

OMEGATREK™

Digital Wireless Portable Station

Instruction Manual (Pre-Release Edition)



IWATSU
TELECOMMUNICATIONS PRODUCTS

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Pre-Release Edition October 2000

Printed in the United States of America

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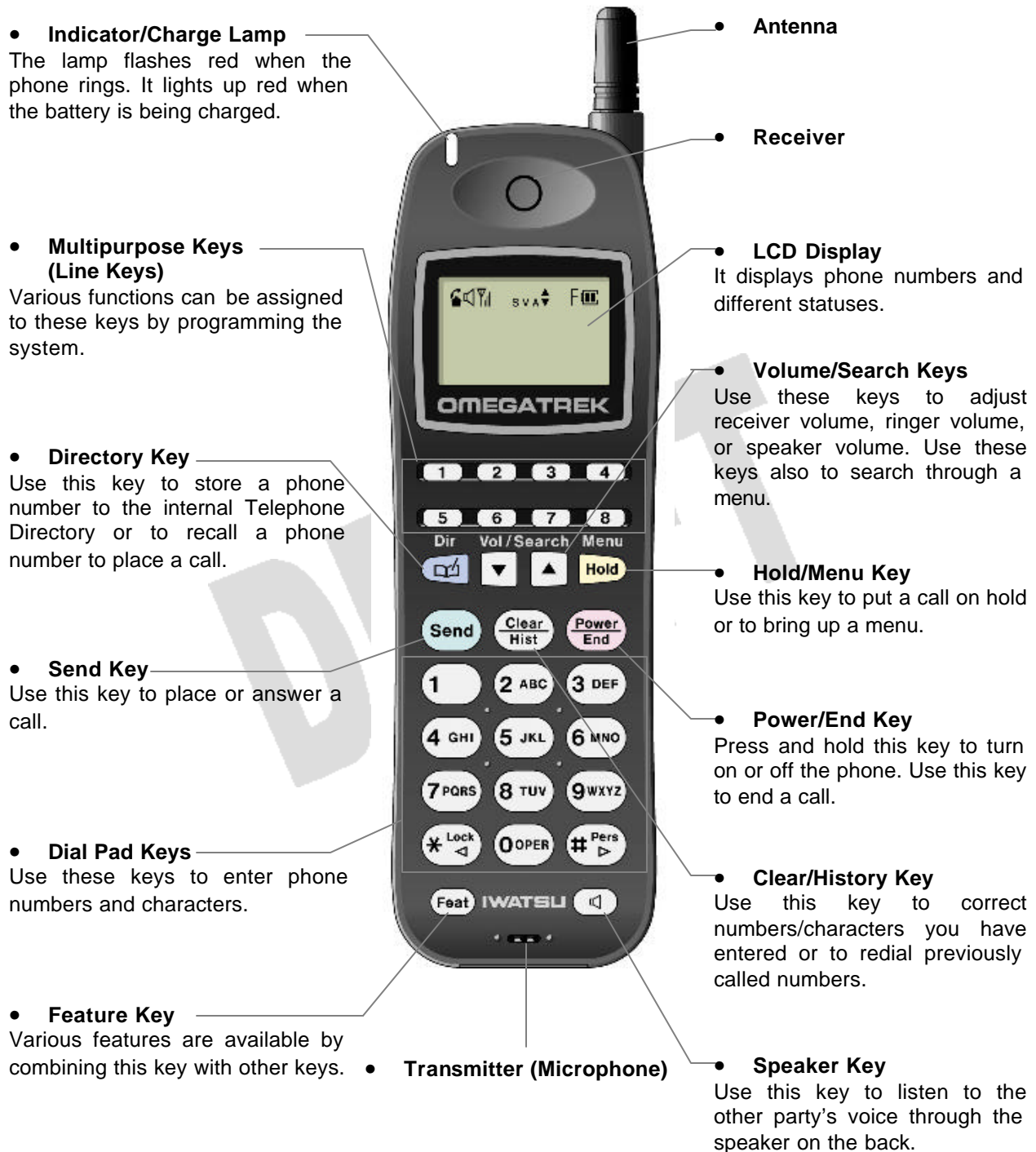
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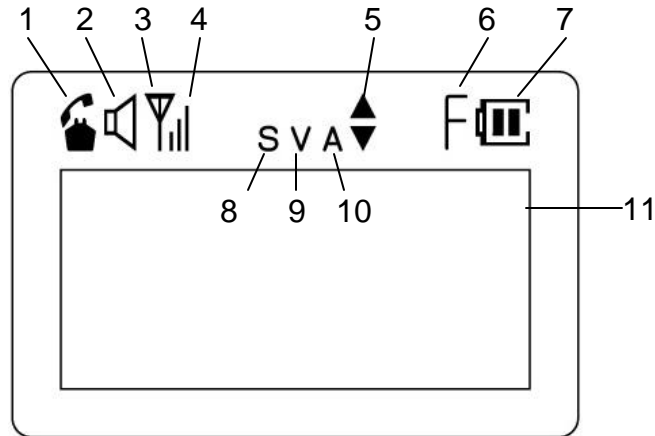
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1. Introduction

Part Names and Descriptions



LCD Display



1	Telephone	Blinks while the personal station is trying to establish a communication with a base station and stays on once it is established.
2	Speaker	Indicates that the speaker is on.
3	Antenna	Indicates that the portable station can communicate with the base station.
4	Signal Strength	Shows the strength of the signal received from the base station. Make sure that you see at least two bars to place a call.
5	Scroll	Indicates that you can scroll the screen with [] or [].
6	Feature	Indicates that you are using a feature with the Feature key.
7	Battery	Shows the level of battery charge. When you see only the outline of the Battery icon, start recharging the battery immediately. The outline starts blinking when the battery charge becomes too low.
8	Silent	Indicates that the portable station will not ring when it receives a call.
9	Vibration	Indicates that the portable station will vibrate when it receives a call.
10	Alarm	Indicates that alarm is set.
11	Dot Matrix Area	Displays phone numbers and different statuses.

LED Status Indicators

Type	Lamp Pattern	Status
Multipurpose Keys	Flashing (Green)	You are talking on the portable station.
	Steady ON (Red)	Someone else is talking on another extension.
	Slow <i>Long ON–Short OFF</i> Flashing (Red)	Your portable station is receiving a call.
	Slow <i>Short ON–Long OFF</i> Flashing (Red)	A call is on hold on another extension.
	Three Quick Blinks and Steady ON (Green)	A call is on hold on your extension.
Dial Pad	Steady ON (Green)	You are operating the dial pad keys.
Indicator/Charge Lamp	Steady ON (Green)	The battery is almost fully charged.
	Steady ON (Red)	The battery is being recharged.
	Slow Flashing (Red)	Something is wrong with the battery, and it cannot be recharged.
	Flashing (Red)	Your portable station is receiving a call.

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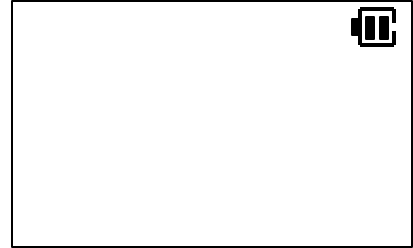
2. Before You Start

You Cannot Use Your Portable Station When—

You do not see the Antenna icon.

When the portable station is outside the service area or receiving a weak signal in the service area, you cannot place or receive phone calls.

Go to an area where the portable station can receive a stronger signal for bringing up the Antenna icon.



You press a key and see **KEY LOCK** on the display.

The Key Lock feature is enabled to prevent unintentional key operations.

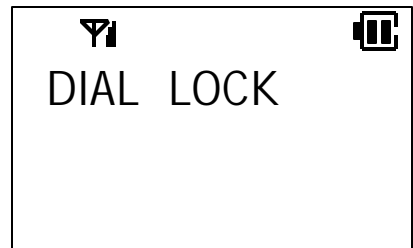
Disable the Key Lock feature.



You press a key and see **DIAL LOCK** on the display.

The Dial Lock feature is enabled to prevent unauthorized outgoing calls.

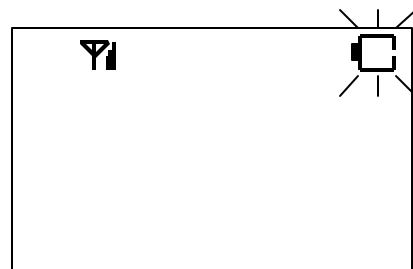
Disable the Dial Lock feature.



The outline of the Battery icon is blinking.

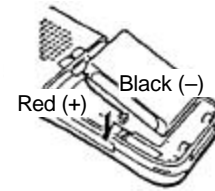
The battery charge has become too low. You will also hear a slow warning tone.

Place the portable station into the charger to recharge the battery.

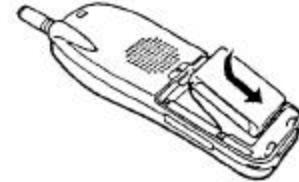


Battery Installation

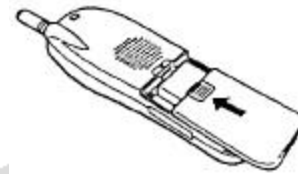
1. Plug the battery into the connector.



2. Place the battery snugly into the compartment.



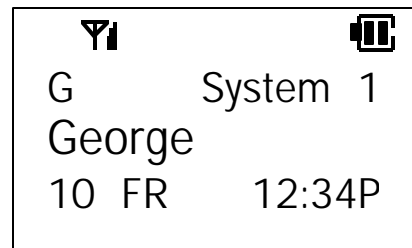
3. Place the battery cover.



4. Press and hold [Power] for more than two seconds.

All icons will come up on the display for a moment. You will hear a beep at the same time.

- The characters on the top line can be set in database programming.
- The characters on the middle line can be changed by programming the portable station.



NOTE:

- Press and hold [Power] for more than two seconds again to turn the power off.

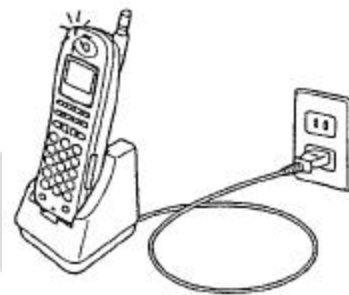
Charging the Battery

Use the supplied charger only.

1. Plug the charger into an AC outlet.



2. Place the portable station snugly into the charger. Make sure that the Charge lamp lights up red. Leave it for more than seven hours.



NOTES:

- When the battery is almost fully charged, the red lamp turns green.
- The portable station and the charger may feel warm to the touch. This warming is normal.
- You cannot turn the power on while the battery is being charged. Pick up the portable station from the charger before turning the power on.
- If you place the portable station in the charger while the power is still on, the charge may take a little longer.
- When you use the portable station for the first time or you have not used it for a long time, leave the portable station in the charger for more than seven hours.
- If the portable station or the charger is wet, wipe with a dry cloth before charging.
- The operating temperature is 41 °F to 95°F. The battery may not be charged properly if the temperature is outside the range.
- If the battery is not being charged properly, the Charge lamp flashes red. Pick up the portable station and put it back in the charger again. If the battery becomes too old or damaged, it has to be replaced.
- If the level of battery charge becomes too low, the Charge lamp may not light up. The Charge lamp will light up after a while unless the battery has become too old or damaged.

Hand Strap

We recommend you to wrap the hand strap around your wrist while carrying around the portable station.

1. Put the thin string of the hand strap through the hole in the portable station as shown on the right.



2. Put the other end through the thin string and pull it tight.

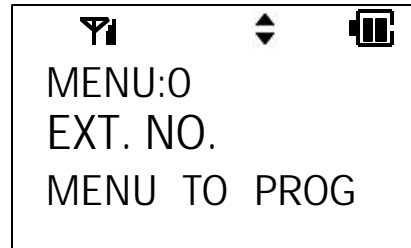


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Extension Number Display

You can verify your own extension number.

1. When the portable station is idle, press [Menu] [0].



2. Press [Menu].

The display shows the extension number.



3. Press [End] to go back to the idle state.

NOTES:

- The prompt *MENU TO PROG* tells you to press [MENU] to program (or to go one step further into menu item).
- Press [End] to exit from any menu screen to the idle state.
- You can see your extension number also by pressing [Menu] three times.

Battery Charge Level

The Battery icon shows the approximate level of battery charge.



The battery is sufficiently charged.



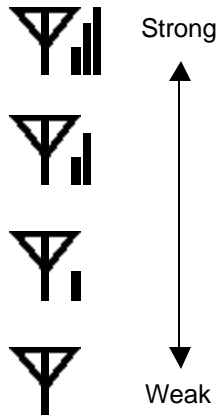
The battery can still be used.



The battery charge level is becoming low. Place the portable station in the charger as soon as possible.

Signal Strength

The Antenna icon indicates that the portable station can communicate with the base station. It shows the level of signal strength in four steps.



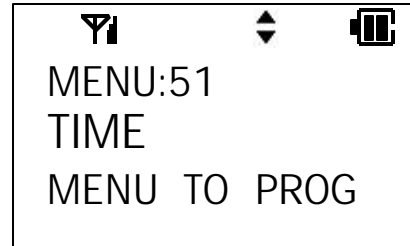
- You may not be able to place or receive phone calls in a weak-signal area.
- There may be a chance that the portable station cannot temporarily receive a phone call in a strong-signal area during a registration operation with a base station.
- Extend the antenna for better reception until you feel a click.

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Clock and Calendar

The system clock information will automatically be sent to the portable station. However, you can also program clock and calendar yourself as follows.

1. When the portable station is idle, press [Menu] [5] [1].



2. Press [Menu].

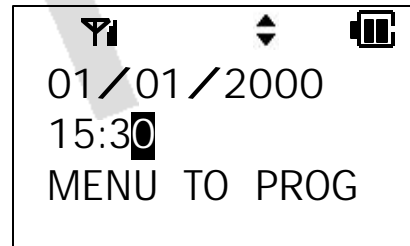


3. Enter the current time.

Enter Month → Date → Year → Time.

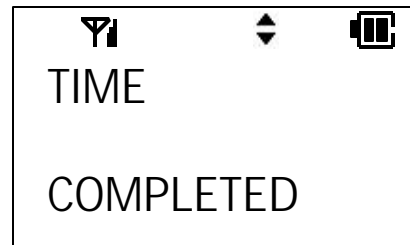
Use [*] to move the cursor to the left, and [#] to the right.

Hours are denoted in military time (24-hour cycle).



4. Press [Menu].

When the programming is complete, you will hear two quick beeps. The portable station goes back to the idle state.



NOTES:

- When you turn the power off and back on again in the service area, or when you walk into the service area from outside, the manual setting will be replaced by the system clock information.
- When the battery is replaced or too drained, the portable station will lose the manual setting.

Operating Menus

You can find the desired menu by either entering the menu number or searching through the menus. The following examples are for selecting the PS Quick mode (Menu 52).

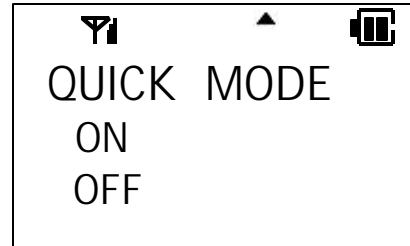
Entering the menu number

1. Press [Menu] [5] [2] [Menu].

The setup menu for the PS Quick mode will be displayed.

2. When the setup is complete, press [Menu].

The portable station goes back to the idle state.



Searching through the menus

1. Press [Menu].
2. Press [] or [] to select the first digit of the desired menu number.
3. Press [Menu].
4. Press [] or [] to bring up the desired menu.
5. Press [Menu].

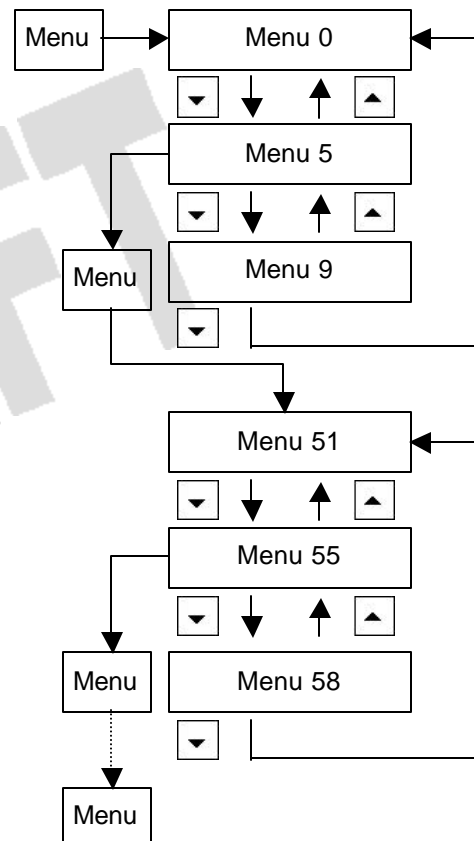
The setup menu for the PS Quick mode will be displayed.

6. When the setup is complete, press [Menu].

The portable station goes back to the idle state.

NOTES:

- Press [Clear] to go back to the previous menu screen.
- Press [End] to exit from any menu screen to the idle state.
- Refer to *List of Available Programming Items* for all the available menus and their settings.

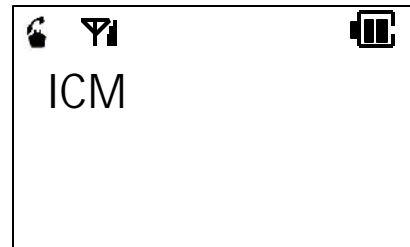
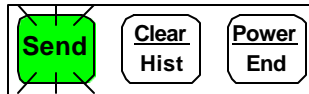


3. Basic Features

Placing a CO Call

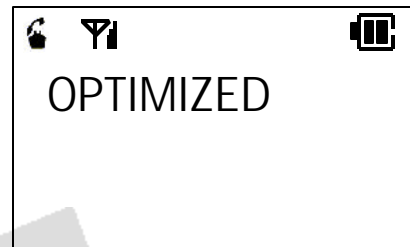
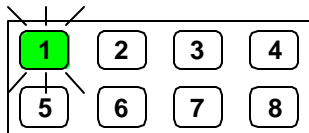
1. Lift the portable station from the charger and press [Send].

The [Send] key flashes green.



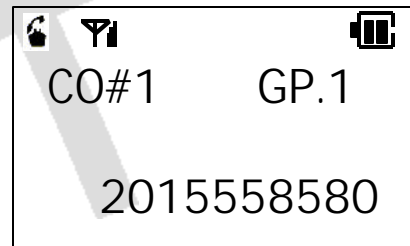
2. Press a line key.

Wait for the dial tone. The line key flashes green.



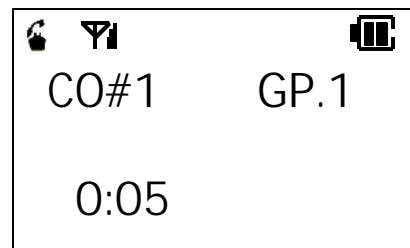
3. Dial the phone number.

You will hear a ring back tone in a moment.



4. Talk on the portable station when the call is answered.

Elapsed time of the call is displayed on the bottom line.



5. When you finish talking, press [End] and place the portable station back into the charger.

NOTES:

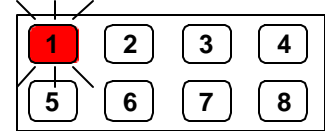
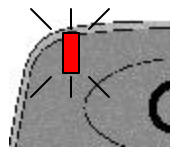
- You can also access a line by dialing the Line Access number or the Line Group Access number, instead of pressing a line key.
- If the System Quick-Mode Operation is programmed in the system database, you can access a CO line just by pressing a line key.
- If *Prime Line to Optimized* is programmed in the system database, you can access a CO line just by pressing [Send].
- If the phone number exceeds 12 digits, the display will show only the last 12 digits you have dialed. The leftmost digit will blink to tell you the number you have entered is more than 12 digits.

Receiving a CO Call

When a line receives a CO call, the corresponding line key on your portable station flashes red. If the portable station is specified in database programming to ring for incoming calls on that particular line, the Indicator lamp will flash and a ringer will go off.

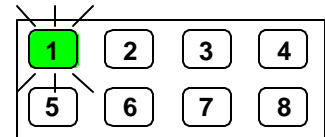
1. A line key flashes red.

If the portable station is programmed to ring for incoming calls on that particular line, the Indicator lamp will flash and a ringer will go off.



2. Lift the portable station from the charger and press the flashing line key.

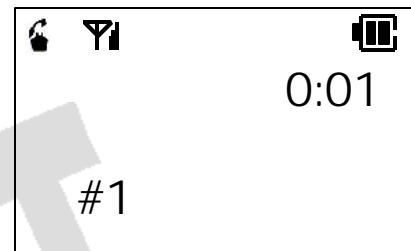
The line key turns green and intermittently blinks.



3. Press [Send].

4. Talk on the portable station.

5. When you finish talking, press [End] and place the portable station back into the charger.



NOTES:

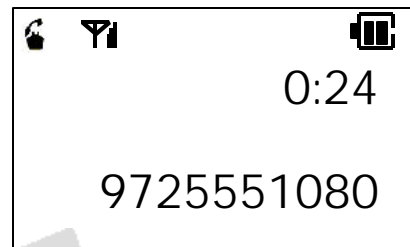
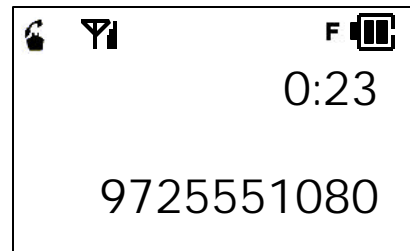
- If the portable station is specified in database programming to ring for incoming calls received on a particular line, you can also answer incoming calls just by pressing [Send] (without pressing the line key).
- When the Any Key Answer feature (Menu 54) is ON, you can answer incoming calls by pressing any dial pad key. The portable station needs to be specified in database programming to ring for that line.
- If the portable station is specified in database programming to ring for incoming calls on a particular line, it can display the phone number of a caller who has called in that line.
- When the PS Quick mode (Menu 52) is ON *and* the portable station is in the charger, you can answer incoming calls by lifting the portable station from the charger.
- If you press [End] while the portable station is ringing (or vibrating), you can stop the ringing (or vibrating) for that incoming call.

Exclusive Hold

You can place an outside call on hold that cannot be picked up by another extension.

1. Tell the other party to hold.
2. Press the Feature key twice.

The letter F appears as you press the Feature key once, and it disappears as you press the Feature key for the second time.

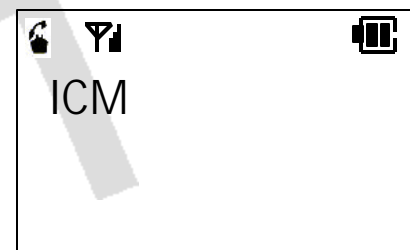
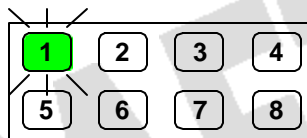


3. Press [Hold].

The other party will hear a holding tone.

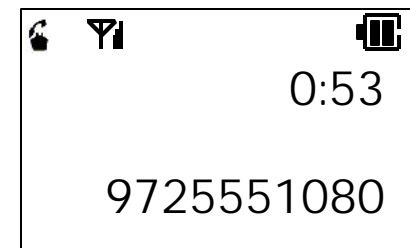
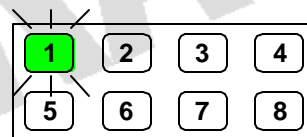
The line key slowly flashes green.

The [Send] key lights up and intermittently blinks.



4. Press the line key to retrieve the call and talk again.

The line key lights up green and intermittently blinks.



NOTES:

- If you do not press the Feature key for the second time within six seconds in Step 2, the operation will become invalid.
- When you place a call on Exclusive Hold, the corresponding line keys on the other phones indicate "busy."

Group Park

By placing a call on Group Park, all extensions with the appearance of that Group Park key will have a flashing indication and be able to pick up that call. The Group Park key needs to be assigned to a line key in database programming.

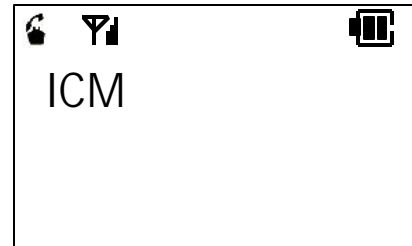
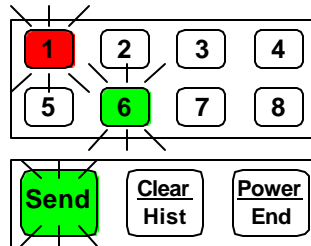
1. Press the Group Park key.

The other party will hear a holding tone.

The Group Park key (6 in this example) slowly flashes green.

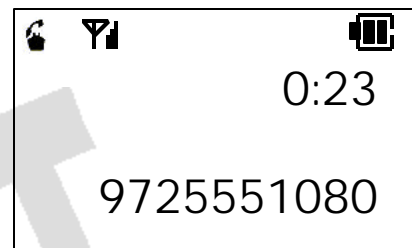
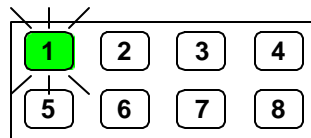
The line key (1 in this example) lights up red.

The [Send] key intermittently flashes green.



2. Press the line key to pick up the call and talk again.

The line key lights up green and intermittently blinks.



Call Park

By placing a call on Call Park, you can retrieve the call from another extension. The Call Park key needs to be assigned to a line key in database programming.

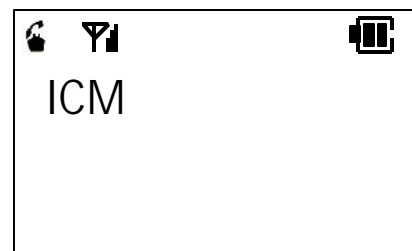
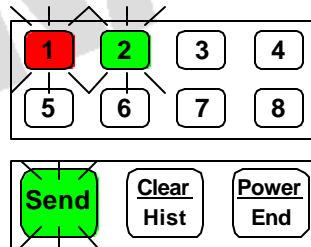
1. Press the Call Park key.

The other party will hear a holding tone.

The Call Park key (2 in this example) slowly flashes green.

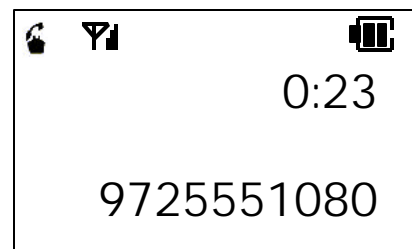
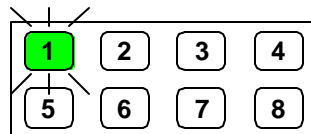
The line key (1 in this example) lights up red.

The [Send] key intermittently flashes green.



2. Press the line key to pick up the call and talk again.

The line key lights up green and intermittently blinks.



Transferring a Call to Another Extension

You can transfer a CO call or an intercom call to another extension. (The TRAN key needs to be assigned to a line key in database programming.)

1. Tell the other party to hold.

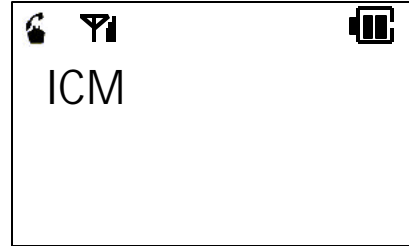
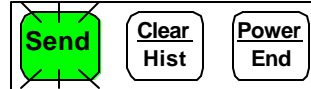
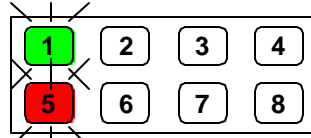
2. Press the TRAN key.

The other party will hear a holding tone.

The line key (1) in this example) slowly flashes green.

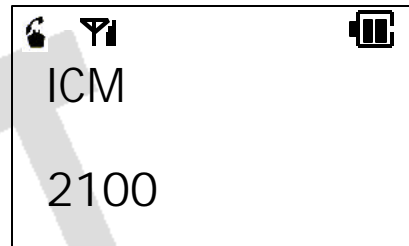
The [Send] key lights up and intermittently blinks.

The TRAN key (5) in this example) rapidly flashes red.



3. Dial the desired extension number.

4. When the call is answered, tell the party on the extension that you are transferring a call. Press [End] and place the portable station back in the charger.



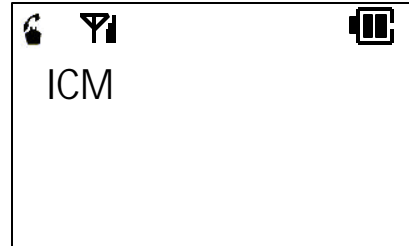
NOTE:

- If you do not dial an extension number after you press the TRAN key, the display will say RECALL and you will hear a ringer. If this happens, press [Send] to speak with the party again.

Placing an Intercom Call

1. Lift the portable station from the charger and press [Send].

The [Send] key lights up and intermittently blinks.

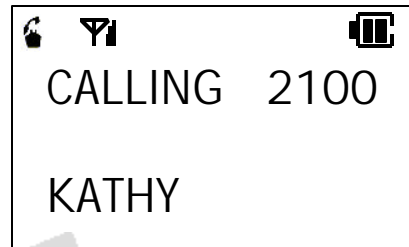


2. Dial the desired extension number.

You will hear a ring back tone in a moment.

You can press [#] and call to that party with your voice instead.

3. Talk on the portable station when the call is answered.
4. When you finish talking, press [End] and place the portable station back in the charger.

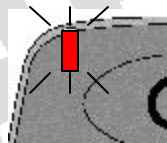


NOTE:

- Depending on the type of the phone on the other end, you may not be able to call to the party.

Receiving an Intercom Call

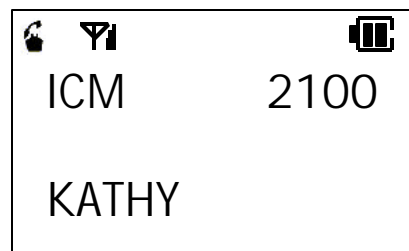
1. A ringer goes off. The Indicator lamp and the [Send] key flash.



2. Lift the portable station from the charger and press [Send].

The [Send] key lights up and intermittently blinks.

3. Talk on the portable station.
4. When you finish talking, press [End] and place the portable station back in the charger.



Hands-Free Answerback on Intercom

When you receive a call from another extension, you can answer the call with your voice with the microphone turned on. The microphone can be turned on or off when the portable station is idle or when you are receiving an intercom call. (The MIC OFF key needs to be assigned to a line key in database programming.)

The microphone is on by default. When the microphone is on, the light on the MIC OFF key is off.

1. **To turn off the microphone, press the MIC OFF key (or press [Feat] [Feat] + [0] [6] [1]).**

The light on the MIC OFF key goes out.

2. **To turn on the microphone again, press the MIC OFF key (or press [Feat] [Feat] + [6] [1]).**

The MIC OFF key lights up.

NOTE: Press [Feat] [Feat] + [6] [5] to toggle between voice and tone signaling.

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Additional Features

By combining the Feature key and a code, you can access an advanced feature that is not assigned to an individual key. Press [Feat] [Feat] + Code to access a feature. The list of codes is shown below.

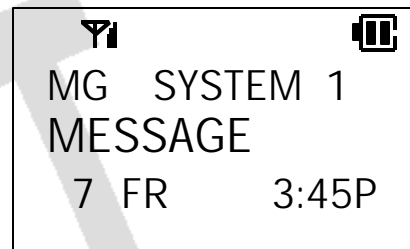
Code	Feature
12	Short Flash
34	Park Pick-up
35	Meet-Me Page Answer
36	Universal Night Answer
61	Microphone ON
061	Microphone OFF
65	Tone/Voice Calling (for Called Extension)
99	Extension Number Display
#9	Feature Button Display

Idle State Indicators

Your portable station may display *M* or *G* in the idle state, depending on the status or the condition the portable station is in.

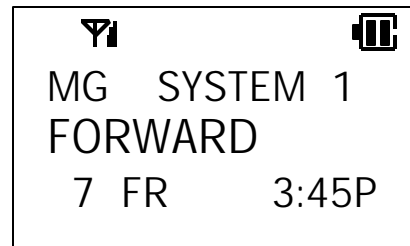
M: Message/Forward Indicator

When *M* is on the display, *Message Waiting* or *Flexible Call Forwarding* is enabled. Press the Message/Forward Status key to see what is enabled. (The Message/Forward Status key needs to be assigned to a line key in database programming.) If both are enabled, you will see *MESSAGE* first and then *FORWARD* as you press the Message/Forward Status key twice.

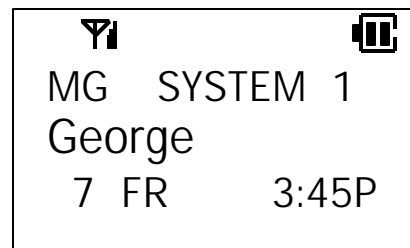


G: Group Indicator

When *G* is on the display, the portable station is within the area of the sub cell group it belongs to.



An example of the Idle State indications is shown on the right.



NOTES:

- When only one indication (M or G) is on, it will be left justified.
- The Group Area indication (G) can be disabled by database programming.

Flexible Call Forwarding (for CO Line and Intercom)

This feature allows you to send incoming calls to another extension or external line (using Personal Speed Dial numbers 90–99). You can also separate call forward destinations for intercom calls and CO calls. For instance, you could set all intercom calls to your cell phone, and all CO calls to be forwarded to your voice mail. (The FWD key needs to be assigned to a line key in database programming.)

1. Press [Send] or press the Speaker key for more than one second.
2. Press [FWD].
3. Enter the Call Type you wish to forward.

1 = All calls (CO/Intercom)
2 = CO calls only
3 = Intercom calls only

4. Enter the Flexible Call Forward Mode.

1 = All calls to another extension or hunt group
2 = Busy/No Answer calls to another extension or hunt group
3 = No Answer calls to another extension or hunt group
4 = All Calls forward to an external number (using Personal Speed Dial Codes 90–99)

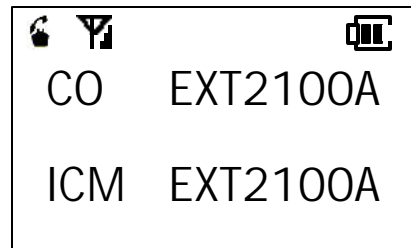
In the example on the right, Call Type 1 and Flexible Call Forward Mode 1 are selected.

5. Do one of the following

- If you chose Mode 1, 2, or 3, enter the extension or hunt group number.
- If you chose Mode 4, enter the Personal Speed Dial Code (90–99).

In the example on the right, the extension number 2100 is entered.

6. Wait for a confirmation tone.
7. Press [End].



Forward Cancel

You may cancel the forwarding of All calls, CO calls only, or Intercom calls only.

1. Press [Send] or press the Speaker key for more than one second.
2. Press [FWD] [*].
3. Enter the Call Type number you wish to cancel.

1 = All calls (CO/Intercom)
2 = CO calls only
3 = Intercom calls only

The display will show *FWD CANCEL* momentarily.

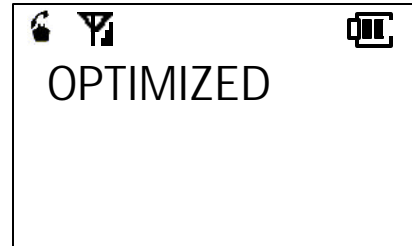
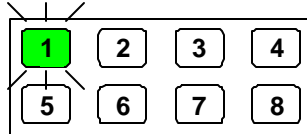
4. Wait for a confirmation tone.
5. Press [End].

Optimized Routing (for CO Line Only)

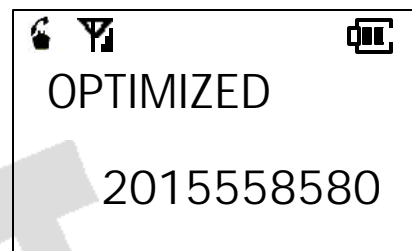
With the use of a one-touch optimize key, you can allow the system to automatically select the least expensive way to make an outgoing call. When a one-touch optimized key [FLT00] is allocated on your portable station enabled for optimized routing, you can make an optimized call by simply pressing [FLT00].

1. Press [FLT00].

The [FLT00] key flashes green.

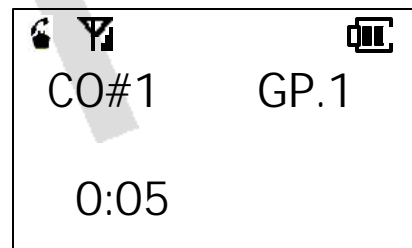


2. Dial the phone number.



4. Talk on the portable station when the call is answered.

Elapsed time of the call is displayed on the bottom line.



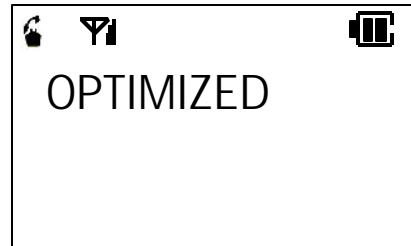
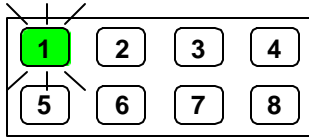
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Prime Line to Optimized (for CO Line Only)

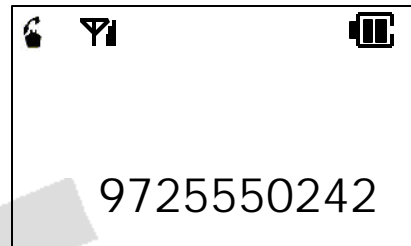
When you place a CO call, an open line can automatically be accessed. (*Prime Line to Optimized* needs to be configured in database programming.)

1. When the portable station is idle, press [Send].

A line key lights up green and intermittently blinks.



2. Dial the phone number.



NOTE:

- If there is no open line for the moment, you cannot place a CO call. Try again later.

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Conference Call (for CO Line and Intercom)

When you are on a call, you can have one or two extensions join you in a three-party call or a four-party call. (The [TRAN] and [ADD] keys need to be assigned to line keys in database programming.)

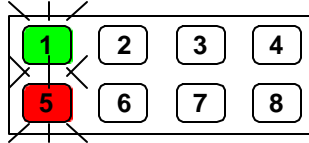
Adding Another Extension to a CO call

1. When you are on a CO call, press [TRAN].

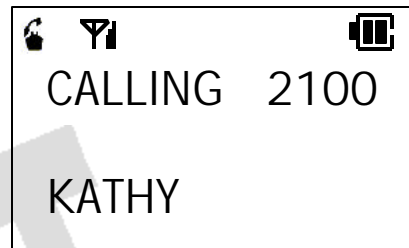
Wait for the intercom dial tone.

The line key slowly flashes green.

The [Send] key lights up and intermittently blinks.



2. Dial the desired extension number.



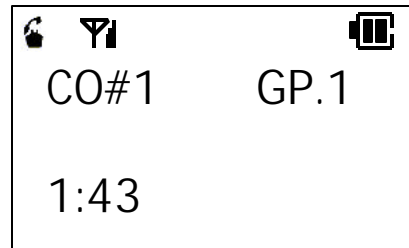
3. When the call is answered, tell the party to join you in a conference call.



4. Press [ADD].

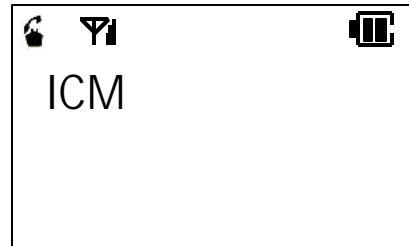
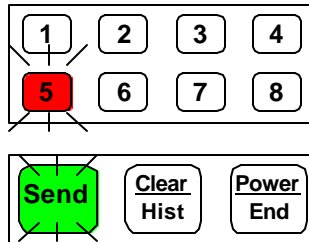
The outside line caller and the extension caller will hear a notification tone.

Repeat Steps 1–4 to add another extension to the conference call.

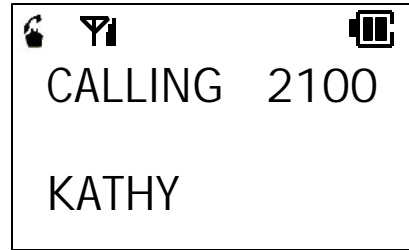


Adding Another Extension to an Intercom Call

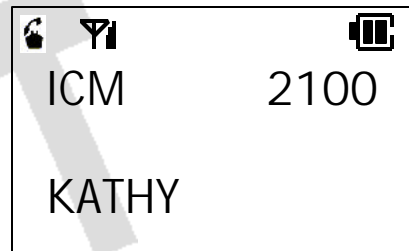
1. When you are on an intercom call, press [TRAN].



2. Dial the desired extension number.



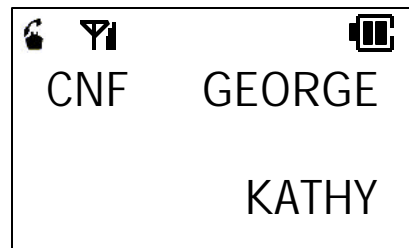
3. When the call is answered, tell the party to join you in a conference call.



4. Press [ADD].

The outside line caller and the extension caller will hear a notification tone.

Repeat Steps 1–4 to add another extension to the conference call.



Paging (for Intercom Only)

You can make an announcement through the speakers in the key telephones or the external paging speakers.

1. When the portable station is idle, press [Send].

Wait for the intercom dial tone.

The [Send] key lights up and intermittently blinks.

2. Enter the access code.

Enter the All Call access code to page through the speakers in the key telephones and the external paging speakers.

Enter a Group Call access code to page through the speakers in the key telephones in a group.

Enter a Zone access code to page through the external paging speakers in a group.

3. Make an announcement.

NOTES:

- The key telephones and the external paging speakers to be accessed are determined in database programming.
- In the Group Call paging, there may be 30 groups with a maximum of 64 key telephones per group.
- In the Zone paging, there may be 30 groups with a maximum of 64 external paging speakers per group.
- The All Call, Group Call, and Zone access codes need to be assigned in database programming.

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4. Advanced Features

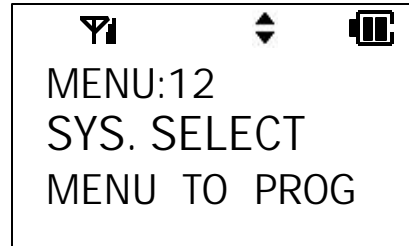
System Select

This portable station can be used as an intercom telephone with line keys, communicating with the base station connected to the key service unit of the system.

The portable station can be registered to up to nine systems.

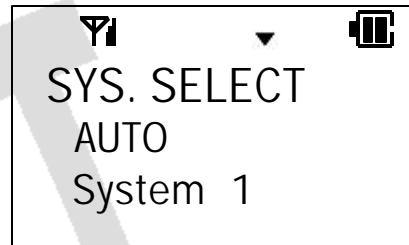
If you move from one system to another, the portable station switches over automatically. If the service areas of two or more systems overlap, you can select one of them as follows.

1. When the portable station is idle, press [Menu] [1] [2] to bring up the System Select menu.

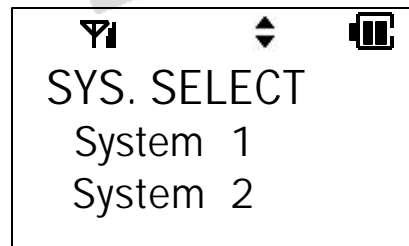


2. Press [Menu].

The display shows the currently selected system.

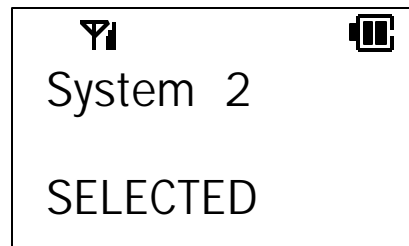


3. Press [] or [] until the desired system is selected.



4. Press [Menu].

You will hear two quick beeps to indicate that the system has been successfully changed.



NOTES:

- If you select AUTO, a system will be automatically selected.
- When the Range Notify feature (Menu 42) is ON, you will hear a warning tone when you walk out of the service area.
- The eight line keys can be assigned to various functions with database programming. The line keys light up red or green to indicate different statuses.
- The key service unit provides you with various services. The display on your portable station shows you the statuses of the services.
- Distinctive ringers can be used for incoming calls from CO lines and other extensions.

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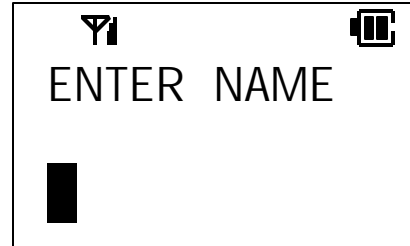
The following features are shared by all operation modes.

Character Entry

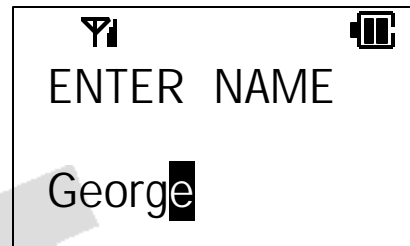
You can enter alphabet, numbers, and symbols. Use the dial pad to enter the desired characters.

1. Enter characters.

To enter *George*, press [4_{GHI}] once, [3_{DEF}] five times, [6_{MNO}] six times, [7_{PQRS}] seven times, [4_{GHI}] four times, and [3_{DEF}] five times.






2. Press [Menu] to finalize the entry.



NOTES:

- To enter a character, press the dial pad key (repeatedly, if necessary) on which the character is printed, until the desired character is displayed. When the character is displayed, press another dial pad key. If you would like to enter another character that is printed on the same key you have just pressed, press [# □] to move the cursor to the right.
- If you have incorrectly entered a character, press [Clear] to delete it. The cursor will move back by one character. Press and hold [Clear] for more than one second to delete the whole line.
- To change a character, use [* □] or [# □] to move the cursor over that character, press [Clear] to delete it, and then enter a different character.
- You can insert characters to the cursor position. If the number of characters exceeds the limit, the rightmost character will disappear.

Available characters and operations are listed below.

Key	Characters	
[1]		1
[2 _{ABC}]	A B C a b c	2
[3 _{DEF}]	D E F d e f	3
[4 _{GHI}]	G H I g h I	4
[5 _{JKL}]	J K L j k l	5
[6 _{MNO}]	M N O m n o	6
[7 _{PQRS}]	P Q R S p q r s	7
[8 _{TUV}]	T U V t u v	8
[9 _{WXYZ}]	W X Y Z w x y z	9
[0 _{OPER}]	- . & / [] # * (Space) " ! ?	0
[* 	Moves the cursor to the left.	
[# 	Moves the cursor to the right.	
[Clear]	Deletes one character.	
[Clear] for 1 sec	Deletes all the characters.	

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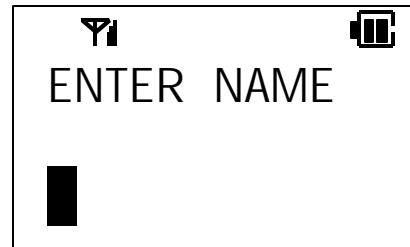
Making an Entry in Directory

You can register up to 500 phone numbers in the Directory. One entry includes a name (12 characters) and a phone number (24 digits). You can also select a group to store the entry in.

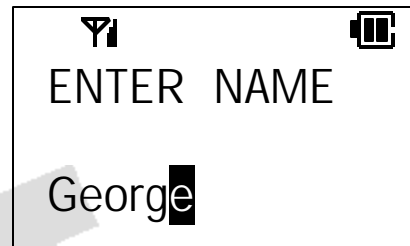
1. **When the portable station is idle, press [Menu] and [Dir].**

The display prompts you to enter a name.

Pressing [Dir] for more than one second also takes you to this menu.

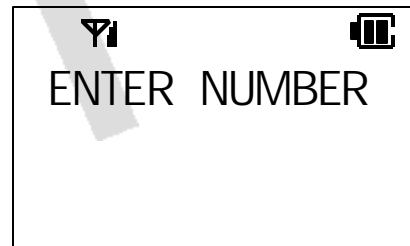


2. **Enter a name.**



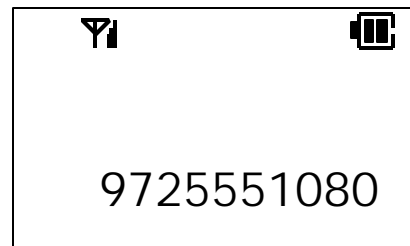
3. **Press [Menu].**

You will be prompted to enter a number.



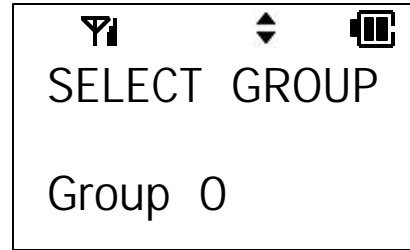
4. **Enter a phone number.**

As you enter the phone number, the digits will move from right to left.



5. Press [Menu].

The display shows the Group Selection menu.

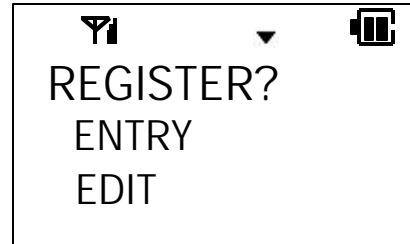


6. Press [] or [] to bring up the desired group.

You can also use the dial pad (0–9) to select a group.

7. Press [Menu].

The display prompts you to confirm the selection.



8. Press [] or [] to select ENTRY or EDIT, and then press [Menu].

You will hear two quick beeps when the entry has been successfully made.

Selecting EDIT will take you back to Step 2. Press [End] if you have no more entries to make.



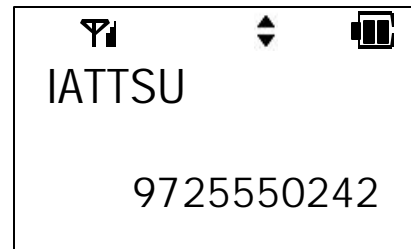
NOTES:

- To place a CO call, you may have to add a digit for accessing a CO line and a pause before the phone number.
- If you have incorrectly entered a digit, press [Clear] to delete it. The cursor will move back by one digit every time you press [Clear]. Press and hold [Clear] for more than one second to delete the whole line.
- Pressing [Clear] when the middle line shows no digits takes you back to the previous menu screen.
- You can insert a pause when you register a phone number.
 1. Press [Feat], [Menu], and a digit (1–9) to register a pause time in seconds.
 2. You can register more than one pause.
 3. One pause is counted as two digits.
- You can also register a remote access code.
 1. Press [Feat], [Menu], and the digit 0, followed by a remote access code.
 2. Once you dial the main number, using the Directory, and become connected to a service, press [Send] to dial out the remote access code.
- You can register a group name to a Directory group.
- If you try to make an entry when 500 entries are already registered, you will hear a warning tone and the portable station displays, *ENTRY FAILED: MEMORY FULL*. The portable station will go back to the idle state in two seconds.

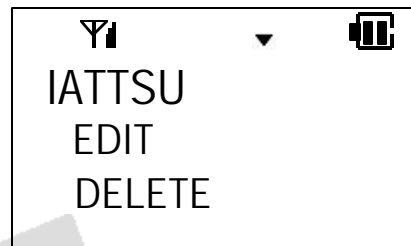
Editing an Entry in Directory

You can edit a selected entry in the Directory.

1. **Search and select an entry you wish to edit.**

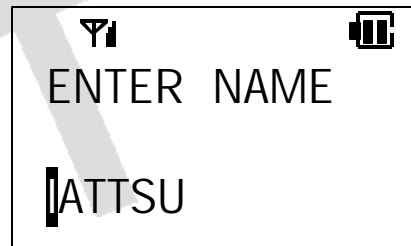


2. **Press [Menu].**



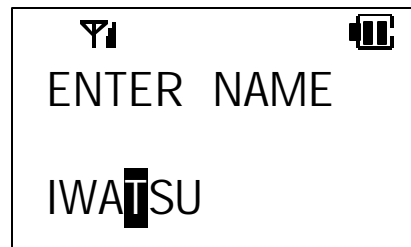
3. **Press [Menu].**

The previously entered name will be displayed. If you do not have to edit the name, skip to Step 5.



4. **Use [* □] or [# □] to move the cursor over a character and then insert another character on the left.**

You can also move the cursor over a character and then press [Clear] to delete it.

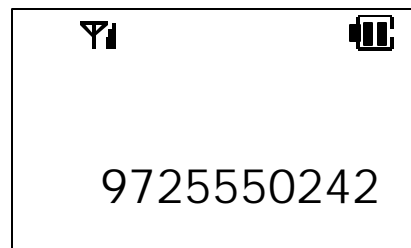


5. **Press [Menu].**

The previously entered phone number will be displayed. If you do not have to edit the phone number, skip to Step 7.

6. **Press [Clear] once to delete one digit from the right. Delete as many digits as necessary and enter new digits to the right.**

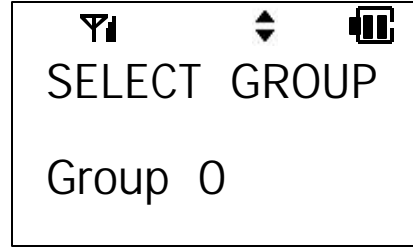
You can also press and hold [Clear] to delete all digits and then enter a whole number. (This may be easier in most cases.)



7. **Press [Menu].**

The previously selected group number will be displayed. If you do not have to change the group number, skip to Step 9.

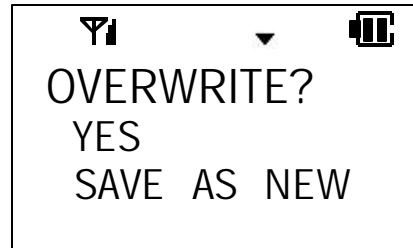
8. **Press [] or [] to select a different group number.**



9. **Press [Menu].**

The display asks you if you would like to overwrite the previous entry with new changes.

10. **Press [] or [] to select YES, SAVE AS NEW, or EDIT.**



11. **Press [Menu].**

If you select YES or SAVE AS NEW, you will hear two quick beeps to indicate that the entry has been saved.

Selecting EDIT will take you back to Step 3.

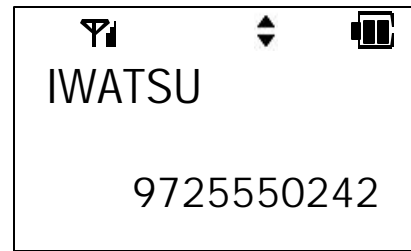


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Deleting an Entry in Directory

You can delete a selected entry in the Directory.

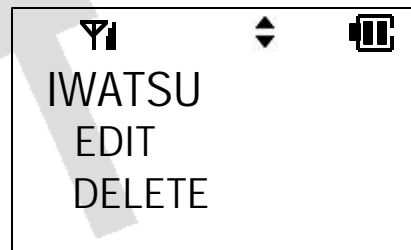
1. Search and select an entry you wish to delete.



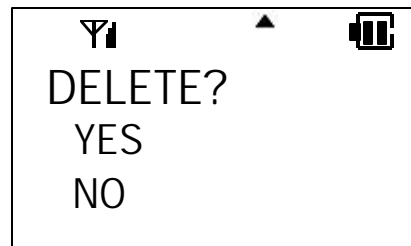
2. Press [Menu].



3. Press [] or [] to select DELETE.



4. Press [Menu].



5. Press [] or [] to select YES or NO.

6. Press [Menu].

If you select YES, you will hear two quick beeps to indicate that the entry has been deleted.

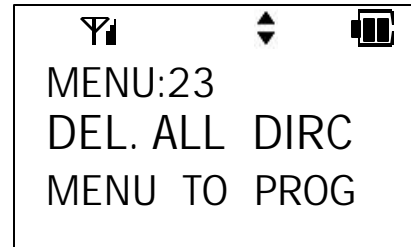
If you select NO, you will see *NOT DELETED* on the display.



Deleting All Entries in Directory

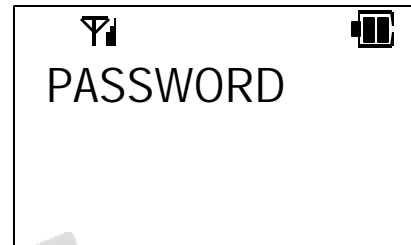
You can delete all entries in the Directory.

1. When the portable station is idle, press [Menu] [2] [3] to bring up the Delete All Directory menu.



2. Press [Menu].

If a password is not registered, you will hear a warning tone and see *NOT REGIST* on the display. You cannot delete all entries in that case.



3. Enter the four-digit password.

If the password you entered is incorrect, you will hear a warning tone and see *INCORRECT* on the display.



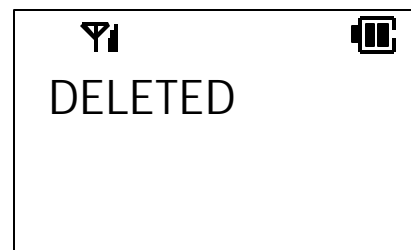
4. Press [] or [] to select YES or NO.



5. Press [Menu].

If you select YES, the display shows *DELETING* for a while and you will hear a confirmation tone to indicate that all entries have been deleted when it is done. Then the portable station will go back to the idle state.

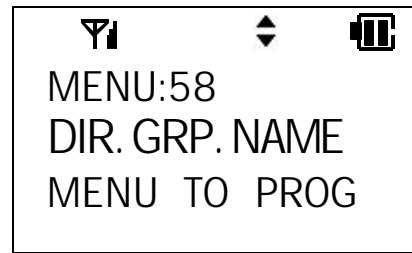
If you select NO, the Delete All Directory operation will be canceled and see *NOT DELETED* on the display. Then the portable station will go back to the idle state.



Directory Group Name

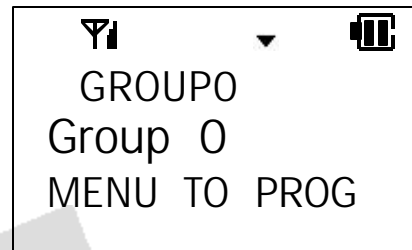
You can name a directory group.

1. When the portable station is idle, press [Menu] [5] [8] to bring up the Directory Group Name menu.

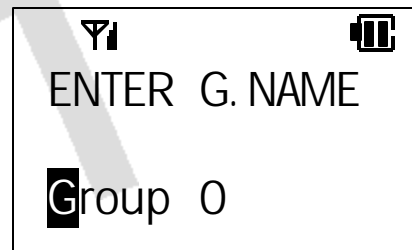


2. Press [Menu].

3. Press [] or [] to select a directory group.

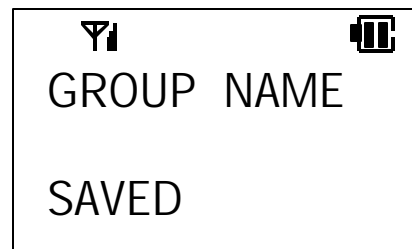
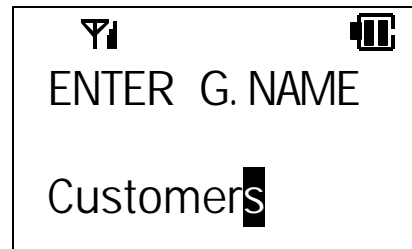


4. Press [Menu].



5. Edit the directory group name and press [Menu].

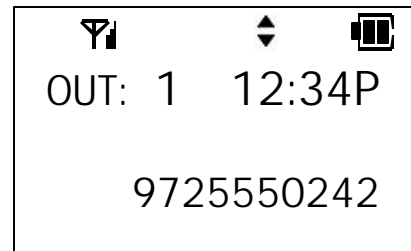
You will hear a confirmation tone to indicate that the change has been successfully made.



Registering a Phone Number from Call History to Directory

You can register phone numbers recorded in the Call History into the Directory.

1. Select the data you wish to register.



2. Press [Menu].

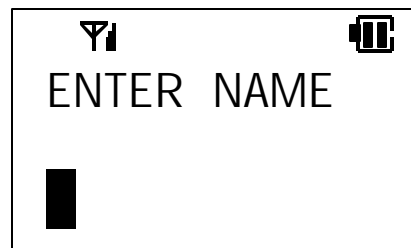


3. Press [] or [] to select SAVE.

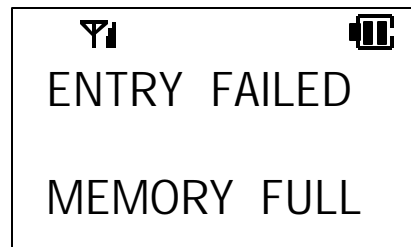


4. Press [Menu].

You will be prompted to enter a name. The rest of the procedure is the same as in *Making an Entry in Directory*.

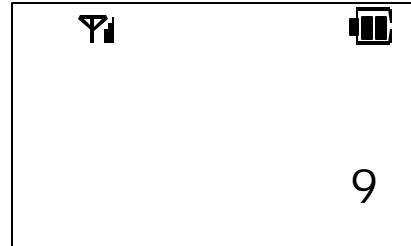


If five hundred entries are already in the memory, you will hear a warning tone and the message shown on the right will appear on the display. Then the portable station will go back to the idle state.

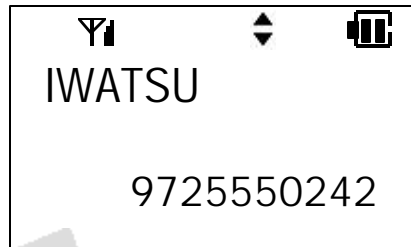


Dialing a Phone Number in Directory with an Access Code

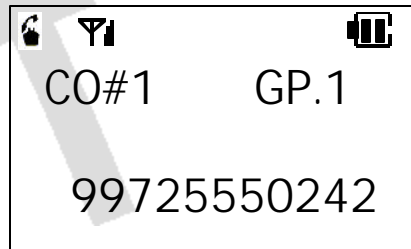
1. Dial the access code (e.g., 0) you wish to combine with a phone number in the Directory.



2. Press [Dir].
3. Search and select the phone number from the Directory.



4. Press [Send] the combined numbers.

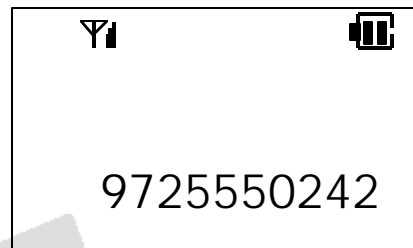


Dialing a Phone Number in Directory with an Additional Number

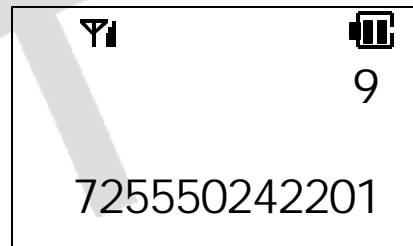
1. Press [Dir].
2. Search and select the phone number from the Directory



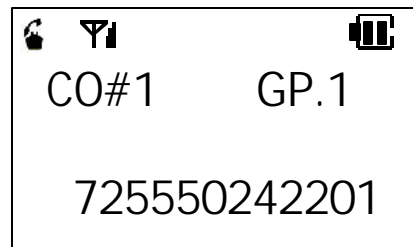
3. Press [*].



4. Enter the number (e.g., 201) you wish to add to the phone number.



5. Press [Send] to dial the combined numbers.



Redialing Previously Dialed Phone Numbers (Outgoing Call History)

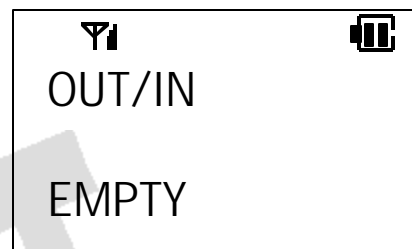
The 10 most recent phone numbers you dialed are recorded. You can select and redial a phone number from the list. (Up to 24 digits can be recorded as a phone number.)

1. When the portable station is idle, press [Hist].

If no outgoing phone numbers are recorded, the Incoming Call History will be displayed.

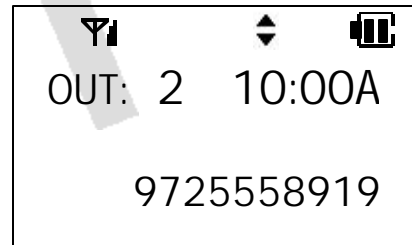


If no outgoing or incoming phone numbers are recorded, the display will show the word *EMPTY* and the portable station will go back to the idle state.



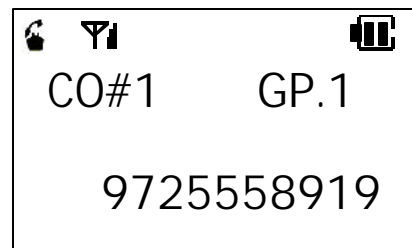
2. Press [] or [] to select the phone number you wish to dial.

Up to ten most recent phone numbers will be displayed successively.



3. Press [Send].

The currently displayed phone number will be dialed.

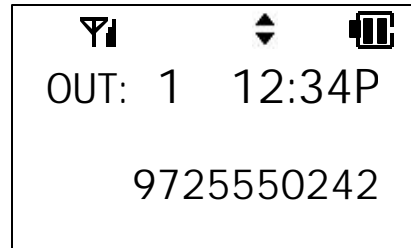


NOTES:

- The phone numbers recorded in the Outgoing Call History will not be lost even when you turn off the portable station.
- To place a CO call, you need to press a line key (after you press [Hist]) to access a CO line.
- If a recorded phone number is already registered in the Directory, the name is also displayed.
- Press [Hist] while the Outgoing Call History is displayed to switch to the Incoming Call History.

Deleting an Item from Outgoing Call History

1. Select the item you wish to delete from the Outgoing Call History.



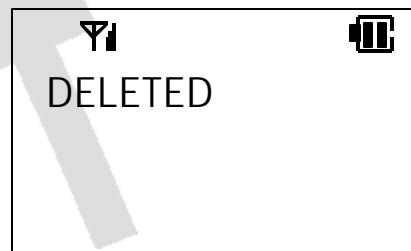
2. Press [Menu].

Confirm that DELETE is selected.



3. Press [Menu] again.

You will hear a confirmation tone to indicate that the selected item has been deleted. The portable station will go back to the idle state.



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Deleting All Items from Outgoing Call History

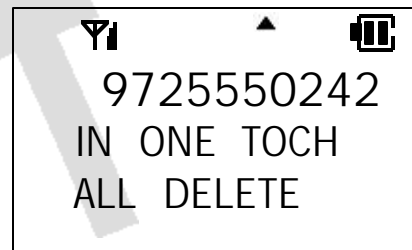
1. Bring up the Outgoing Call History.



2. Press [Menu].



3. Press [] or [] to select ALL CLEAR.



4. Press [Menu].

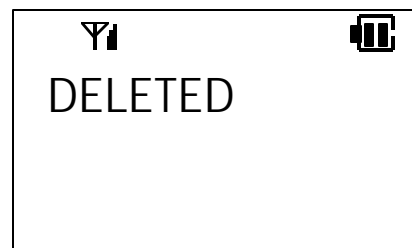


5. Press [] or [] to select YES or NO.

6. Press [Menu].

If you select YES, you will hear a confirmation tone to indicate that all the items in the Outgoing Call History have been deleted. The portable station will go back to the idle state.

If you select NO, the operation will be canceled and the portable station will go back to the idle state.

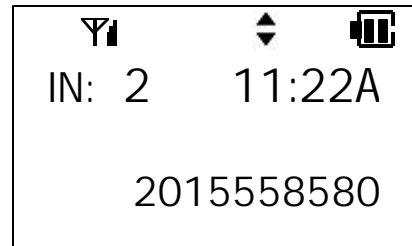


Dialing Phone Numbers of Previously Received Calls (Incoming Call History)

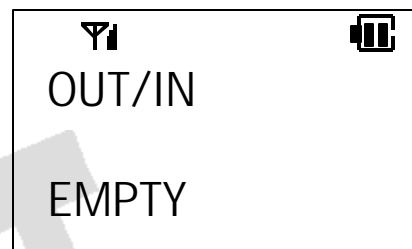
When you receive an incoming call along with the caller's phone number, the phone number is recorded in the Incoming Call History. Up to 10 most recent phone numbers can be recorded. (Up to 24 digits can be recorded as a phone number.)

1. When the portable station is idle, press [Hist].

If any outgoing phone numbers are recorded, the Outgoing Call History will be displayed. Press [Hist] again to bring up the Incoming Call History.

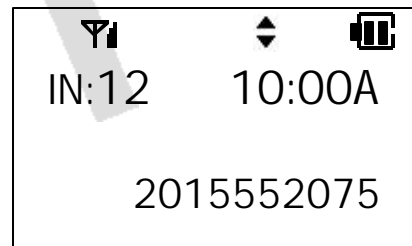


If no outgoing or incoming phone numbers are recorded, the display will show the word *EMPTY* and the portable station will go back to the idle state.



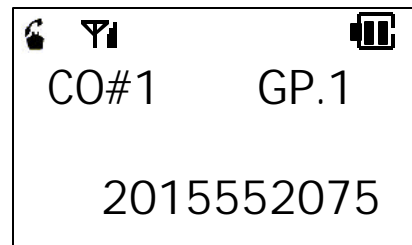
2. Press [] or [] to select the phone number you wish to dial.

Up to ten most recent phone numbers will be displayed successively.



3. Press [Send].

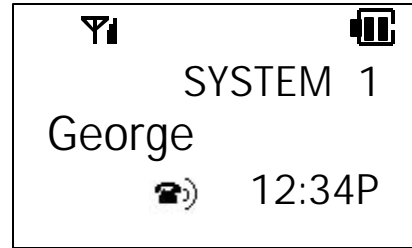
The currently displayed phone number will be dialed.



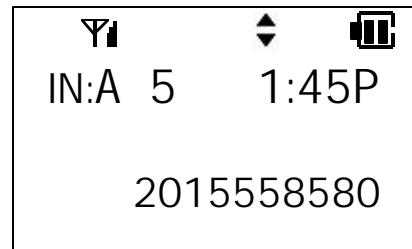
NOTE:

- The phone numbers recorded in the Incoming Call History will not be lost even when you turn off the portable station.

- If you did not answer an incoming call that contained the caller's phone number, the ringing phone symbol shown on the right will be displayed in the idle state.



- In the Incoming Call History, a call you did not answer is indicated with the letter A (for Abandoned Call) on the left side of the date.

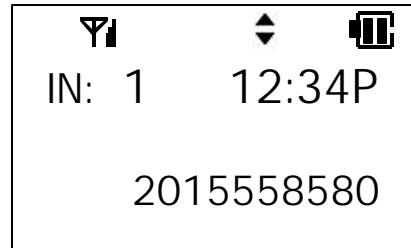


- To place a CO call, you need to press a line key (after you press [Hist]) to access a CO line.
- If a recorded phone number is already registered in the Directory, the name is also displayed.
- Press [Hist] while the Incoming Call History is displayed to switch to the Outgoing Call History.

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Deleting an Item from Incoming Call History

1. Select the item you wish to delete from the Incoming Call History.



2. Press [Menu].

Confirm that DELETE is selected.



3. Press [Menu] again.

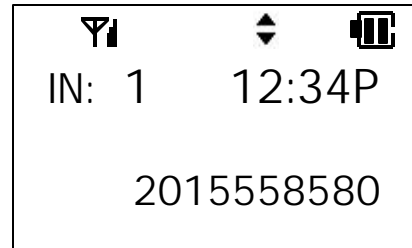
You will hear a confirmation tone to indicate that the selected item has been deleted. The portable station will go back to the idle state.



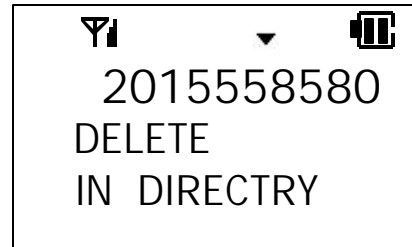
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Deleting All Items from Incoming Call History

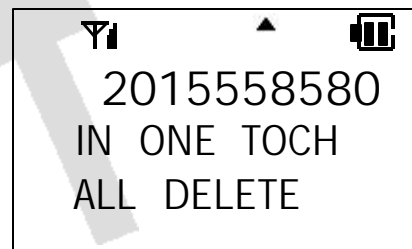
1. Bring up the Incoming Call History.



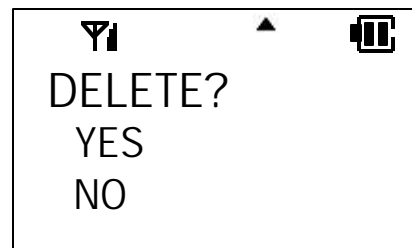
2. Press [Menu].



3. Press [] or [] to select ALL CLEAR.



4. Press [Menu].

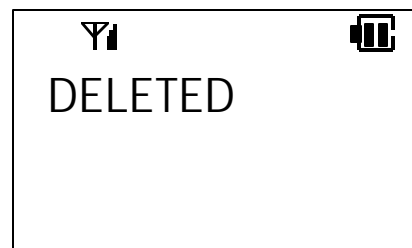


5. Press [] or [] to select YES or NO.

6. Press [Menu].

If you select YES, you will hear a confirmation tone to indicate that all the items in the Incoming Call History have been deleted. The portable station will go back to the idle state.

If you select NO, the operation will be canceled and the portable station will go back to the idle state.



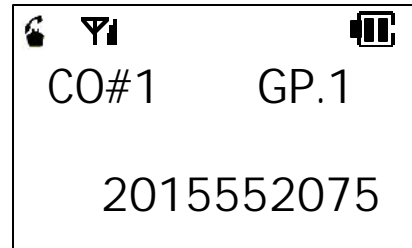
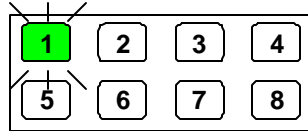
One-Touch Dial

If the one-touch dial feature is assigned to a line key, etc., up to 24 digits (including a telephone number, [Send], etc.) can be registered to the key for one-touch dialing. (The One-Touch Dial key needs to be assigned to a line key, if necessary, in data settings of the portable station.)

1. When the portable station is idle, press the One-Touch Dial key (5 in this example).

The line key lights up green and intermittently blinks.

You will hear a ring back tone in a moment.



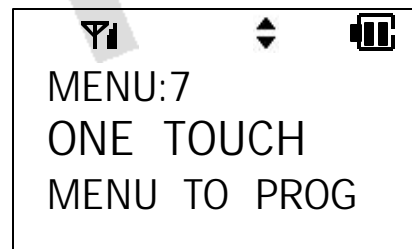
2. Talk on the portable station when the call is answered.

NOTES:

- The key combinations [Feat] + 0–9 are predefined as One-Touch Dial keys.
- To place a CO call, you need to have registered a Line Access number or a Line Group Access number before the phone number.

Registering a Phone Number to One-Touch Dial Key

1. When the portable station is idle, press [Menu] [7].



2. Press [Menu].

A list of available keys and key combinations will be displayed.

A key or a key combination with a Speed Dial number already registered has an asterisk on the right side.



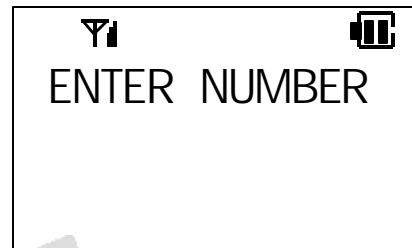
3. Press [] or [] to select a Speed Dial key/key combination. Then press [Menu].

If you select *EAR-MIC*, you can register a phone number to the switch on the earpiece microphone.



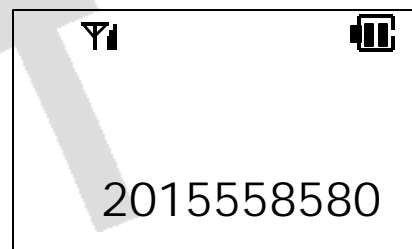
4. Enter the name you wish to register.

5. Press [Menu].



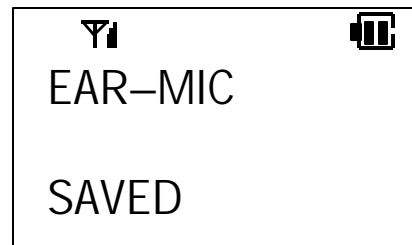
6. Enter the phone number you wish to register.

The entered digits will show up from bottom-right.



7. Press [Menu].

You will hear a confirmation tone to indicate that the registration has been successfully made. The portable station will go back to the idle state.

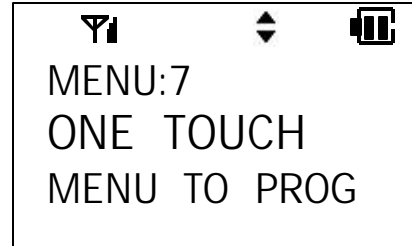


NOTES:

- You can register pauses and [Send] to a Speed Dial key/key combination.
- You need to register [Send] following the phone number in order to dial by just pressing a Speed Dial key/key combination.
- Press [Feat], [Menu], and a digit (1–9) to register a pause time in seconds.
- One pause is one to nine seconds long. If you need longer pause duration, program two or more consecutive pauses.
- You can also register a remote access code.
 1. Press [Feat], [Menu], and the digit 0, followed by a remote access code.
 2. Once you dial the main number (using the Directory) and become connected to a service, press [Send] to dial out the remote access code.

Deleting a Phone Number from a Speed Dial Key

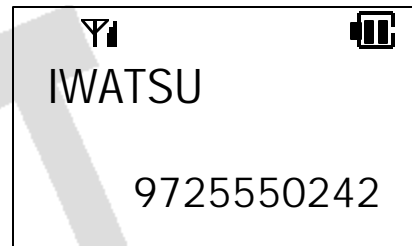
1. When the portable station is idle, press [Menu] [7].



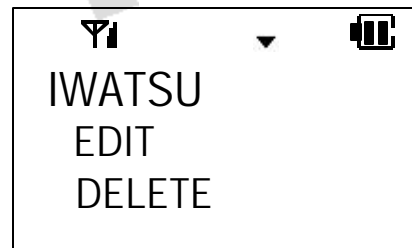
2. Press [Menu].



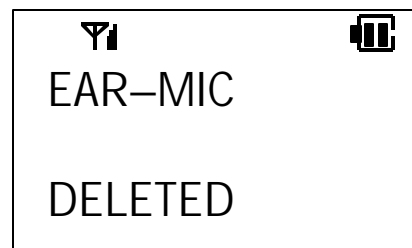
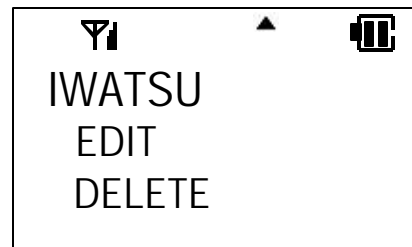
3. Press [] or [] to select a Speed Dial key/key combination from which you wish to delete a phone number.



Press [Menu] again or wait two seconds to go to the next menu screen.



4. Press [] or [] to select DELETE, and then press [Menu].



Registering a Phone Number from Call History to a Speed Dial Key

You can register phone numbers recorded in the Call History into the Speed Dial keys.

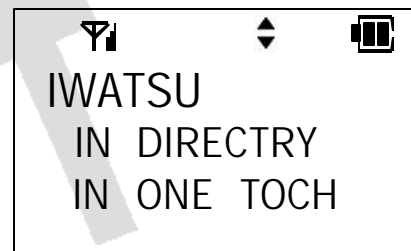
1. Select the data you wish to register from the Incoming Call History or the Outgoing Call History.



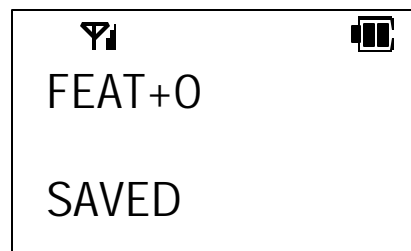
2. Press [Menu].



3. Press [] or [] to select Speed Registration, and then press [Menu].



4. Press [] or [] to select a Speed Dial key/key combination to which you wish to register the phone number, and then press [Menu].



NOTE:

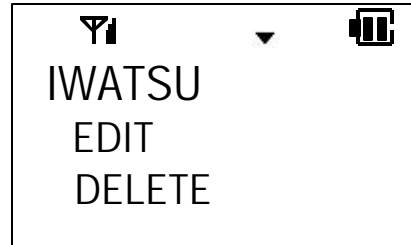
- If the Speed Dial key/key combination you selected is already in use, the display will show OCCUPIED and go back to Step 4.

Registering a Phone Number from Directory to Speed Dial Key

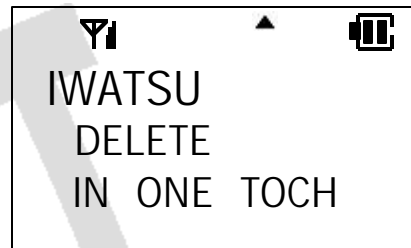
1. Select the data you wish to register from the Directory.



2. Press [Menu].



3. Press [] or [] to select Speed Registration, and then press [Menu].



4. Press [] or [] to select a Speed Dial key/key combination to which you wish to register the phone number, and then press [Menu].

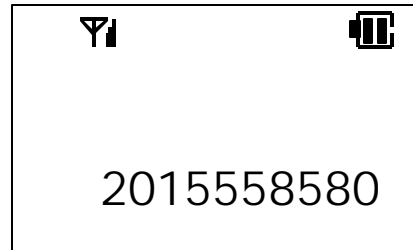


NOTE:

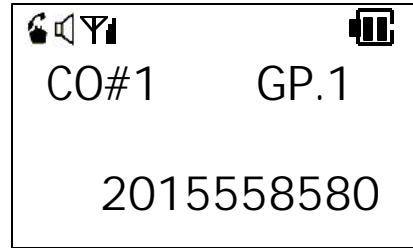
- If the Speed Dial key/key combination you selected is already in use, the display will show OCCUPIED and go back to Step 4.

Listening to Ring Back Tone and Called Party's Voice on Speaker

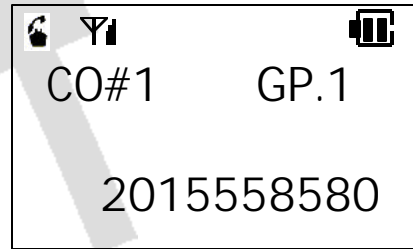
1. Dial the phone number.



2. Press and hold the Speaker key for more than one second.



3. Press the Speaker key again to speak to the called party.



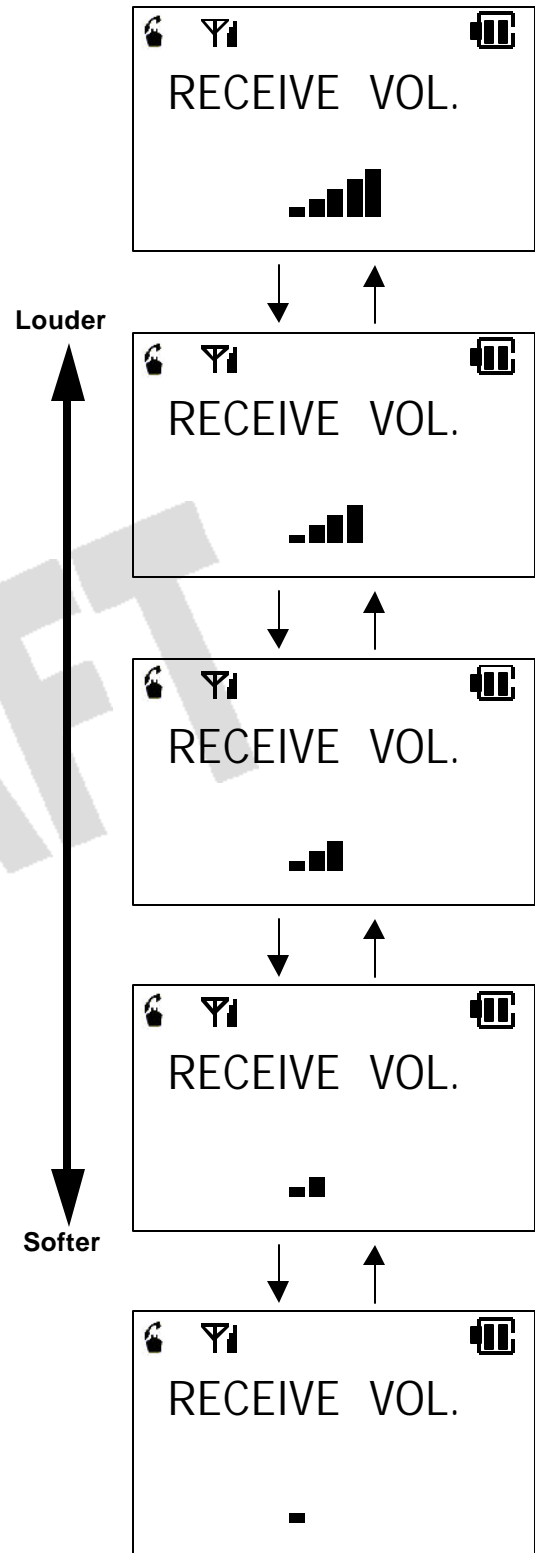
NOTES:

- The called party will not hear your voice when the speaker is on.
- If you want to turn the speaker on during a phone conversation, press the Speaker key. (The Speaker key toggles on/off the speaker.)
- Press [] or [] to adjust the speaker volume.

Receiver Volume Control

You can adjust the receiver volume in five steps.

1. Press [] or [] during a phone conversation.
2. Press [] to increase the volume, or press [] to decrease the volume.
3. The portable station goes back to the idle state in two seconds after you release the key.



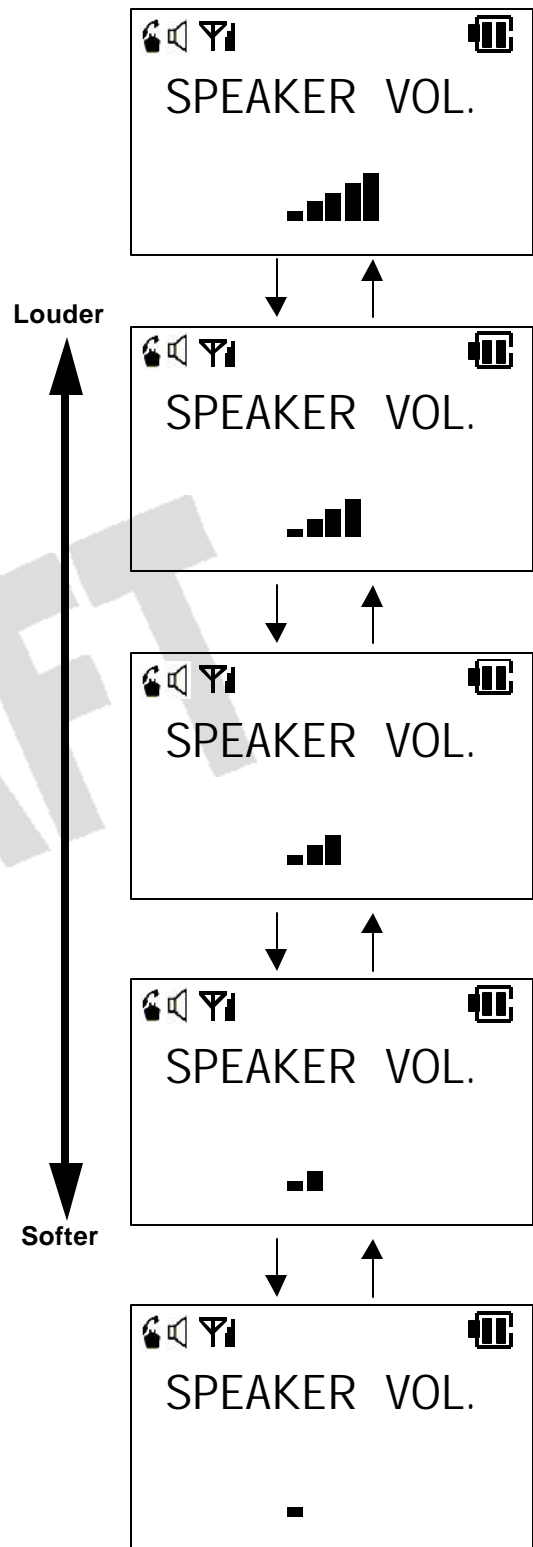
NOTE:

- The receiver volume setting will not change after the phone conversation.

Speaker Volume Control

You can adjust the speaker volume in five steps.

1. Press [] or [] during a phone conversation (while using the speaker).
2. Press [] to increase the volume, or press [] to decrease the volume.
3. The portable station goes back to the idle state in two seconds after you release the key.



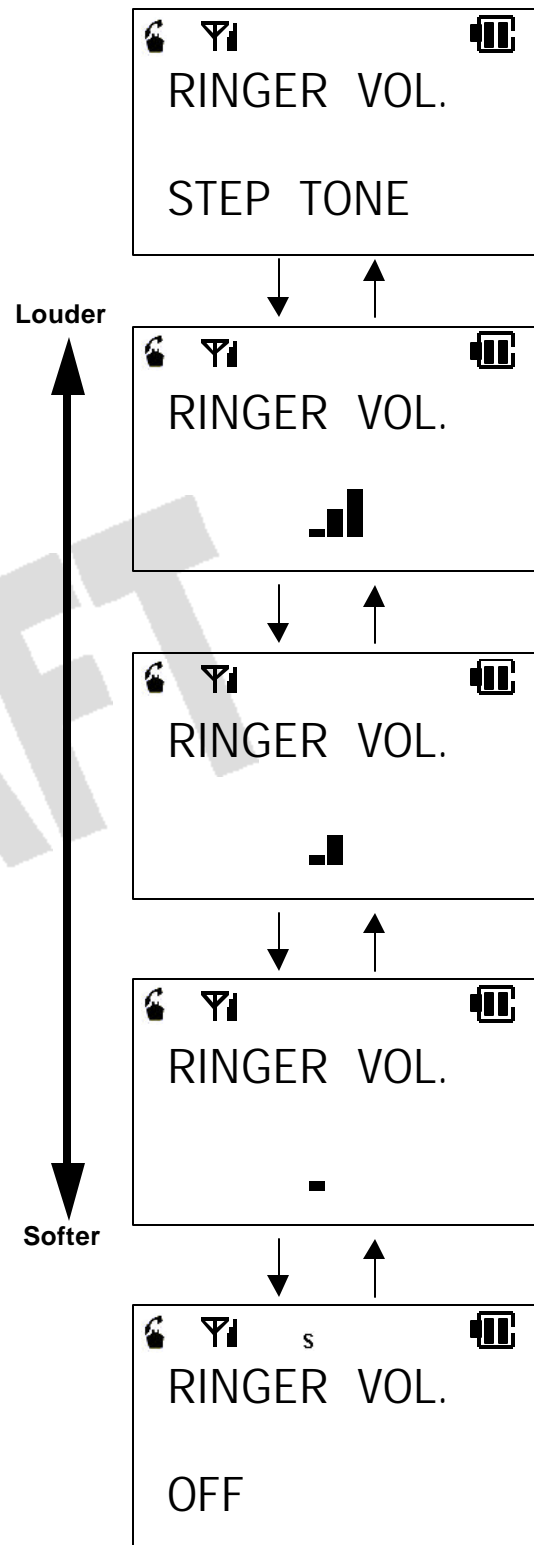
NOTE:

- The speaker volume setting will not change after you turn off the speaker.

Ringer Volume Control

You can adjust the ringer volume in three steps. You can also turn off the ringer.

1. When the portable station is idle or receiving a call, press [] or [].
2. Press [] to increase the volume, or press [] to decrease the volume.
3. The portable station goes back to the idle state in two seconds after you release the key.

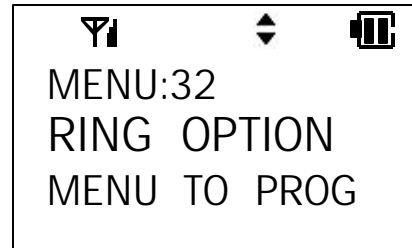


NOTES:

- The ringer volume setting will not change after you turn off the portable station.
- The letter S (for Silent) appears when the ringer is turned off.
- If the portable station is set to vibrate upon receiving a call, the Step Tone setting makes the portable station vibrate first and then ring (soft → medium → loud).
- When the portable station is in the Personal Ringing mode, it will operate in accordance with the Personal Ringing settings.

Ring Option

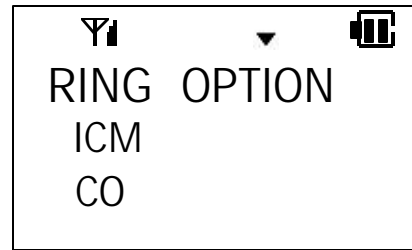
1. When the portable station is idle, press [Menu] [3] [2] to bring up the Ring Option menu.



2. Press [Menu].

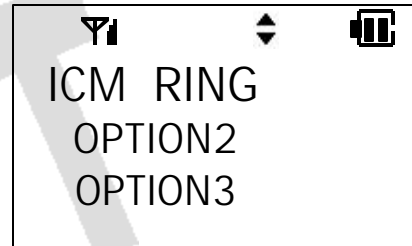
3. Press [] or [] to select a ringer type or Alarm, and then press [Menu].

You will hear the currently selected tone.



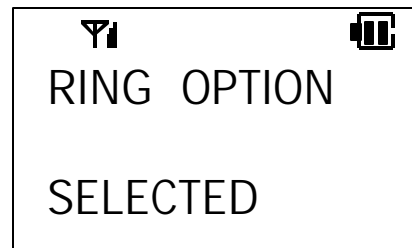
4. Press [] or [] to select a tone type.

Every time you press [] or [], you will hear the current tone indicated on the display.



5. Press [Menu].

You will hear a confirmation tone to indicate that the tone has been successfully selected.



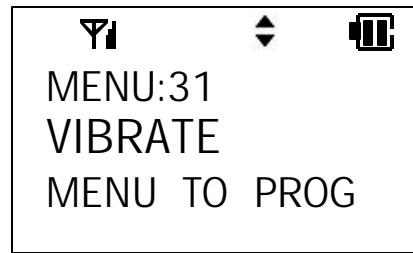
NOTES:

- You can select a tone for the following ringer types, etc.
 - Intercom Ringer
 - CO Call Ringer
 - PBX/CEX Ringer
 - Alarm
 - Doorphone Ringer
- The following tones are available.
 - Options 1–6
 - Doorphone 1–2
 - Melody 1 = *The Entertainer* (by Scott Joplin)
 - Melody 2 = *The Four Seasons: Spring* (by Antonio Vivaldi)
 - Melody 3 = *Military March No. 1 in D* (by Franz Schubert)
 - Melody 4 = *Sur le pont d'Avignon* (French Folksong)
 - Melody 5 = *Comin' Thro' The Rye* (Scottish Folksong)

Vibrate Alert

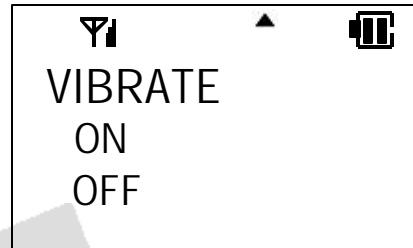
You can set the Vibration Alert feature to notify you of all incoming calls.

1. When the portable station is idle, press [Menu] [3] [1] to bring up the Vibrate menu.



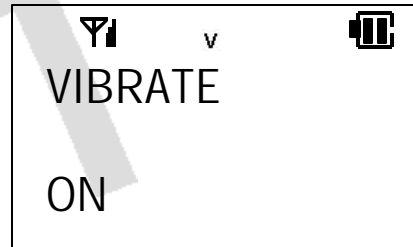
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone to indicate that the change has been successfully made.



DRAFT

Personal Ringing Mode

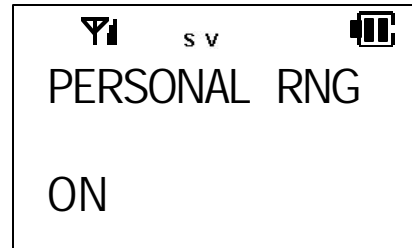
To minimize the inconvenience to people around you, you can temporarily change the settings for the ringer, confirmation/warning tones, and vibration to the ones programmed in the Personal Ringing settings.

1. When the portable station is idle, press and hold [#^{Pers}] for one second.

The confirmation tone may or may not sound, depending on the Personal Ringing setting.

NOTES:

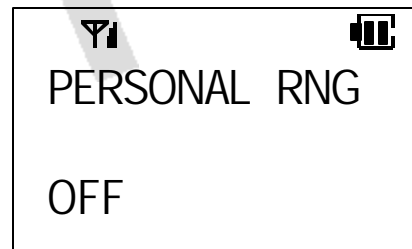
- When the portable station is idle and the Personal Ringing mode is ON, **PRS** appears on the display.
- The Personal Ringing settings will be preserved even if you turn off the portable station.
- The letter S (for Silent) and the letter V (for Vibration) may appear in the Personal Ringing mode, depending on the Personal Ringing settings.
- The Personal Ringing mode cannot be turned on or off while the Key Lock feature is ON.



Disabling Personal Ringing Mode

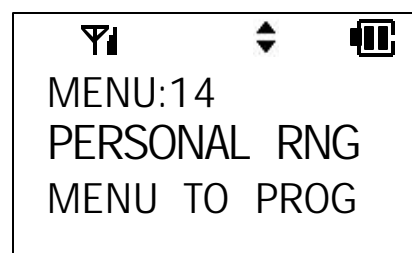
1. When the portable station is in the Personal Ringing mode, press and hold [#^{Pers}] for one second.

You will hear a confirmation tone to indicate that the Personal Ringing mode has been successfully disabled. The portable station will go back to the idle state.



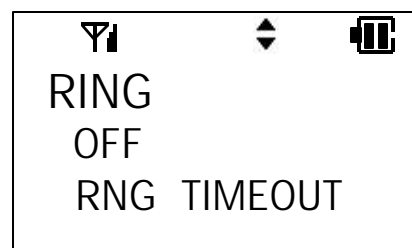
Personal Ringing Settings

1. When the portable station is idle, press [Menu] [1] [4] to bring up the Personal Ringing menu.

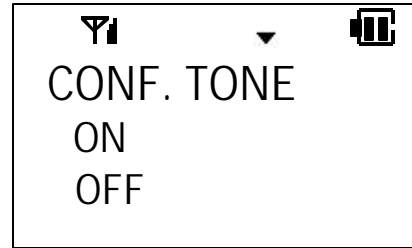


2. Press [Menu].

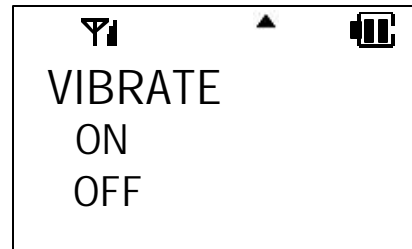
3. Press [] or [] to select from Ringer ON, OFF, or Ring Timeout, and then press [Menu].



4. Press [] or [] to select Confirmation Tone/Warning Tone ON or OFF.

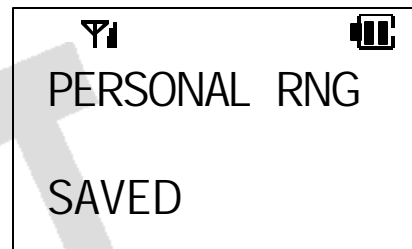


5. Press [] or [] to select Vibration ON or OFF.



6. Press [Menu].

You will hear a confirmation tone to indicate that the Personal Ringing settings have been successfully made. The portable station will go back to the idle state.



NOTES:

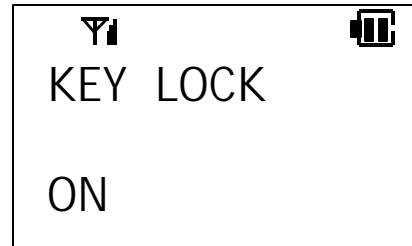
- When vibration is ON, the portable station will vibrate regardless of the ringer volume setting. If ringer is not turned OFF, the portable station will ring and vibrate at the same time upon receiving a call.
- If the portable station is set to vibrate upon receiving a call, the Step Tone setting makes the portable station vibrate first for ten seconds and then ring (soft → medium → loud).
- The portable station may or may not vibrate in the Personal Ringing mode, depending on the Personal Ringing setting.
- The Auto OFF setting makes the portable station ring for 30 seconds upon receiving a call. If a second call is received right after the first ring stops, the portable station will ring for another 30 seconds.
- The portable station will not vibrate while it is placed in the charger.

Key Lock

The Key Lock feature keeps you from inadvertently operating the portable station by hitting a key while carrying the portable station.

1. **When the portable station is idle, press and hold [* Lock] for one second.**

You will hear a confirmation tone to indicate that Key Lock has been successfully activated. The portable station will go back to the idle state.



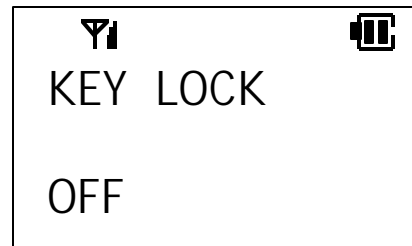
NOTES:

- Key Lock will be disabled once you turn off the portable station.
- When you receive a call while the Key Lock feature is ON, you can answer it by pressing [Send] for more than one second. The Key Lock feature will temporarily be disabled throughout the call.
- Even if the Any Key Answer feature is ON, the Key Lock feature supersedes it.
- You cannot turn on or off Key Lock during a call.
- Even if the Key Lock feature is ON, you can quickly stop alarm or ringer by pressing [End].
- The LCD or the keys will not be lit while Key Lock is ON.
- When you press a key while the Key Lock feature is ON, the words KEY LOCK will appear on the display for a short period.

Disabling Key Lock

1. **When the Key Lock feature is ON, press and hold [* Lock] for one second.**

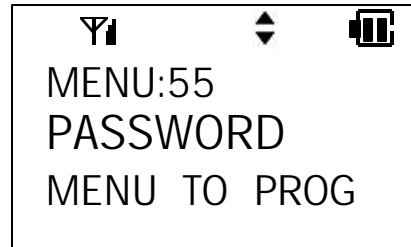
You will hear a confirmation tone to indicate that Key Lock has been successfully deactivated. The portable station will go back to the idle state.



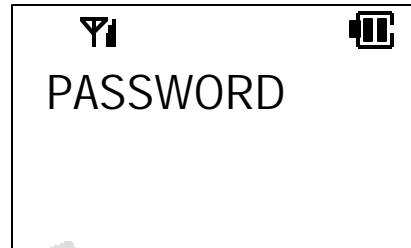
Registering/Changing Password

To activate/deactivate Dial Lock or Directory Lock, you need to register a four-digit password in advance.

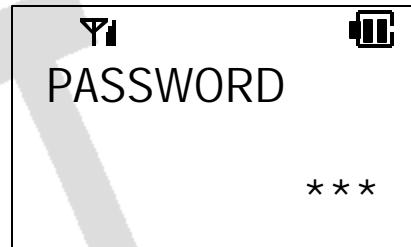
1. When the portable station is idle, press [Menu] [5] [5] to bring up the Password menu.



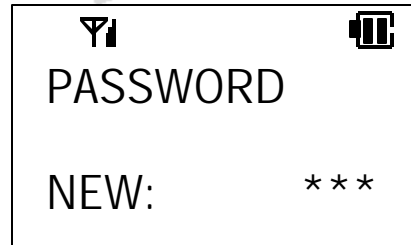
2. Press [Menu].



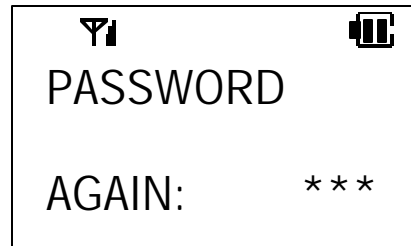
3. If a password is already registered, enter the four-digit password (0000–9999).



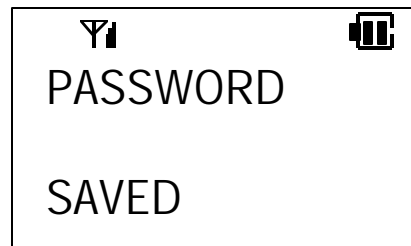
4. Enter a new four-digit password.



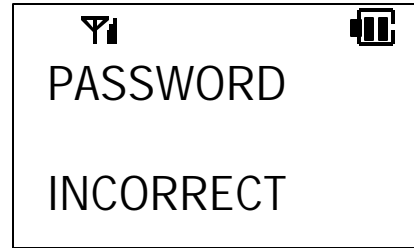
5. Reenter the new four-digit password.



You will hear a confirmation tone to indicate that the new password has been successfully saved.



If you enter the wrong password, you will hear a warning tone.



NOTES:

- The password is required to activate/deactivate Dial Lock or Directory Lock. Write it down and try not to lose it. If you do lose it, contact your dealer.
- You cannot delete the password.
- When you enter a password for the first time, you will not have to enter an old password.
- The password you entered will not be lost even when you turn off the portable station.
- Asterisks will replace the digits you enter.

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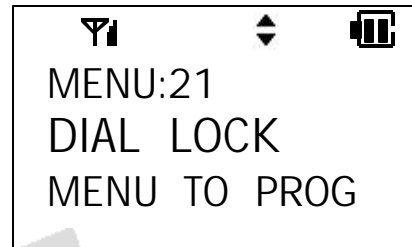
Dial Lock

If you activate the Dial Lock feature, you can prevent other people from making unauthorized phone calls using your portable station.

While the Dial Lock feature is activated—

- You cannot place outgoing calls (except for 911).
- You can receive incoming calls.
- You can turn on or off the portable station.
- You cannot activate/deactivate features except for the Key Lock feature.

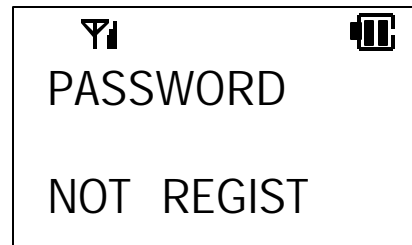
1. **When the portable station is idle, press [Menu] [2] [1] to bring up the Dial Lock menu.**



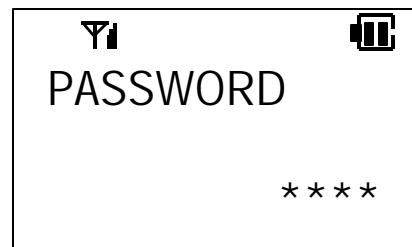
2. **Press [Menu].**



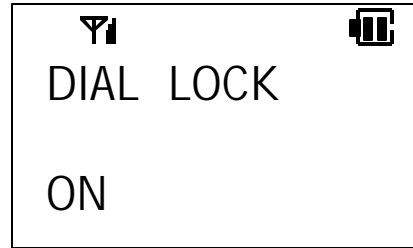
If a password is not registered, you will hear a warning tone to indicate that you cannot activate the Dial Lock feature.



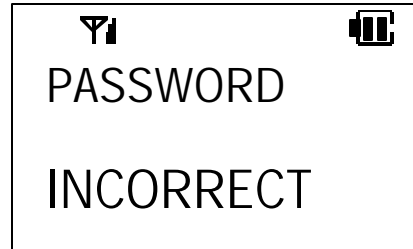
3. **Enter the four-digit password.**



You will hear a confirmation tone to indicate that the Dial Lock feature has been successfully activated. The portable station will go back to the idle state.



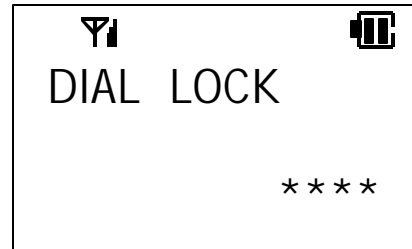
If you enter the wrong password, you will hear a warning tone.



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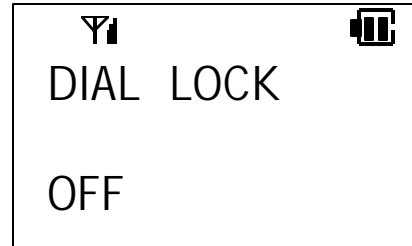
Disabling Dial Lock

1. Enter the four-digit password.

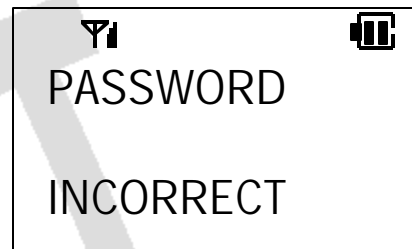


2. Press [Menu].

You will hear a confirmation tone to indicate that the Dial Lock feature has been successfully disabled.



If you enter the wrong password, you will hear a warning tone.



NOTES:

- Press [End] if you would like to stop disabling the Dial Lock feature.
- If you press an invalid key while the Dial Lock feature is ON, the words DIAL LOCK will appear on the display.
- The Dial Lock setting will not be lost even if you turn off the portable station.
- If the Key Lock and Dial Lock features are both activated, you need to deactivate the Key Lock feature first before deactivating the Dial Lock feature.
- The password is required to activate/deactivate the Dial Lock feature or the Directory Lock feature. Write it down and try not to lose it. If you do lose it, contact your dealer.

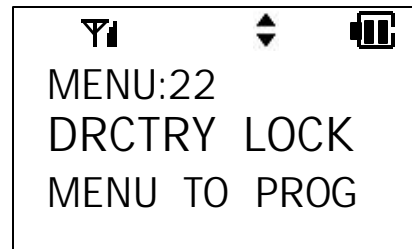
Directory Lock

If you activate the Directory Lock feature, you can prevent other people from looking in your Directory.

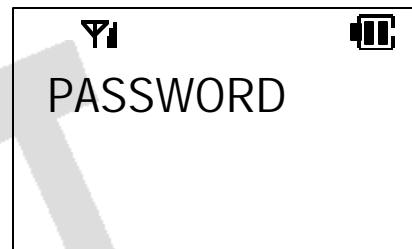
While the Directory Lock feature is activated—

- You cannot look in your Directory.
- You can still place or receive calls.
- You can turn on or off the portable station.

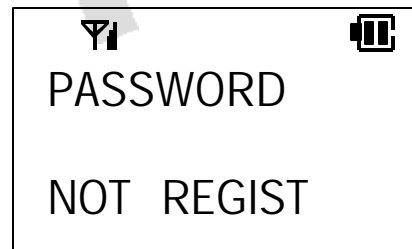
1. When the portable station is idle, press [Menu] [2] [2] to bring up the Lock Directory menu.



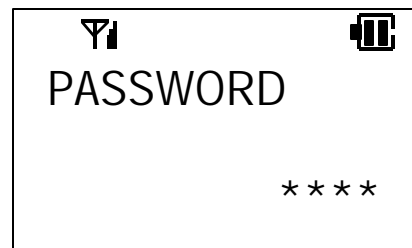
2. Press [Menu].



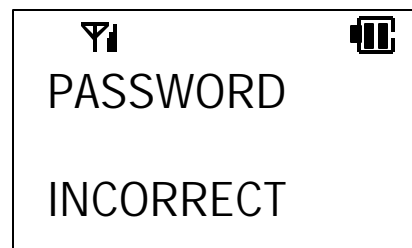
If a password is not registered, you will hear a warning tone to indicate that you cannot activate the Directory Lock feature.



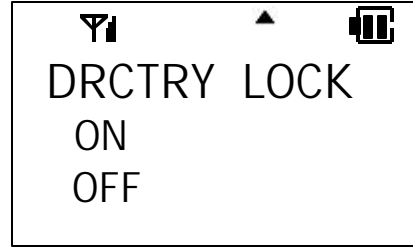
3. Enter the four-digit password.



If you enter the wrong password, you will hear a warning tone to indicate that you cannot activate the Directory Lock feature.



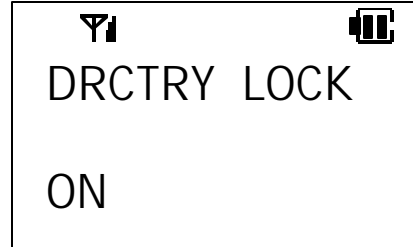
4. Press [] or [] to select ON or OFF.



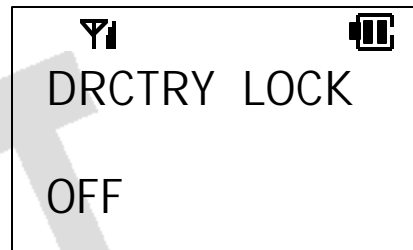
5. Press [Menu].

You will hear a confirmation tone to indicate that the Directory Lock feature has been successfully turned on or off. The portable station will go back to the idle state.

If the Directory Lock feature is turned on, the word ON appears on the display.



If the Directory Lock feature is turned off, the word OFF appears on the display.

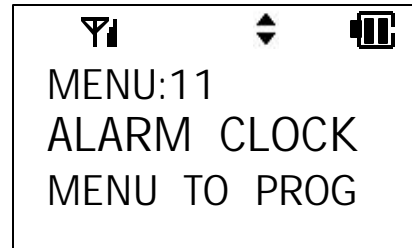


NOTES:

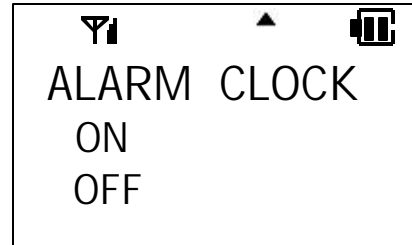
- Press [End] if you would like to stop disabling the Directory Lock feature.
- If you press [Dir] while the Directory Lock feature is ON, the words DRCTRY LOCK will appear on the display.
- If the Key Lock feature or the Dial Lock feature is activated along with the Directory Lock feature, you need to deactivate the Key Lock feature or the Dial Lock feature first before deactivating the Directory Lock feature.
- The password is required to activate/deactivate the Dial Lock feature or the Directory Lock feature. Write it down and try not to lose it. If you do lose it, contact your dealer.

Alarm Clock

1. When the portable station is idle, press [Menu] [1] [1] to bring up the Alarm Clock menu.



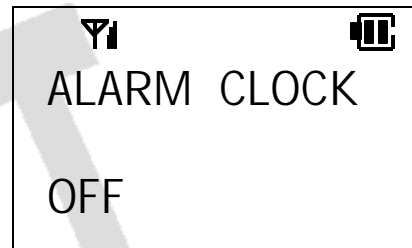
2. Press [Menu].



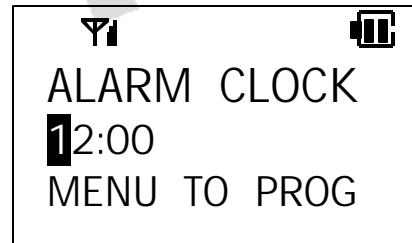
3. Press [] or [] to select ON or OFF.

4. Press [Menu].

If you have selected OFF, you will hear a confirmation tone.
The portable station will go back to the idle state.



5. Set the alarm time.

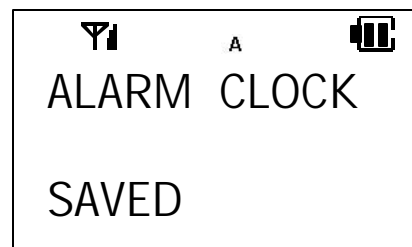


6. Press [Menu].

7. Press [] or [] to select ONE TIME or EVERY DAY.



8. Press [Menu].



NOTES:

- The letter *A* (for Alarm) appears on the display when alarm is set.
- You will hear the tone selected in Tone Selection.
- The alarm tone volume is the same as the ringer volume. An alarm tone may or may not be heard in the Personal Ringing mode, depending on the Personal Ringing setting.
- An alarm tone lasts one minute.
- Press [End] to stop an alarm tone (even while the Key Lock feature is ON).
- The Alarm setting will not be lost even if you turn off the portable station.

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Placing a Call with Earpiece Microphone

With an optional earpiece microphone attached to your portable station, you can place or receive calls by pressing the switch on the earpiece microphone.

If you have registered a phone number to the switch on the earpiece microphone, you can call that number by pressing the switch on the earpiece microphone.

1. **Connect an earpiece microphone to the portable station.**

Insert the plug of the earpiece microphone into the earpiece microphone jack on the portable station.

2. **Hold down the switch on the earpiece microphone until you hear two quick beeps.**

The registered number will be dialed out.

3. **Talk on the portable station.**

4. **Hold down the switch on the earpiece microphone until you hear two quick beeps to end the call.**

You can press [End] on the portable station instead to end the call.

Receiving a Call with Earpiece Microphone

1. **Connect a earpiece microphone to the portable station.**

Insert the plug of the earpiece microphone into the earpiece microphone jack on the portable station.

2. **When you receive a phone call, you will hear the ringer from the speaker and the earpiece microphone.**

3. **Hold down the switch on the earpiece microphone until you hear two quick beeps to answer the call.**

You can also answer the call by pressing [Send] on the portable station.

4. **Talk on the portable station.**

5. **Hold down the switch on the earpiece microphone until you hear two quick beeps to end the call.**

You can press [End] on the portable station instead to end the call.

NOTE:

- Refer to *Registering a Phone Number to Speed Dial Key*.

Programming the Portable Station

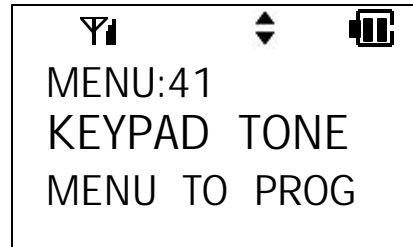
You can program the portable station to your liking with various menus.

- Press [End] to exit from any menu screen to the idle state.
- If you do not press a key during an operation for 30 seconds, the portable station will go back to the idle state. Start the operation over from the beginning. Press [Clear] to go back to the previous menu screen.
- If you receive a call during an operation, the operation will be canceled and the portable station will ring. Start the operation over from the beginning after finishing the call.

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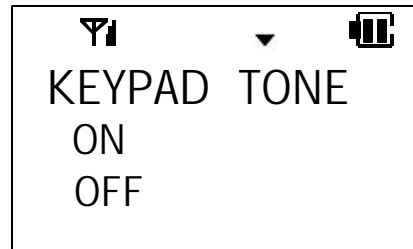
Disabling Keypad Tone

1. When the portable station is idle, press [Menu] [4] [1] to bring up the Keypad Tone menu.



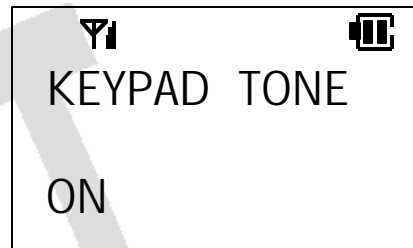
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.

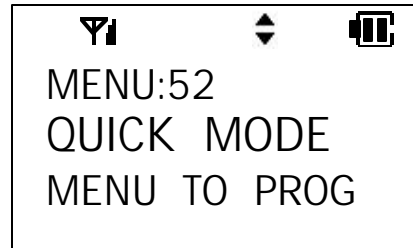


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PS Quick Mode (Charger Unit)

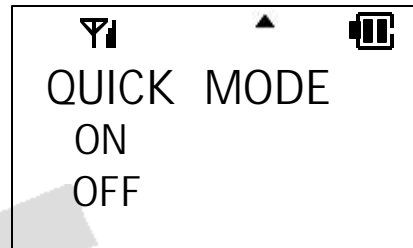
If the PS Quick mode is ON, you can pick up the portable station from the charger to answer a call and put it back to the charger to hang up the call.

1. When the portable station is idle, press [Menu] [5] [2] to bring up the Quick Mode menu.



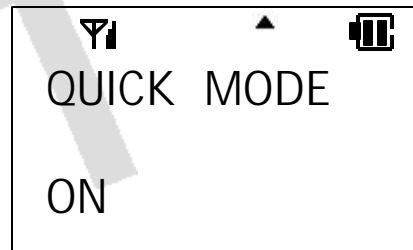
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.

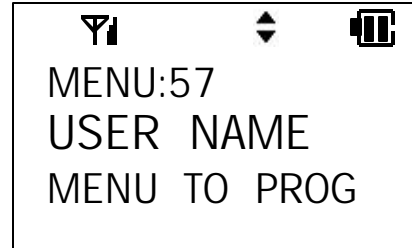


NOTE:

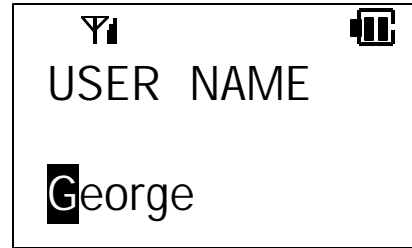
- The PS Quick mode can be configured in database programming so that you get a dial tone (right after you pick up the portable station from the charger) without pressing [Send].

User Name

1. When the portable station is idle, press [Menu] [5] [7] to bring up the User Name menu.



2. Press [Menu].



3. The currently registered user name will be displayed. Use [* □] or [# □] to move the cursor, and enter a new name.
4. Press [Menu].

You will hear a confirmation tone to indicate that the registration has been successfully made. The portable station will go back to the idle state.

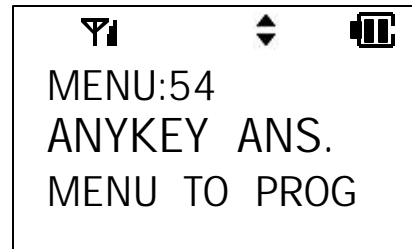
NOTES:

- The registered user name is displayed on the middle line when the portable station is idle.
- The display function of the key service unit overrides the display.

Any Key Answer

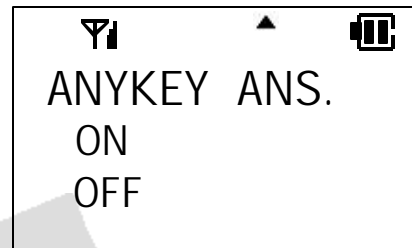
When the Any Key Answer feature is ON, you can answer a call by pressing any key (including 0-9, *, and #).

1. When the portable station is idle, press [Menu] [5] [4] to bring up the Any Key Answer menu.



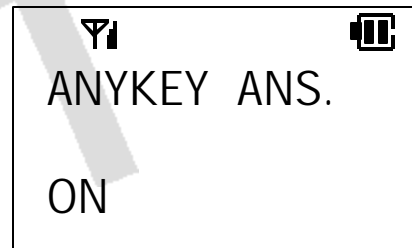
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.



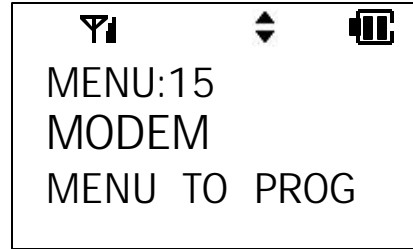
NOTE:

- If the Key Lock feature is ON, you cannot answer a call by pressing any key. You must press and hold [Send] for more than two seconds.

Modem Connection

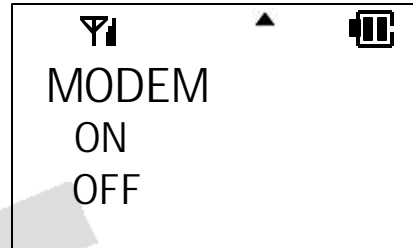
When the Modem Connection feature is ON, you can engage in data communications by connecting a commercially available modem to the earpiece microphone jack.

1. When the portable station is idle, press [Menu] [1] [5] to bring up the Modem menu.



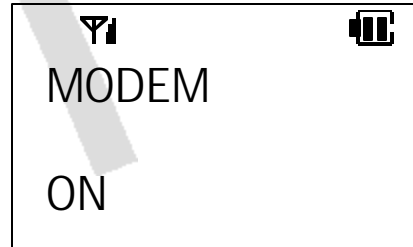
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.



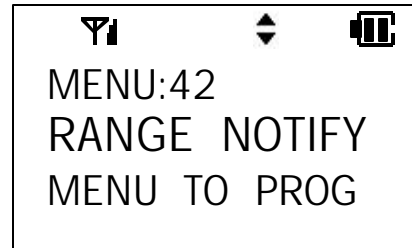
NOTES:

- To use the portable station with an earpiece microphone, disable the Modem Connection feature.

Range Notify

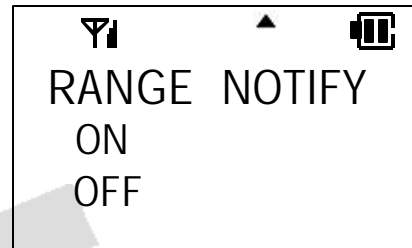
If you walk out of the service area with the portable station while the Range Notify feature is ON, the portable station will give off a warning tone.

1. When the portable station is idle, press [Menu] [4] [2] to bring up the Range Notify menu.



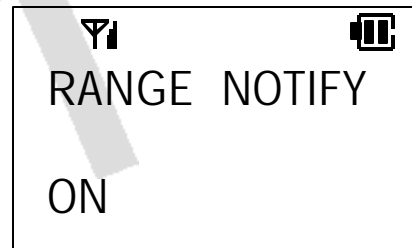
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.

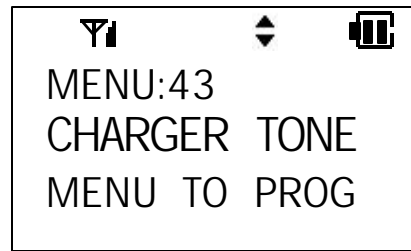


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Charger Tone

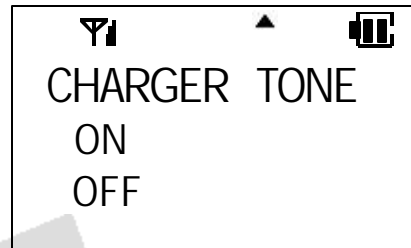
The charger tone lets you know that the portable station has been properly placed in the charger.

1. When the portable station is idle, press [Menu] [4] [3] to bring up the Charger Tone menu.



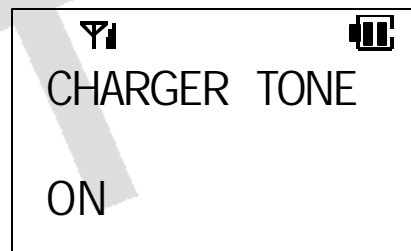
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.

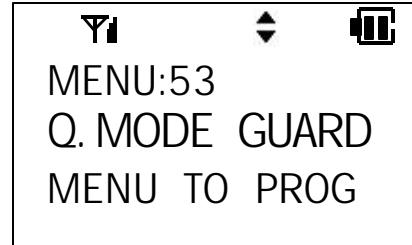


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Quick Mode Guard

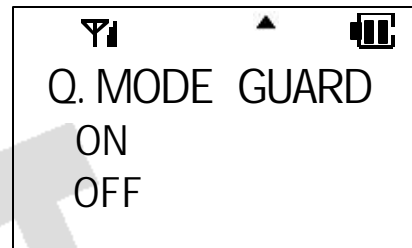
The PS Quick mode can be configured in database programming so that you get a dial tone (right after you pick up the portable station from the charger) without pressing [Send]. However, the line will be automatically disconnected if Quick Mode Guard is ON *and* if you do not press any key for 30 seconds after you pick up the portable station from the charger.

1. When the portable station is idle, press [Menu] [5] [3] to bring up the Quick Mode Guard menu.



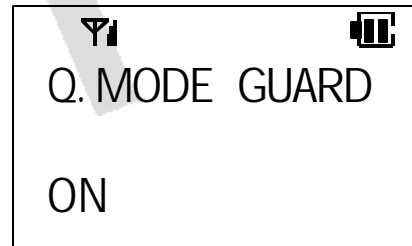
2. Press [Menu].

3. Press [] or [] to select ON or OFF.



4. Press [Menu].

You will hear a confirmation tone, and the portable station will go back to the idle state.

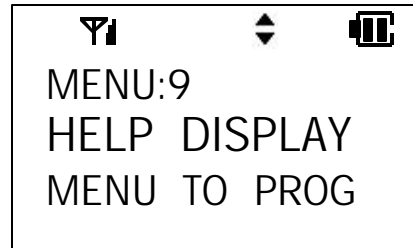


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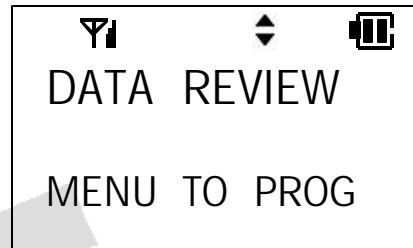
Help Display

Browse this list if you have forgotten how to operate Omegatrek. When an item is displayed, press [Menu] to change the setting.

1. When the portable station is idle, press [Menu] [9] to bring up the Help Display menu.



2. Press [Menu].



3. Press [] or [] to select a programming item.



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5. General Information

List of Available Programming Items

Press [Menu] and enter the desired menu number. You can also press [Menu] and press [] or [] repeatedly to bring up the desired menu.

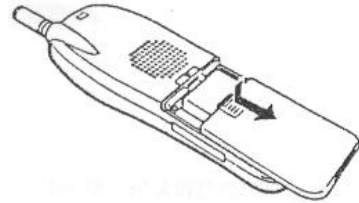
Programming Item	Menu Number	Description	Default Setting
Extension Number	0	Verify your own extension number.	—
Alarm Clock	11	Set an alarm time.	—
System Select	12	Change system manually.	—
Personal Ringing Settings	14	Change settings for the Personal Ringing mode.	Ringer: OFF Confirmation/Warning Tones: OFF Vibration: ON
Modem Connection	15	Enable or disable the Modem Connection feature.	OFF
Dial Lock	21	Activate or deactivate the Dial Lock feature.	OFF
Directory Lock	22	Activate or deactivate the Directory Lock feature.	OFF
Delete All Directory	23	Delete all entries in the Directory.	—
Vibrate Alert	31	Enable or disable the Vibration Alert feature.	OFF
Ring Option	32	Select a tone type.	—
Keypad Tone	41	Enable or disable the keypad tone.	ON
Range Notify	42	Enable or disable the Range Notify feature.	OFF
Charger Tone	43	Enable or disable the charger tone.	ON
Time	51	Program time and calendar.	—
PS Quick Mode	52	Enable or disable the PS Quick mode.	OFF
Quick Mode Guard	53	Enable or disable Quick Mode Guard.	OFF
Any Key Answer	54	Enable or disable the Any Key Answer feature.	OFF
Registering Password	55	Register a password.	—
User Name	57	Register a user name.	—
Directory Group Name	58	Name a Directory group.	—
One Touch	7	Register a phone number to a Speed Dial key. Edit or delete a phone number assigned to a Speed Dial key.	—
Help Display	9	Browse a list of programming items.	—

Replacing Battery

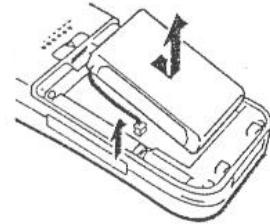
The life of the battery in the portable station varies with usage, but is generally about one year. If the battery cannot be recharged by the battery charger included with the portable station, or if it drains quickly after a full recharge, it should be replaced with a new battery.

1. If the portable station is on, press and hold [Power] for more than two seconds to turn it off.

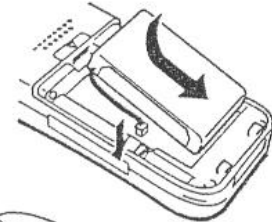
2. Remove the battery cover.



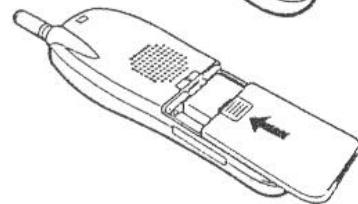
3. Unplug the connector and remove the old battery.



4. Plug the new battery into the connector and place the battery snugly into the compartment.



5. Replace the battery cover.



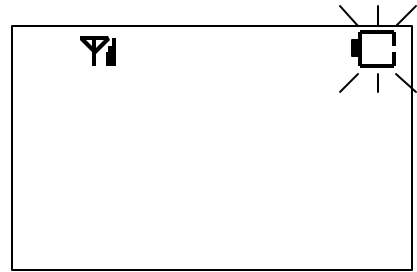
6. Place the portable station in the charger and charge the battery for more than seven hours.

NOTES:

- Be sure to turn off the portable station before replacing the battery.
- Do not use other than specified battery charger.
- Do not dispose of the battery in fire. Do not heat up the battery.
- Do not use the battery in other than Omegatrek.

Battery Low Warning

When the battery becomes low, you will hear a warning tone and the Battery icon starts to blink. It is time to recharge the battery.



If this happens during a call, end the conversation promptly and place the portable station back in the charger.

NOTES:

- If you keep talking on the portable station after hearing a battery low warning tone, the call will be disconnected in a minute or so. (Depending on the condition of the battery or the ambient temperature, the call may be disconnected sooner.)
- You may hear a battery low warning tone even if the Battery icon indicates that the battery is still charged, depending on the condition of the battery, the ambient temperature, etc.

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Out of Area

If you walk outside of the service area while the portable station is in the idle state, the Antenna icon on the display will disappear. If this happens, go to an area where you can see the Antenna icon again to receive or place a call.

If you walk outside of the service area while you are talking on the portable station, you will lose the voice of the other party or start hearing a Range Notify tone. If this happens, go to an area where the signal is stronger (or where you no longer hear the warning tone).

NOTES:

- You cannot place a call in the service area when you hear a busy tone and see the words CHANNEL BUSY on the display. This is because other portable stations are using all available channels and there is no open channel left. Try again later.
- Sometimes [Send] and dial pad keys may not work while you are in the service area. This is because the portable station is automatically communicating with the base station. Try again later.
- You get better reception if you extend the antenna.
- If you walk outside of the service area while you are talking on the portable station, the call may be disconnected after you hear a warning tone.
- The building structure (concrete panels, etc.) may reduce the size of the service area.
- You cannot talk on the portable station while you are hearing a Range Notify tone.

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Troubleshooting

Check the items listed below before sending the portable station for repair.

Basic Operation

Symptom	Probable Cause	Remedy
You cannot turn on the portable station.	You are not pressing [Power] long enough.	Press and hold [Power] for more than two seconds.
	The battery is exhausted.	Recharge the battery.
	The battery is not connected properly.	Connect the battery properly.
The portable station does not operate.	Power Failure	The portable station is not at fault.
You cannot place a call.	You are outside of the service area.	Go back in the service area.
	The Key Lock feature is enabled.	Disable the Key Lock feature.
	The Dial Lock feature is enabled.	Disable the Dial Lock feature.
	All lines are busy.	Wait awhile and try again.
	You are in a fast-moving vehicle.	Stop and try again.
You cannot use the Directory.	The Directory Lock feature is enabled.	Disable the Directory Lock feature.
	You walked out of the service area.	Go back to the service area and try again.
The call has been suddenly disconnected.	The battery is running out.	Recharge the battery and try again.
	You are in a weak-signal area.	Move to receive a stronger signal.
The call is noisy and intermittent.	You are close to a household appliance or office equipment that generates noise.	Move away from such equipment.

Specifications

Item	Handset	Charger
Size	1.7" x 0.9" x 5.5" (excluding antenna and projections)	3.0" x 3.0" x 2.8"
Weight	3.7 oz. (including battery)	4.7 oz. (including power cord)
Power Supply	DC 3.6 V Lithium Ion Battery	AC 120 V, 60 Hz
Power Consumption	0.4 W	96 W
Talk Time	4.5 Hours	—
Standby Time	320 Hours	—

- The talk time is a calculated value based on the normal temperature condition. It may vary with the ambient temperature and the condition of the battery.
- The standby time is a calculated value based on the condition where the signal from the base station is stable. If the signal is weak, the battery may drain faster and the standby time may become shorter.
- For reasons of performance improvement, the specifications and the appearance are subject to change without notice.

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