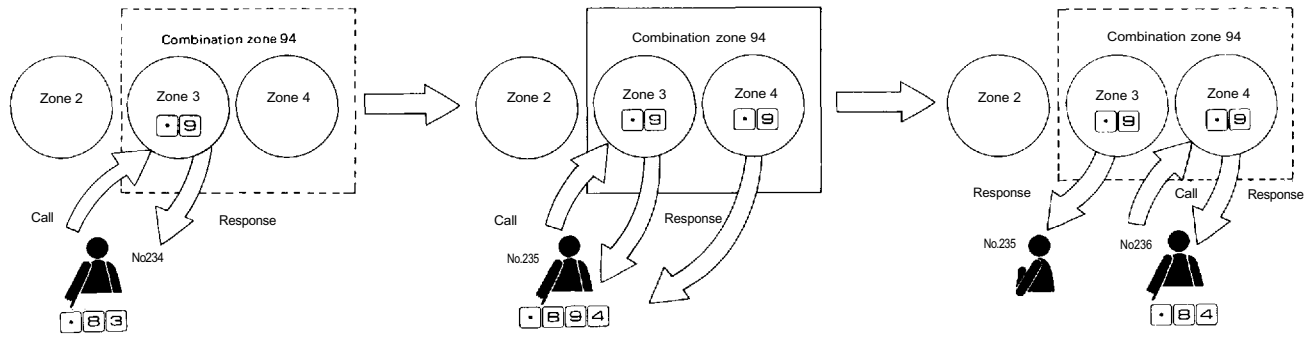
< Example 2 >



< Example 3 >



< Example 4 >



To operate combination paging, No. 200 registration indicating the individual zones to be included in the combination zone must be made.

For further details, refer to Installation Hand Book for EXES-6000CP-62.

Programming for Example 1.

Combination zone	Dialing	Individual zone														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
90	• 8 9 0															
91	• 8 9 1	○	○	○												
92	• 8 9 2			○	○	○										
93	• 8 9 3															
94	• 8 9 4															
95	• 8 9 5															
96	• 8 9 6															
97	• 8 9 7															
98	• 8 9 8															
99	• 8 9 9															

Emergency All-Call Paging

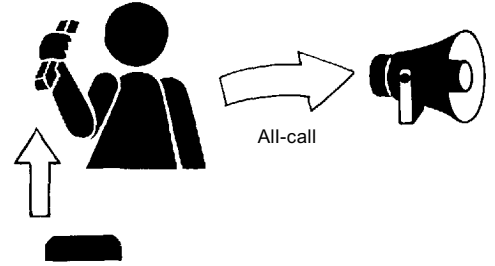
Handset substation TL-600S should normally be used for the emergency all-call station, No. 247.

To broadcast emergency all-call paging, pick up a handset.

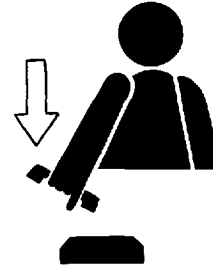
The highest priority all-call paging can be broadcasted to all zones without pre-announcement of paging. During emergency all-call paging, all other paging calls and normal calls are interrupted until the handset is replaced and the emergency message is finished.

1. This function may be used to announce emergency instructions from the specified station No.247. It may also be used to provide the signal tones such as chime or alarm signals when the signal sources are fed to No.247 circuit.
2. To make emergency all-call paging from the specified station No.247 using Hands-free type of station, move the privacy switch from "ON" to "OFF" position.

< Emergency all-call paging is made >



< Emergency all-call paging is finished >



Paging Priority

Type 1、3

When using the standard paging functions, paging is not heard while other calls are in progress.

Using paging priority :

1. Dial



(zones: 1-7, all-call: 0),



(zones: 01-15, all-call: 00), or

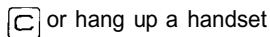


(combination zones: 90-99).

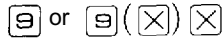
When the station being paged is already on the line, the call is interrupted. And the calling party is put on hold while the paging message is delivered. Refer to Example 1.

2. The calling party will be restored after the paging message is finished and his original conversation may be resumed.

3. If the person paged wishes to respond immediately, he should dial



to terminate his original conversation and then dial



(zone paging or combination paging response)

or



(all-call response).

Note 1: If the station called is in the process of dialing when station paging is initiative, paging will not be heard at that station and the call can be completed without interference.

Note 2: If a station being paged with station paging is called by a third party, camp-on-busy will result. Refer to Example 2.

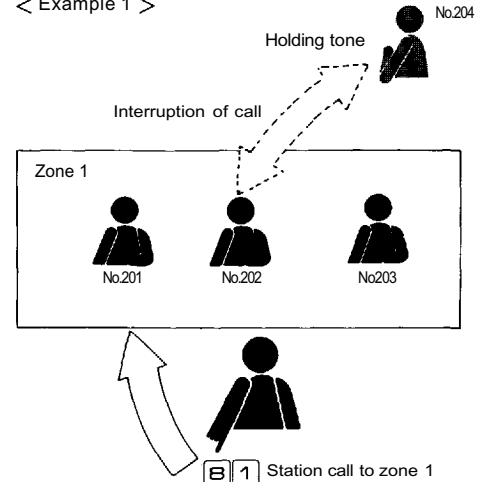
Note 3: If any station in a given zone (zone 1, for example) pages another zone (zone 2, for example), station paging to stations in zone 1 results in camp-on-busy. Refer to Example 3.

Note 4: If station paging priority is used, the station numbers within the zone area must be programmed at station No. 200. This registration is also required when station paging priority is unnecessary. For further details, see Installation Hand Book for EXES-6000 CP-62.

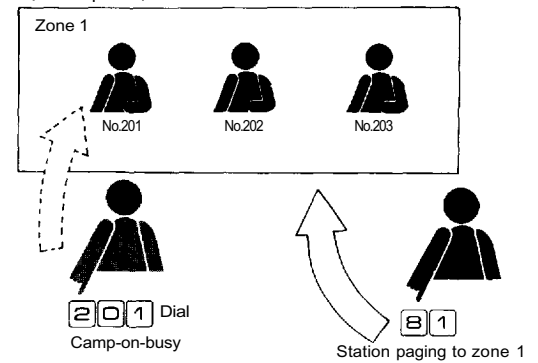
Note 5: Use of both station paging priority and external paging: Station paging priority interrupts calls in stations of zones 1 through 7 for both station and external paging. If station paging and external paging are used simultaneously, allocate station paging to zones 1 through 7 and external paging to zones 8 through 15.

Note 6: Use of both priority station paging and external paging within 7 zones: When responses are required for priority station paging but not for external PA paging, No.200 registration of the station allocation tables for the paging zones should be done only for station paging. Calls are not interrupted during external paging, in this case.

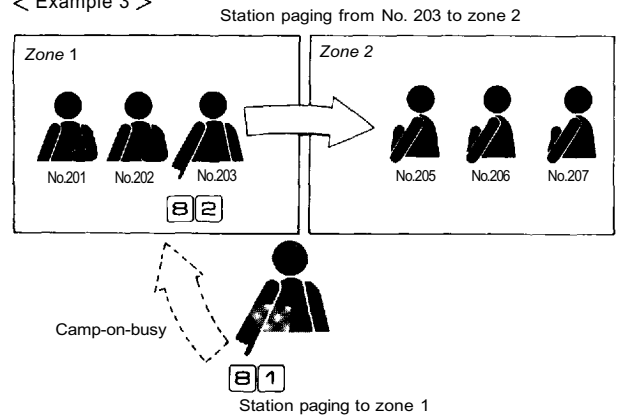
< Example 1 >



< Example 2 >



< Example 3 >



Programming for Example 1, 2 and 3

Zone numbers	First station number	Last station number
1	2 0 1	2 0 3
2	2 0 5	2 0 7
3	2 1 0	2 1 9
4		
5		
6		
7		
8		
9		
1 0		
1 1		
1 2		
1 3		
1 4		
1 5		

Required for station paging

Required for external PA paging response

When using the standard paging functions, paging is not heard while other calls are in progress.

Using paging priority:

1. Dial



(zones: 1-7, all-call: 0),



(zones: 01-15, all-call: 00), or

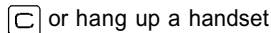


(combination zones: 90-99).

When the station being paged is already on the line, the call is interrupted. And the calling party is put on hold while the paging message is delivered. Refer to Example 1.

2. The calling party will be restored after the paging message is finished and his original conversation may be resumed.

3. If the person paged wishes to respond immediately, he should dial



to terminate his original conversation and then dial



(zone paging or combination paging response)

or



(all-call response).

Note 1: If the station called is in the process of dialing when station paging is initiated, paging will not be heard at that station and the call can be completed without interference.

Note 2: If a station being paged with station paging is called by a third party, camp-on-busy will result. Refer to Example 2.

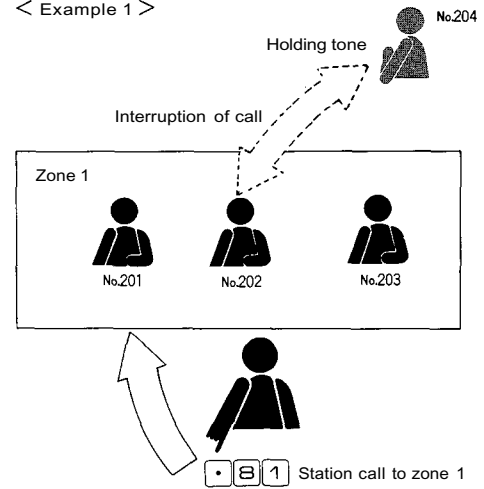
Note 3: If any station in a given zone (zone 1, for example) pages another zone (zone 2, for example), station paging to stations in zone 1 results in camp-on-busy. Refer to Example 3.

Note 4: If station paging priority is used, the station numbers within the zone area must be programmed at station No. 200. This registration is also required when station paging priority is unnecessary. For further details, see Installation Hand Book for EXES-6000 CP-62.

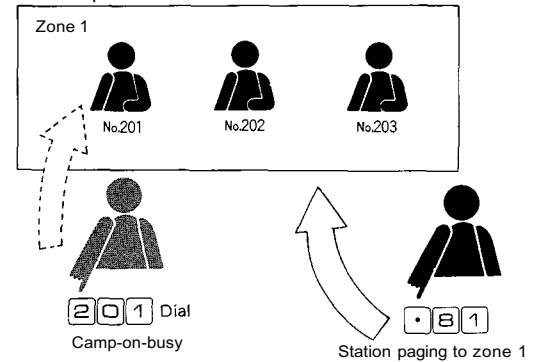
Note 5: Use of both station paging priority and external paging: Station paging priority interrupts calls in stations of zones 1 through 7 for both station and external paging. If station paging and external paging are used simultaneously, allocate station paging to zones 1 through 7 and external paging to zones 8 through 15.

Note 6: Use of both priority station paging and external paging within 7 zones: When responses are required for priority station paging but not for external PA paging, No.200 registration of the station allocation tables for the paging zones should be done only for station paging. Calls are not interrupted during external paging, in this case.

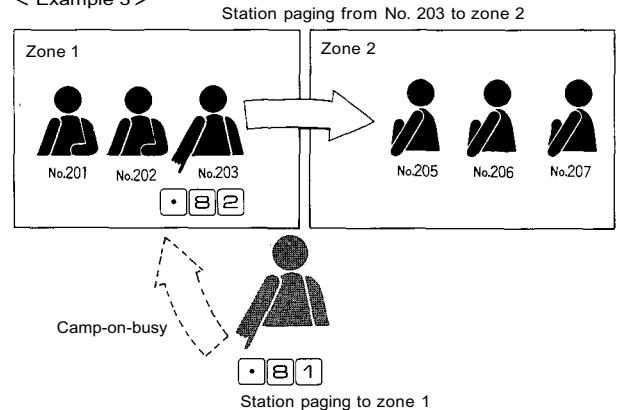
< Example 1 >



< Example 2 >



< Example 3 >



Programming for Example 1, 2 and 3

Zone numbers	First station number	Last station number
1	2 0 1	2 0 3
2	2 0 5	2 0 7
3	2 1 0	2 1 9
4		
5		
6		
7		
8		
9		
1 0		
1 1		
1 2		
1 3		
1 4		
1 5		

Required for station paging

Required for external PA paging response

If you wish to receive personal number paging calls, you may register your personal number at any station assigned in your desired paging zone by dialing

6 1 X X X confirmation tone is heard.

Your personal number

A calling party who wishes to speak to you can page you automatically in the specific zone if he dials your personal number.

1 X X X X

Your personal number

To respond to a paging call, press **9** on the nearest master station.

This function allows those who are frequently away from their original station to be paged automatically in the area where they are available, if personal number registration is done.

When you move from that registered area to another, make the same programming again.

When you leave the office, cancel the personal number registration, which may be done from any station by dialing

• 1 X X X X confirmation tone is heard.

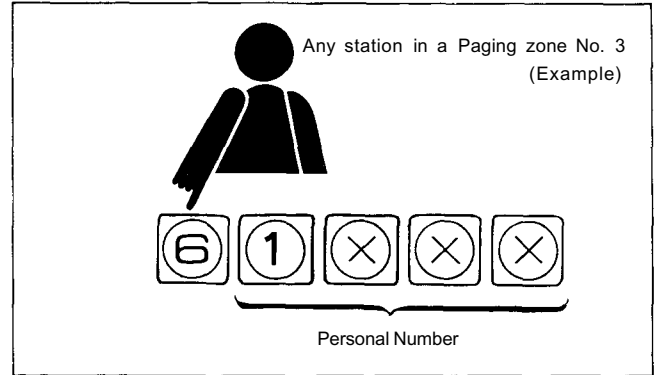
Your personal number

With your personal number cancelled, any incoming call to your number will be answered by a dial tone, indicating that you are not available.

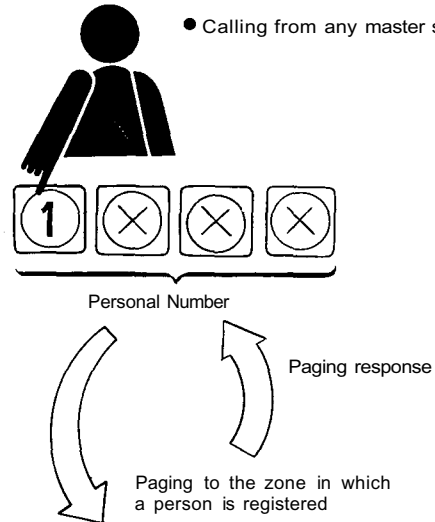
Note.

1. There is no limit to the number of personal numbers that may be registered at any single station, but the personal numbers which are used in this function are No.1000 through 1499.
2. Either the personal number call function or the personal number paging function is selectable.
3. No.200 programming of station numbers assigned to each paging zone must be done for the **9** response.
4. In the systems where the zone number must be pressed to respond to a paging call, dial **9 (X) X** for paging response.

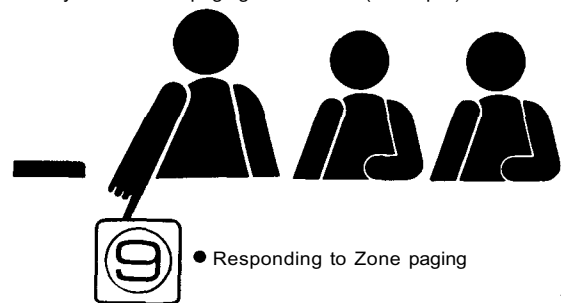
• Registering a Personal Number



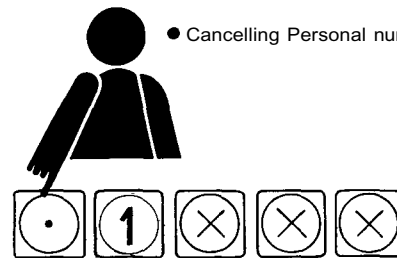
• Calling from any master station



Any station in a paging zone No. 3 (Example)



• Cancelling Personal number



Cancellation is possible at any station

If you wish to receive personal number paging calls, you may register your personal number at any station assigned in your desired paging zone by dialing

• **61XXXX** confirmation tone is heard.

Your personal number

A calling party who wishes to speak to you can page you automatically in the specific zone if he dials your personal number.

1XXXX

Your personal number

To respond to a paging call, press **9** on the nearest master station.

This function allows those who are frequently away from their original station to be paged automatically in the area where they are available, if personal number registration is done.

When you move from that registered area to another, make the same programming again.

When you leave the office, cancel the personal number registration, which may be done from any station by dialing

•• **1XXXX** confirmation tone is heard.

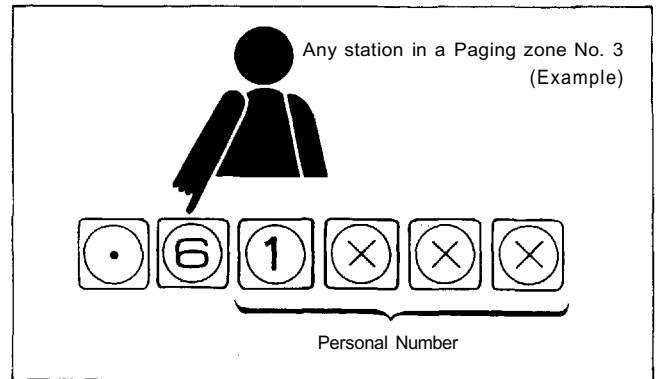
Your personal number

With your personal number cancelled, any incoming call to your number will be answered by a dial tone, indicating that you are not available.

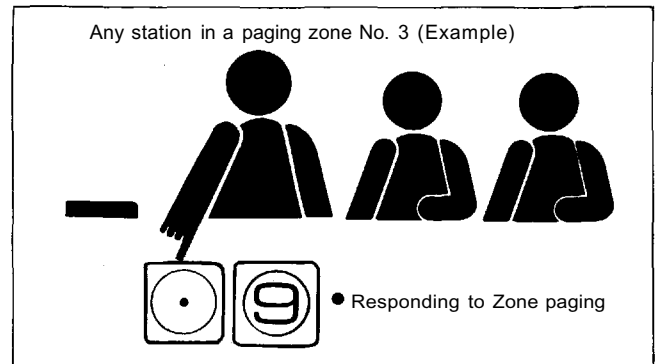
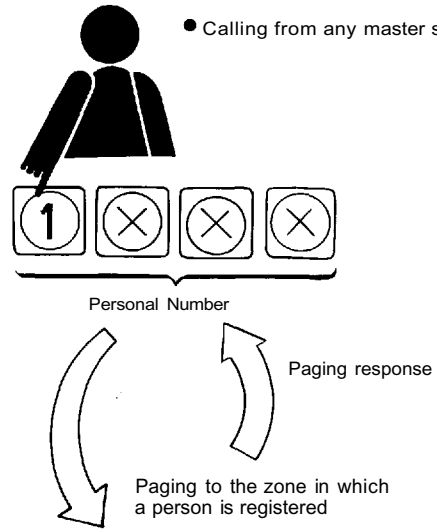
Note.

1. There is no limit to the number of personal numbers that may be registered at any single station, but the personal numbers which are used in this function are No. 1000 through 1499.
2. Either the personal number call function or the personal number paging function is selectable.
3. No.200 programming of station numbers assigned to each paging zone must be done for the **9** response.
4. In the systems where the zone number must be pressed to respond to a paging call, dial **9(XX)X** for paging response.

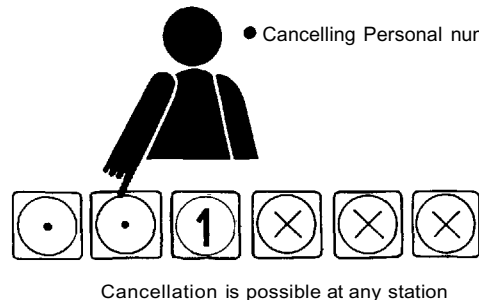
● Registering a Personal Number



● Calling from any master station



● Cancelling Personal number



If you wish to receive personal number paging calls, you may register your personal number at any station assigned in your desired paging zone by dialing

• 6 1 X X X confirmation tone is heard.

Your personal number

A calling party who wishes to speak to you can page you automatically in the specific zone if he dials your personal number.

1 X X X

Your personal number

To respond to a paging call, press 9 on the nearest master station.

This function allows those who are frequently away from their original station to be paged automatically in the area where they are available, if personal number registration is done.

When you move from that registered area to another, make the same programming again.

When you leave the office, cancel the personal number registration, which may be done from any station by dialing

• • 1 X X X confirmation tone is heard.

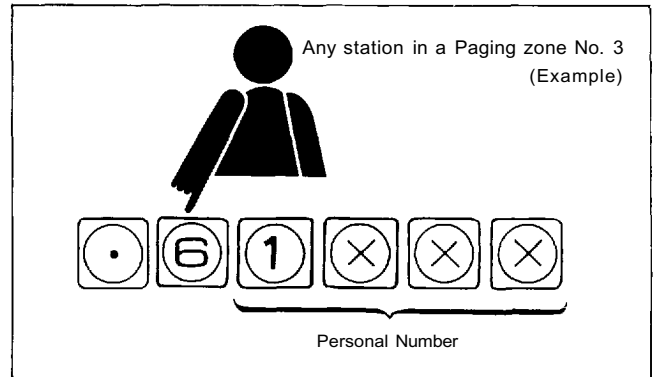
Your personal number

With your personal number cancelled, any incoming call to your number will be answered by a dial tone, indicating that you are not available.

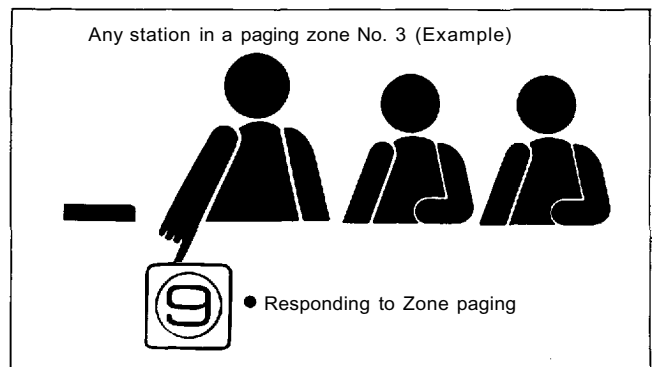
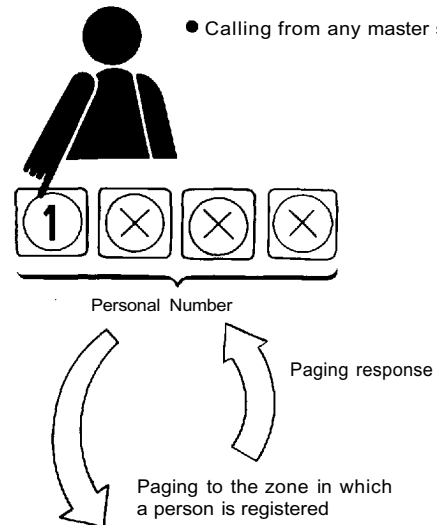
Note.

1. There is no limit to the number of personal numbers that may be registered at any single station, but the personal numbers which are used in this function are No. 1000 through 1499.
2. Either the personal number call function or the personal number paging function is selectable.
3. No.200 programming of station numbers assigned to each paging zone must be done for the 9 response.
4. In the systems where the zone number must be pressed to respond to a paging call, dial 9 (X) X for paging response.

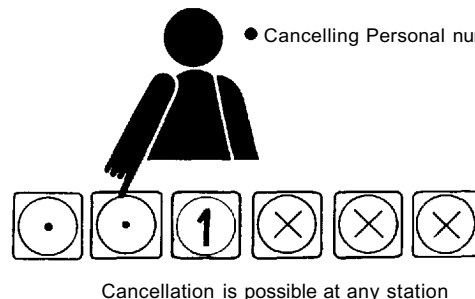
● Registering a Personal Number



● Calling from any master station



● Cancelling Personal number



Programmable Station Numbering

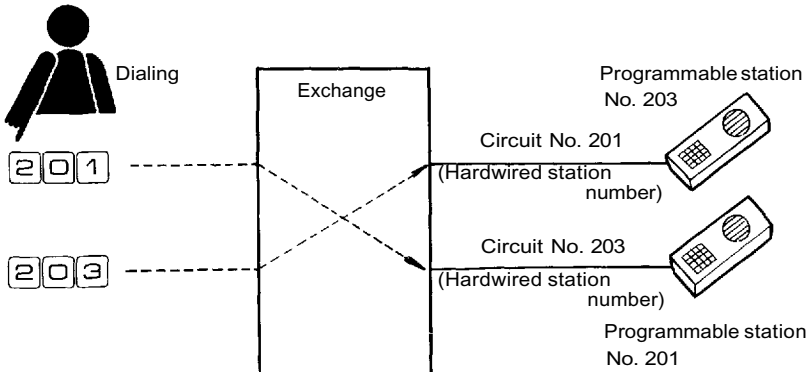
This function allows the system to have "Programmable station numbers", other than the "Hardwired station numbers" by programming.

The unprogrammed stations (unit station numbers) are used as original hardwired station numbers.

Type of dial operation	Hardwired station number	Programmable station number
Type 1	With Personal number	No.200 ~ 327
	Without Personal number	No.100~227
Type 2	With Personal number	No.200 ~ 327
	Without Personal number	No.100 ~ 227
Type 3	With Personal number	No.20 ~ 79
	Without Personal number	No.10 ~ 79
Type 4	With Personal number	No.20 ~ 99
	Without Personal number	No.10 ~ 99

1. Numbering schedules can be changed easily by programming in stead of rewiring.
2. Numbering schedule (such as 200's (20's), 300's (30's), 900's (90's)) is available for convenient office differentiation, (architectual numbering).
3. Normally, station numbers which are included in a station paging zone must be sequential, but programmable station numbers can be randomly included in a station paging zone.

4. This function is programmed at station No. 200. Please see Installation Instructions for EXES-6000 CP-62.



< Example >

Hardwired station number	Programmable station number
2 0 1	2 0 1
2 0 2	2 0 2
2 0 3	
2 0 4	3 0 1
2 0 5	3 0 2

Department 1 (rows 1-2)
Department 2 (rows 4-5)

Hardwired station number	Programmable station number
2 0 1	2 0 1
2 0 2	2 3 1
2 0 3	2 4 1

Station paging zone (rows 1-3)

Hardwired station number	Programmable station number
2 0 0	→
2 0 1	2 0 3
2 0 2	→
2 0 3	2 0 1
3 2 6	→
3 2 7	→

5. People operating the intercom stations need not be aware of the Hardwired station numbers. However, care must be taken when programming using station No. 200 in the exchange, as hardwired station numbers must be used for that purpose.

Group Blocking

Function (A) . . . The system can be grouped or divided into a maximum of 8 groups of stations with sequential station numbers. Stations in the group cannot call another.

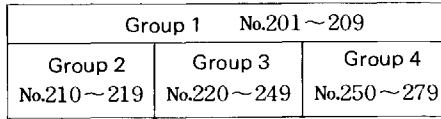


Fig. 1

< Example >

Function (B) . . . The group can call and/or be called by any other group (s) by programming.

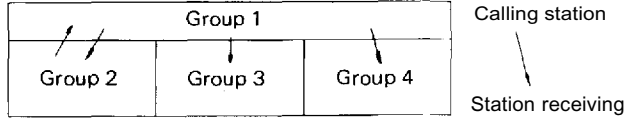


Fig. 2

Function (C) . . . The paging zone number (all-call, individual zone and combination) which each group can call is programmable. (No distinction is made between external and station paging.)

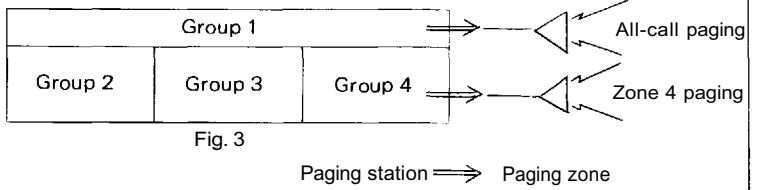


Fig. 3

Paging station ==> Paging zone

Note.

- When the paging call is made, the group of stations to which the response is made is restricted by Function B. Function B permits the normal station call in the direction of the arrows. Its paging response can be made in the opposite direction of the arrows. (Refer to Fig. 4)

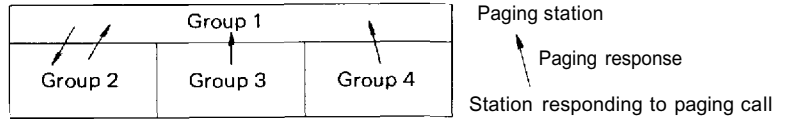


Fig. 4

< Example of Paging response >

When the programming is set up for the normal station call as is shown in Fig. 2, the paging response is only possible in the direction of the arrows of Fig. 4.

Note.

- To use this function, station No. 200 programming of the allocated station number, group, paging zone, etc., must be set up in the exchange. For further details, please refer to Installation Hand Book for EXES-6000CP-62.

< Programming for Fig. 1, 2, 3 and 4 >

Function registration (A)		Function registration (B)								Function registration (C)																											
Station for each group Group No. of calling station		Group No. of station receiving call								Paging zone of station receiving call																											
										All-call		Zone No.										Combination zone No.															
First station number	Last station number	1	2	3	4	5	6	7	8	X	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	90	91	92	93	94	95	96	97	98	99	
201	209	1	⊙	⊙	⊙	⊙					⊙	⊙																									
210	219	2	⊙	⊙																																	
220	249	3			⊙																																
250	279	4				⊙										⊙																					
		5					⊙																														
		6						⊙																													
		7							⊙																												
		T								⊙																											
Station not in group		X	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	

This chart shows the possibilities for one sample set of conditions.

- ⊙ indicates that registration is not necessary.
- × indicates that the station is not within the group.

< Example >

Programmable Restricted Access for Stations

Stations which can use the 6 groups of following functions must be programmed, so as to restrict access to those functions by those stations not programmed.

1. All-call paging
 (•) 8 (□) □

2. Conference
 (•) 5 X X X
 Station number

3. General purpose control
 Mode 1 (One-shot make output)
 • 3 (X) X X
 00 ~ 49
 000 ~ 499

4. General purpose control
 Mode 2 (Make/break output)
 • 3 5 (X) X X
 00 ~ 99
 000 ~ 511
 • 3 6 (X) X X
 00 ~ 99
 000 ~ 511

5. General purpose control
 Mode 3 (8 selectable one-shot make output)
 • 3 7 X Y
 1 ~ 9 1 ~ 8
 Unit No. Condition No.

General purpose control
 Mode 4 (8 selectable output or decimal output)
 • 3 8 (X) X Y
 01 ~ 64 1 ~ 8, 0 (clear)
 (01 ~ 99) (0 ~ 9)
 Unit No. Condition No.

6. General purpose control
 Mode 5 (4 decimal digits output)
 • 3 9 X Y Y Y Y
 1 ~ 9 0000 ~ 9999
 (Unit No.) (4-digits)

- For a conference call, only those stations allowed to use the conference link can dial. The other members of the conference need not be allowed conference access.
- No. 200 programming of the specified station must be made in the exchange. For further details, please refer to Installation Hand Book for EXES-6000 CP-62.

Selectable Calling Tone

The duration of the calling tone can be set for either 0.2 second (single note tone) or 0.3 second (warble tone). It is also possible to have the station without any calling tone.

Note.

1. The duration of the continuous calling tone is impossible to change.
2. Different modes of the duration of the calling tone may not be employed in each station within the same system.

Selectable Paging Pre-Announcement Tone Duration

The duration of the all-call and zone paging tones can be set for either 2 seconds ("long") or 1 second ("short"). It is also possible to have the system without any paging pre-announcement tone.

Time-Out of Conversation

It is possible to limit the conversation duration to one through ninety-nine minutes in the unit of one minute in order to improve speech path availability. A hurry-up tone is sounded in both the calling and called stations approximately 10 seconds before the busy stations are automatically disconnected from the speech path.

Time-Out of Paging Call

This function is employed to prevent the unnecessary line occupation as a result of a paging party's failure to depress the key after a paging call establishment. The paging call is automatically cancelled after a certain period of time, which may be set at one through ninety-nine minutes in the unit of one minute, with a hurry-up tone transmitted to the paging station approximately 10 seconds prior to the automatic disconnection. When the paged party responds, the conversation is automatically cut off after the duration set by the Time-out of conversation function.

The in/out annunciation indicators can be turned on or off from any master station by using the personal number registering procedure.

When a personal number registration is made at a station, by dialing

Ⓜ 1 X X X

1000~1499 (personal number)

the personal number is registered at that station and the personal number lamp on the in/out indication panel is turned on.

Personal number call
By dialing

1 X X X

1000~1499 (personal number)

from any station, the call is put through to the station registered with the personal number.

Cancelling personal number and turning off in/out annunciation.

By dialing

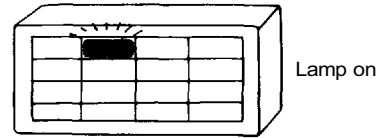
• 1 X X X

1000~1499 (personal number)

from any station, the personal number is cancelled and the personal number lamp on the in/out indication panel is turned off.

1. The maximum number of in/out annunciation windows is 500.
2. The in/out indication panel must be used with the Data Transmitting and Receiving Units (DT-E11 and DR-B61).
3. For further details, please refer to Installation Hand Book for EXES-6000 CP-62 and Instructions for the Data Transmitting and Receiving Units.

In/out indication panel

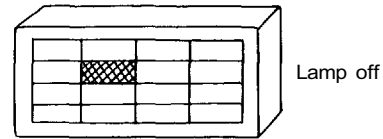


Lamp on

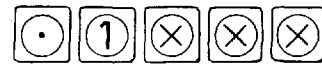


Personal number

In/out indication panel



Lamp off



Personal number

The in/out annunciation indicator can be turned on or off from any master station by using the personal number registering procedure.

When a personal number registration is made at a station, by dialing

• 6 1 X X X

1000~1499 (personal number)

the personal number is registered at that station and the personal number lamp on the in/out indication panel is turned on.

Personal number call

By dialing

1 X X X

1000~1499 (personal number)

from any station, the call is put through to the station registered with the personal number.

Cancelling personal number and turning off in/out annunciation.

By dialing

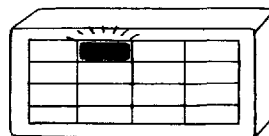
• • 1 X X X

1000~1499 (personal number)

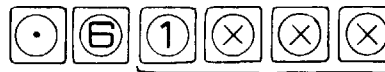
from any station, the personal number is cancelled and the personal number lamp on the in/out indication panel is turned off.

1. The maximum number of in/out annunciation windows is 500.
2. The in/out indication panel must be used with the Data Transmitting and Receiving Units (DT-E11 and DR-B61).
3. For further details, please refer to Installation Handbook for EXES-6000 CP-62 and Instructions for the Data Transmitting and Receiving Units.

In/out indication panel

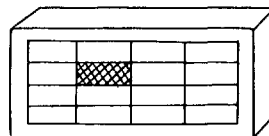


Lamp on

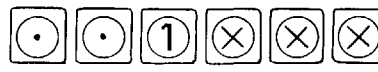


Personal number

In/out indication panel



Lamp off



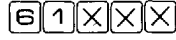
Personal number

Destination Annunciation Indication

Type 1

When a personal number is registered at the station of the destination a person has moved to, the corresponding lamp on the destination indication panel comes on, indicating where he is.

When a personal number registration is made at any station (No. 201 ~232) by dialing

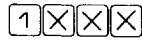


1000 ~ 1031 (personal number)

the personal number is registered at that station and the registered station's lamp on the destination indication panel comes on. No personal number (1032 ~ 1499) that has been registered is indicated on the panel. Registering the same personal number at another station causes the original station's lamp to extinguish and the new station's lamp to come on.

Personal number call

By dialing

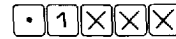


1000 ~ 1499 (personal number)

from any station, the call is put through to the station registered with the personal number.

Cancelling Personal number registration and turning off Destination indication

By dialing



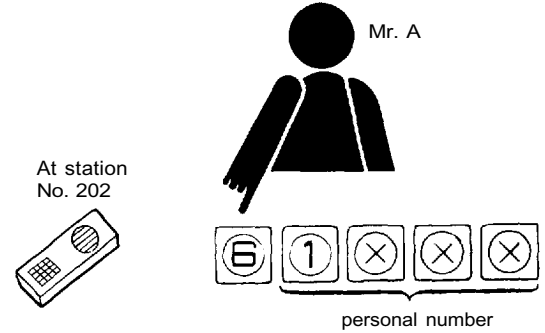
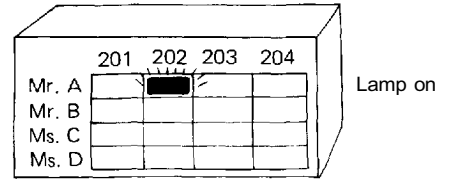
1000 ~ 1031 (personal number)

from any station, the personal number program is cancelled and the registered station's lamp on the destination indication panel goes out.

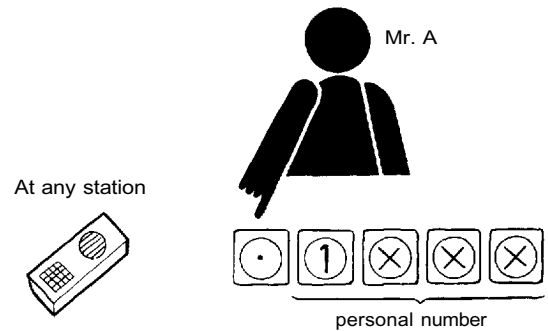
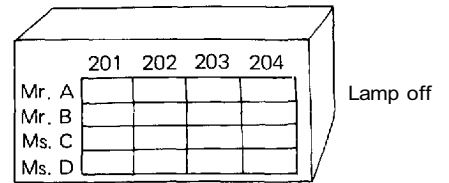
Note.

1. The personal numbers which may be assigned to this function are from No. 1000 through 1031.
2. The station numbers which may be assigned to this function are No. 201 through 232. Registering the personal number at any other station than those specific stations causes the lamp of station registered with the same personal number to go out.
3. The destination indication panel must be made with use of the Data Transmitting and Receiving units. For further details, please refer to instruction manuals for the DT-E11 and the DR-B61.

The lamp on the Destination panel is turned on

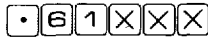


The lamp on the Destination panel is turned off



When a personal number is registered at the station of the destination a person has moved to, the corresponding lamp on the destination indication panel comes on, indicating where he is.

When a personal number registration is made at any station (No. 201 ~ 232) by dialing

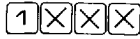


1000 ~ 1031 (personal number)

the personal number is registered at that station and the registered station's lamp on the destination indication panel comes on. No personal number (1032 ~ 1499) that has been registered is indicated on the panel. Registering the same personal number at another station causes the original station's lamp to extinguish and the new station's lamp to come on.

Personal number call

By dialing

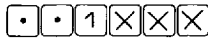


1000 ~ 1499 (personal number)

from any station, the call is put through to the station registered with the personal number.

Cancelling Personal number registration and turning off Destination indication

By dialing



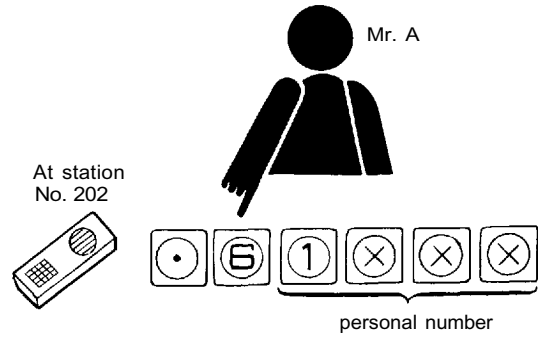
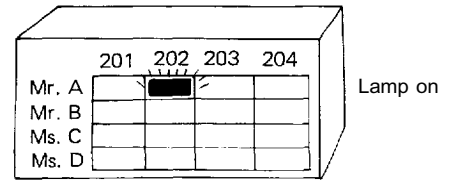
1000 ~ 1031 (personal number)

from any station, the personal number program is cancelled and the registered station's lamp on the destination indication panel goes out.

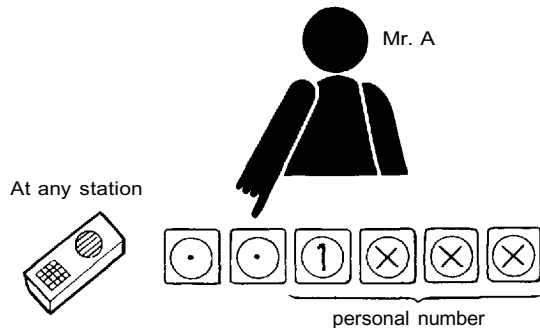
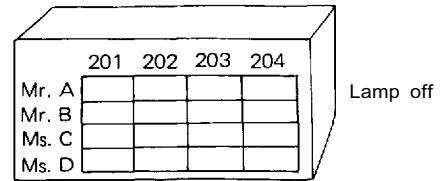
Note.

1. The personal numbers which may be assigned to this function are from No. 1000 through 1031.
2. The station numbers which may be assigned to this function are No. 201 through 232. Registering the personal number at any other station than those specific stations causes the lamp of station registered with the same personal number to go out.
3. The destination indication panel must be made with use of the Data Transmitting and Receiving units. For further details, please refer to instruction manuals for the DT-E11 and the DR-B61.

The lamp on the Destination panel is turned on



The lamp on the Destination panel is turned off



Calling Party Indication (Lamp Type)

A one station/one lamp type calling party indication panel can be provided for certain specified stations (eight stations or eight groups of stations)

The system can also be divided into a maximum of 8 groups of stations (consecutive station numbers) so that each group may have the calling party indication panels which are common within the group. The party making the call is indicated even if the call is made to any station in the group.

<Calling station memory>

It is also possible to equip the system with the "Calling station Memory" function. Adopting this function causes the calling party's lamp on the indication panel to keep on lighting even if he cancels the call when the called party is on other line or in Privacy mode.

< Indication mode without calling station memory >

1. A lamp of the calling station comes on and goes out when the conversation is over.
2. When the call is made during conversation or privacy mode, a lamp of the calling station comes on and goes out when the calling station cancels the call.

< Indication mode with calling station memory >

1. The lamp at the station receiving the call comes on when a call is made and goes out when the conversation is completed.
2. When a call (camp-on-busy) is made to the busy or the privacy station (with the privacy switch on), the lamp of calling station comes on. The lamp will not go out even if the original call is cancelled.
3. The lamp goes out after the conversation is cancelled.
4. Dialing



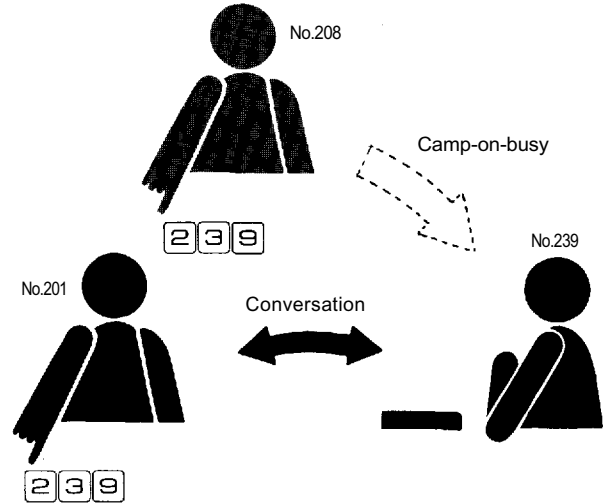
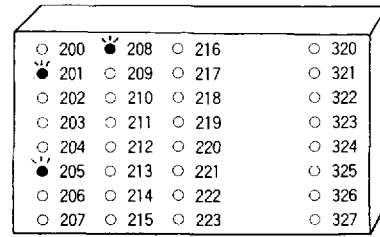
without placing a call causes all lights to go out. *1

Note.

*1. In the case of Handset Master station TL-600M, lift a station handset and confirm that a dial tone is heard. Press after cancelling the dial tone by pressing .

1. The maximum number of calling stations is 128.
2. The indication panel must be used with the Data Transmitting and Receiving Units. For further details, please refer to Installation Hand Book for CP-62 and Instructions for the Data Transmitting and Receiving Units.

Indication panel at station No. 239



Example of registration

Indication panel	First station number	Last station number
1		
2	239	239
3		
4		
5	251	255
6		
7		
8		

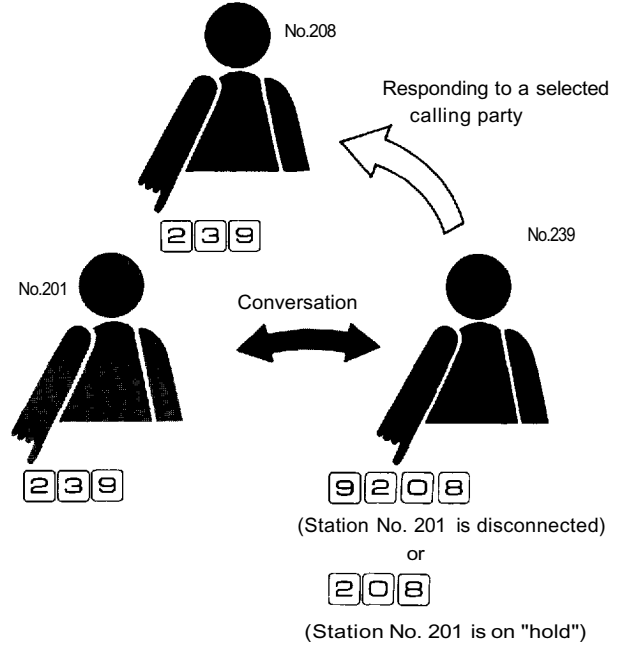
1. Station No. 239 has the indication panel No.2.
2. The group of stations No. 251-255 is provided with the indication panel No. 5.

< Calling party selection >

1. When there are more than 2 incoming calls to a busy station, the calling parties' lamps on the indication panel come on. The called party may select the calling party he wishes to respond to by touch dialing **9** plus **XXXX** (desired calling party's number). In this event, the original conversation is finished.
2. In the event that a station in the busy mode receives a call that is indicated on the indication panel, by touch dialing **XXXX** (the calling party's number), the called party is put through to the calling party, while the original conversation partner is placed on "hold" temporarily. (Refer to "Call Transfer" and "Call Back".)

Indication panel at station No. 239 **Type 1, 3**

<input type="radio"/> 200	<input checked="" type="radio"/> 208	<input type="radio"/> 216	<input type="radio"/> 320
<input checked="" type="radio"/> 201	<input type="radio"/> 209	<input type="radio"/> 217	<input type="radio"/> 321
<input type="radio"/> 202	<input type="radio"/> 210	<input type="radio"/> 218	<input type="radio"/> 322
<input type="radio"/> 203	<input type="radio"/> 211	<input type="radio"/> 219	<input type="radio"/> 323
<input type="radio"/> 204	<input type="radio"/> 212	<input type="radio"/> 220	<input type="radio"/> 324
<input checked="" type="radio"/> 205	<input type="radio"/> 213	<input type="radio"/> 221	<input type="radio"/> 325
<input type="radio"/> 206	<input type="radio"/> 214	<input type="radio"/> 222	<input type="radio"/> 326
<input type="radio"/> 207	<input type="radio"/> 215	<input type="radio"/> 223	<input type="radio"/> 327



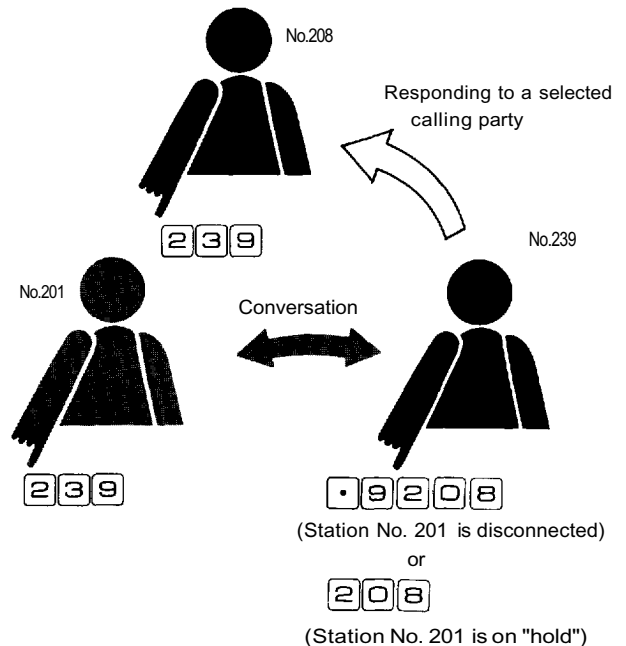
Type 2, 4

< Calling party selection >

1. When there are more than 2 incoming calls to a busy station, the calling parties' lamps on the indication panel come on. The called party may select the calling party he wishes to respond to by touch dialing **9** plus **XXXX** (desired calling party's number). In this event, the original conversation is finished.
2. In the event that a station in the busy mode receives a call that is indicated on the indication panel, by touch dialing **XXXX** (the calling party's number), the called party is put through to the calling party, while the original conversation partner is placed on "hold" temporarily. (Refer to "Call Transfer" and "Call Back".)

Indication panel at station No. 239

<input type="radio"/> 200	<input checked="" type="radio"/> 208	<input type="radio"/> 216	<input type="radio"/> 320
<input checked="" type="radio"/> 201	<input type="radio"/> 209	<input type="radio"/> 217	<input type="radio"/> 321
<input type="radio"/> 202	<input type="radio"/> 210	<input type="radio"/> 218	<input type="radio"/> 322
<input type="radio"/> 203	<input type="radio"/> 211	<input type="radio"/> 219	<input type="radio"/> 323
<input type="radio"/> 204	<input type="radio"/> 212	<input type="radio"/> 220	<input type="radio"/> 324
<input checked="" type="radio"/> 205	<input type="radio"/> 213	<input type="radio"/> 221	<input type="radio"/> 325
<input type="radio"/> 206	<input type="radio"/> 214	<input type="radio"/> 222	<input type="radio"/> 326
<input type="radio"/> 207	<input type="radio"/> 215	<input type="radio"/> 223	<input type="radio"/> 327



Calling Party Indication (Numerical Type)

A numerical type calling party indication panel can be provided for certain specified stations (32 stations from No. 201 to No. 232).

1. The party receiving the call is indicated in the area for the calling station number with 7 segment display.
2. When a call is made to the busy or the privacy station (with the privacy switch on), the number of the calling party is indicated in the area for the waiting station and as a 1 in the number of waiting stations area. If there are other stations waiting, the station numbers are stored but not indicated. A maximum of 8 waiting stations can be indicated. Even if a call is cancelled by a waiting station, the indication is not cancelled.
3. When a call is placed to a station in the waiting station mode, the next stored waiting station is indicated.
4. If a call is cancelled at the completion of a call, the indication is turned off.
5. To cancel a waiting station number without calling, dial

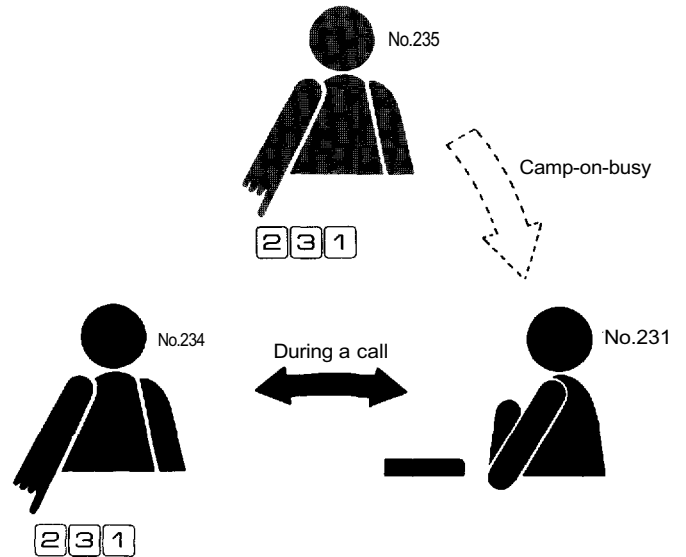
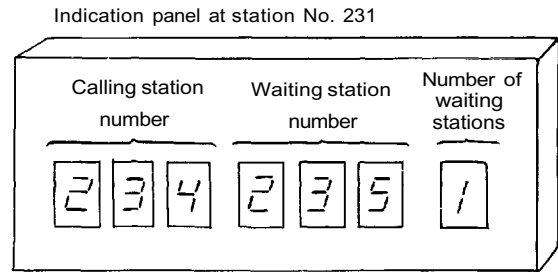


to have the next station number indicated. *1

Note.

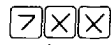
- *1. In the case of Handset Master station TL-600M, lift a station handset and confirm that a dial tone is heard. Press after cancelling the dial tone by pressing .

1. If the number of waiting stations exceeds 8, the indication for the station that has been waiting for the longest period of time is cancelled and the next station moves into that place.
2. When 2-digit dialing is specified, the station number is also indicated as a 2-digit number.
3. The indication panel must be used with the Data Transmitting and Receiving Units. For further details, please refer to the Installation Hand Book for CP-62 and Instructions for the Data Transmitting and Receiving Units.



The system can be connected with usual type Pocket pager using the interface with Make/break relay output.

1. Dial



(00 ~ 99, Pager No.)

and the pager is called after confirmation tone is heard.

2. When

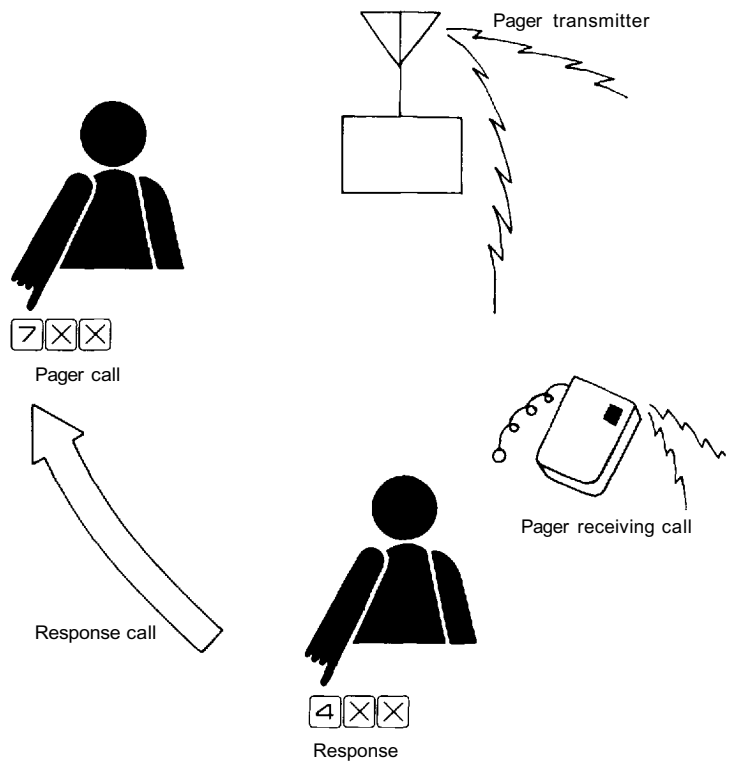


(00 ~ 99 (Pager No.))

is dialed by the party called from the nearest master station, it is possible to respond a call to the station.

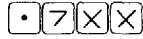
Note.

1. Once a receiver is called from one station and a response is waited for, camp-on-busy will result for other callers. But, if a response to the call is not received within 3 minutes, the terminal can be called from a new calling station.
2. If the pager is called after confirmation tone is heard, a calling station is disconnected from the speech line and waits for a response while the relay for pager transmission is kept in the Make position till a response is made. The station which waits for a response can be called from the other stations.
3. The other stations can call the other pagers while one station makes a call and is waiting for a response.
4. Dialing 4 X X X (pager number that is called) cancels calling the pager if the wrong number has been pressed.
5. For further details, please refer to the Installation Hand Book for CP-62 and Instructions for the Data Transmitting and Receiving Units.



The system can be connected with usual type Pocket pager using the interface with Make/break relay output.

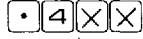
1. Dial



(00 ~ 99, Pager No.)

and the pager is called after confirmation tone is heard.

2. When

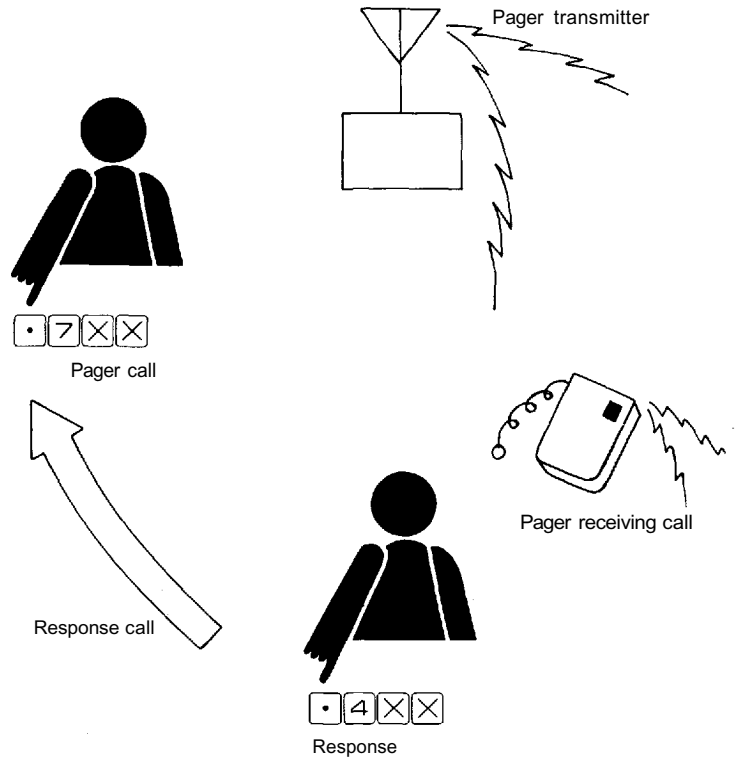


(00 ~ 99 (Pager No.))

is dialed by the party called from the nearest master station, it is possible to respond a call to the station.

Note.

1. Once a receiver is called from one station and a response is waited for, camp-on-busy will result for other callers. But, if a response to the call is not received within 3 minutes, the terminal can be called from a new calling station.
2. If the pager is called after confirmation tone is heard, a calling station is disconnected from the speech line and waits for a response while the relay for pager transmission is kept in the Make position till a response is made. The station which waits for a response can be called from the other stations.
3. The other stations can call the other pagers while one station makes a call and is waiting for a response.
4. Dialing (pager number that is called) cancels calling the pager if the wrong number has been pressed.
5. For further details, please refer to the Installation Hand Book for CP-62 and Instructions for the Data Transmitting and Receiving Units.



General Purpose Control

Station may be restricted from access to this function. This function can control other equipments by employing the Data Transmitting and Receiving Units.

Select the required type of output.

(Mode 1) One-shot make output (500/50 contacts)

Dial

• 3 (X) X X

00 ~ 49
(000 ~ 499)

and the relay output is made for 1 to 2 seconds.

Example: Door remote and VTR control

Note: Operation performed even when all link circuits are occupied.

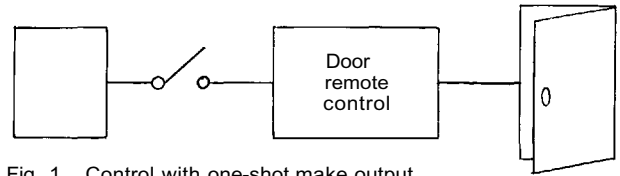


Fig. 1 Control with one-shot make output

(Mode 2) Make/break output (512/100 contacts)

Dial

• 3 5 (X) X X

00 ~ 99
(000 ~ 511)

and the make output is sent out.

Dial

• 3 6 (X) X X

00 ~ 99
(000 ~ 511)

and the break output sent out.

Example: In/out annunciation, Prescription annunciation.

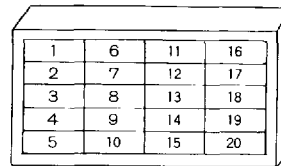


Fig. 2 Lamp on/off indication panel

(Mode 3) 8-selectable one-shot make output (9 units)

Dial

• 3 7 X Y

1 ~ 9 1 ~ 8
Unit No. Contact No.

and one contact out of 8 selectable make outputs is obtained for about 1 or 2 seconds.

Example: VTR control

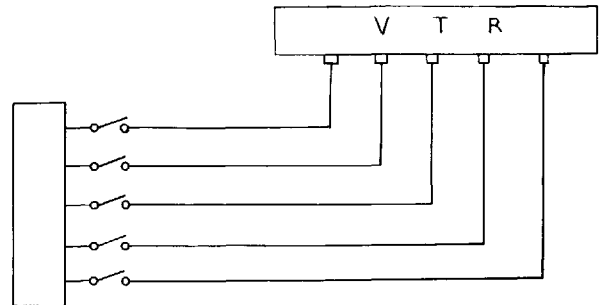


Fig. 3 VTR control with 8-selectable one-shot make output

(Mode 4) 8 selectable make output and/or decimal output

(A) 8 selectable make output (64/9 units)

Dial

• 3 8 (X) X Y

1 ~ 9 1 ~ 8, 0 (Clear)
(01 ~ 64) Condition No.
Unit No.

and one of the 8 relay outputs is made. "Clear" operation makes all 8 relays break.

Example: Destination indication, room condition indication, ITV control

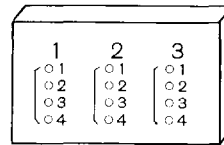


Fig. 4 8 selectable output type indication panel

(B) Decimal output

Dial

• 3 8 (X) X Y

1 ~ 9 0 ~ 9
(01 ~ 64) Condition No.
Unit No.

and the condition is indicated numerically.

Example: Destination indication, room condition

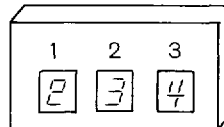


Fig. 5 Decimal output type indication panel

(Mode 5) 4 decimal digits output

Dial

• 3 9 X Y Y Y Y

1 ~ 9 0000 ~ 9999
Unit No. 4 decimal digits

and 4 decimal digits are indicated.

Example: Prescription annunciation

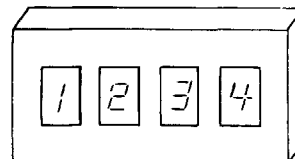


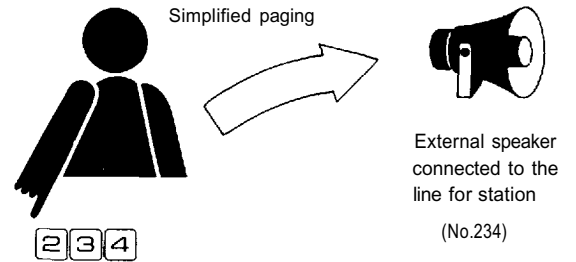
Fig. 6 4 decimal digits type indication panel

Simplified Paging

If an external speaker is connected instead of a station, simplified paging can be made without the PA amplifier if the caller dials that station number and makes a paging call.

Note.

For further details, please refer to "Installation Handbook for Exchange EX-610/620."



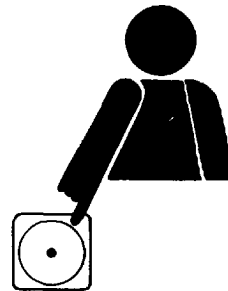
Clear Entry and Conversation Over

1. Clear entry

In the event that an error has been made when dialing for Transfer or Conference, at the start of or during the conversation, dial




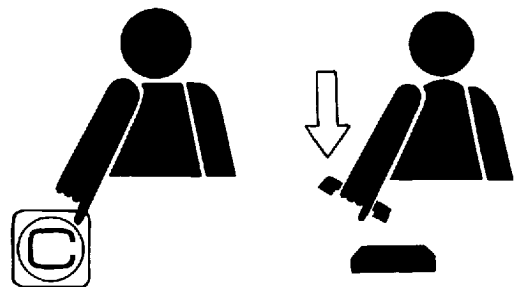
This will restore the condition before the error was made, allowing the caller to make a correction without interrupting the call.



2. Conversation over

To terminate conversation, dial

 or hang up a handset





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