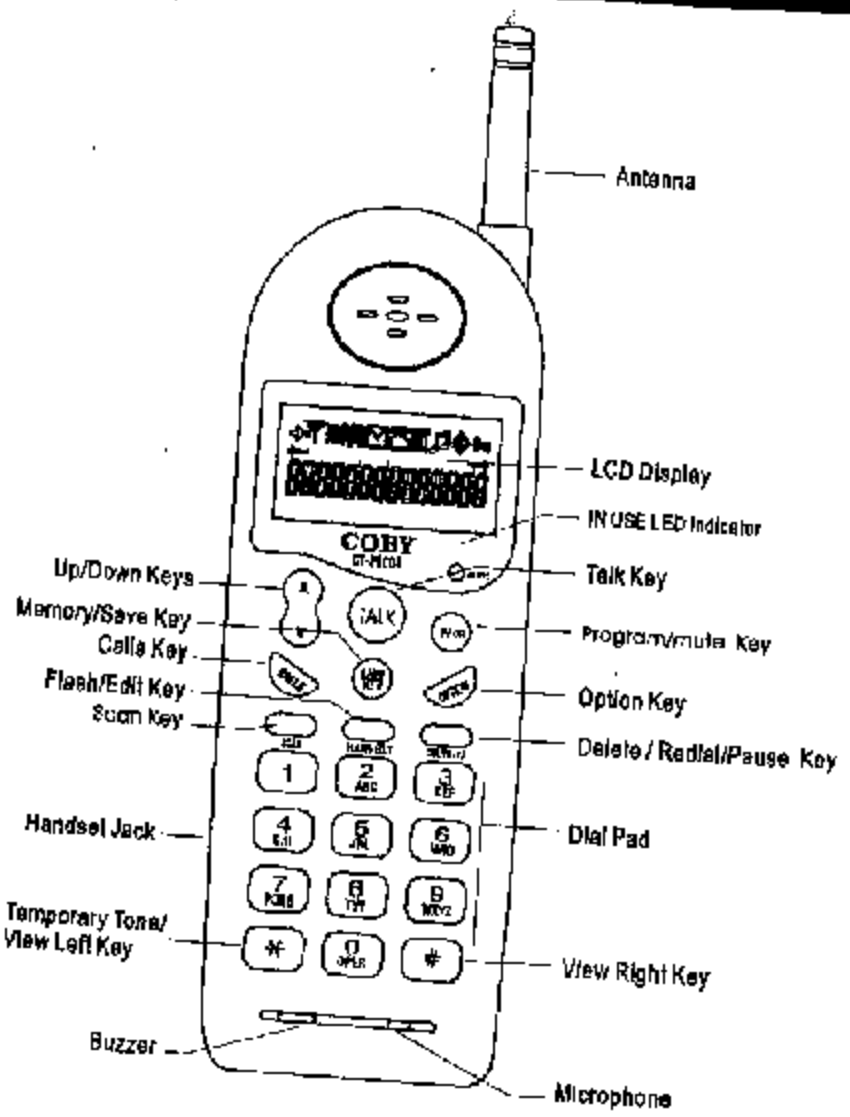
LOCATION OF CONTROLS AND FEATURES



NOTE:

This handset outline drawing is applicable for CT-P8000, the others is not applicable.

LOCATION OF CONTROLS AND FEATURES

TALK

The key is used to access the telephone line and end a call.

Redial Key /DELETE

When the phone is idle or off-hook, press to redial the last number dialed. When viewing or editing menus and logs, the **/DELETE key** is used to e digits on the display and single or multiple entries from the phone book and Caller ID directories. is also used to insert a programmable pause into a number stored in the phone book.

Caller ID Key

The key is used to review Caller ID information stored in memory.

Option Key

The key is used to change the 7/10/11 digit dialing mode during caller ID Call-Back.

Mute Key /MENU

The /MENU key is used to temporarily mute the handset microphone. The key is also used to access the programmable functions of your phone.

Up/Down Keys

The

+ keys let you scroll through menus and logs, and adjust the handset volume.

Dial Pad

Numeric keys are used in the conventional manner for dialing.

Flash Key /EDIT

The /EDIT key is used to access telephone company services, like call Waiting. It is also used to create and edit phone book entries.

Memory Key /SAVE

Use /SAVE to program and retrieve the numbers in the speed dial directo The /SAVE key is also used to save numbers into the phone book and Other settings.

Channel Change Key

The key, when pressed, will scan up to 50 channels and select the cleares One to provide the best possible reception.

Temporary Tone/View Left Key

If the base is set to pulse dialing, pressing causes subsequent digits to b dialed out using tone until the line is put back on hook. Also used to view the l part of the display and move the cursor left when editing.

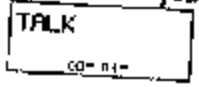
View Right Key

Used to view the right part of the display and move the cursor right when editi

Headset Jack

Making Calls

1. Pick up the handset from the base.
2. Press . "TALK" will display on the screen and the call timer will begin. Wait until you hear a dial tone.



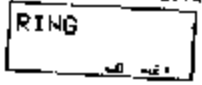
3. Dial the number you wish to dial.
4. When you are finished talking, press the key or place the unit back into the base to end the call.

Note: The **CHARGE** light on the base will illuminate when the line is active.

Receiving Calls

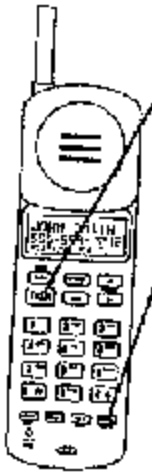
When you hear the phone ring:

1. If the handset is in the base, lift the handset from the base. The handset will turn on. There is no need to push the key if the unit is on the base when the call comes in. This auto-answer feature can be programmed off (see *handset settings* page 28).
2. If the handset is off the base the display will show "**RING**." If you have Caller ID, the display will show the Caller ID information after the first ring.

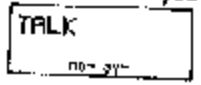


3. Push .
4. When you are finished, push or place the handset back on the base.

Redialing



1. Press . "TALK" will display on the screen and the call timer will begin. Wait until you hear a dial tone.



2. Press to redial the number last dialed (up to 32 digits).

Note: You can also press /DELETE first to display the number and then press to dial the number displayed.

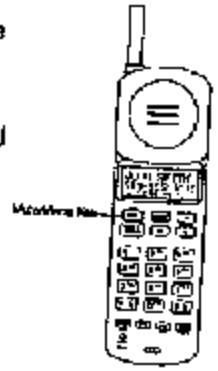
Additional Options

To:	Do This:
Adjust the volume in the earpiece	Press during a call until the desired volume level is reached.
Switch to temporary tone dialing	Press the key after the phone is in use. The phone will remain in tone dialing mode for the duration of the call.
Receive a call waiting call	Press to go to the new caller. Press again to go back to the original caller.
Mute a call	Press the key. Press to continue speaking to the caller.

Handset Settings

You can change the setting on the handset in the options menu. Access the options menu by pressing and holding the MENU key until "RING:HI" is displayed.

There are 13 settings in the options menu which can be changed. You can scroll through the option menu in the listed order by pressing the ▲ key. Settings which have a listed number can be reached directly by pressing that number on the keypad.



To edit most settings, press the EDIT key, use the ▲ ▼ keys to toggle between the setting options, and then press SAVE to save changes. You can continue programming options by using the dial pad keys or the ▲ ▼ keys to go to a new setting. Press MENU to exit the options menu.

Key Function

1 **Ring HI/Low/Off:** Change the volume of the ringer on the handset or turn the ringer off.

2 **Language:** Change the language that appears on the display. Choose between English, French, and Spanish.

3 **First Ring On/Off:** Turn the first ring of the phone off so that it does not ring until caller ID information has been displayed. Particularly useful when using the priority and blocked call features or the private and unavailable ring settings.

4 **Time Set:** Change the time and date.

5 **Area Code:** Allows the programming of a home area code where 7-digit dialing is used for ease of callback and other features.

6 **Contrast:** Adjust the brightness of the display for optimum viewing.

7 **PBX Number:** Number used to access PBX dialing options. The default setting is "9."

8 **PBX Mode On/Off:** Determines if the "PBX Number" is used before an outgoing number is dialed. When "On," automatically dials the PBX number and a pause, before any speed dial or caller ID callback number. Default setting is "Off."

Key Function

9 **Pause Time:** Allows you to adjust the number of seconds that a pause lasts such as during programmed pauses in your speed dial numbers or after your PBX number is dialed.

0 **MSG Waiting Delete:** Clears any current message waiting indication.

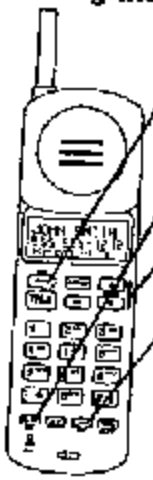
* **Auto Answer On/Off:** Turns on and off the feature which makes the phone automatically go off-hook when the handset is picked up from the base while the phone is ringing.

Private Ring On/Off: Turns on and off the ring for all calls where the caller has blocked their caller ID. Please note that the phone will ring once even when set to "Off" unless First Ring is programmed "Off" as well.

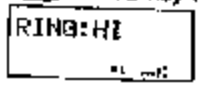
Unavailable Ring On/Off: Turns on and off the ring for all calls where caller ID information is unavailable. Please note that the phone will ring once even when set to "Off" unless First Ring is programmed "Off" as well.

Note: At any time during options programming you can quit and the settings that you have changed will be saved. Press MENU to quit or let the options programming time out by not pressing any keys for 20 seconds.

Setting the Ringer Level

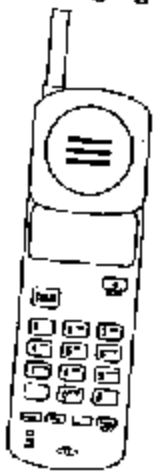


1. Press and hold the MENU key to enter the menu.



2. Press EDIT to change the setting. "HI" will begin flashing.
3. Use the ▲ ▼ keys to toggle between HI, LOW, and OFF.
4. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
5. Continue with programming or press MENU to return to the idle screen.

Changing the Language



1. Press and hold the MENU/MENU key to enter the menu.
2. Press 2 to go to the language programming option.
3. Press EDIT/EDIT to change the setting. "ENGLISH" will begin flashing.
4. Use the ▲ ▼ keys to toggle between ENGLISH, ESPANOL, and FRANCAIS.
5. When the setting you desire is displayed, press SAVE/SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU/MENU to return to the idle screen.

Turning the First Ring On or Off

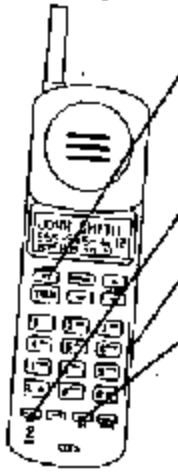
You can turn off the first ring of the phone so that it does not ring until caller ID information has been displayed.

1. Press and hold the MENU/MENU key to enter the menu.
2. Press 3 to go to the first ring programming option.
3. Press EDIT/EDIT to change the setting. "On" will begin flashing.
4. Use the ▲ ▼ keys to toggle between On and Off.
5. When the setting you desire is displayed, press SAVE/SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU/MENU to return to the idle screen.

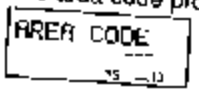
Setting the Time and Date

1. Press and hold the MENU/MENU key to enter the menu.
2. Press 4 to go to the time set programming option.
3. Press EDIT/EDIT to change the setting. The month will begin flashing.
4. Use the dial pad to enter the month in two-digit format. The date will begin flashing.
5. Use the dial pad to enter the date in two-digit format. The hour will begin flashing.
6. Use the dial pad to enter the hour in two-digit format. The minutes will begin flashing.
7. Use the dial pad to enter the minutes in two-digit format. AM and PM begin flashing.
8. Use the dial pad to choose between AM and PM, where 1 is AM and 2 is PM.
9. When the final setting is programmed, the time and date are automatically saved. A double beep will sound and you are returned to the options menu.
10. Continue with programming or press MENU/MENU to return to the idle screen.

Setting the Area Code



1. Press and hold the MENU key to enter the menu.
2. Press 5 to go to the area code programming option.

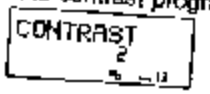


3. Press EDIT to change the setting. "---" will begin flashing.
4. Use the dial pad to enter the three digit area code that your phone number begins with.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Tip: Do not use the AREA CODE programming if you are required to dial 10 digits (XXX-XXX-XXXX) to dial a local number.

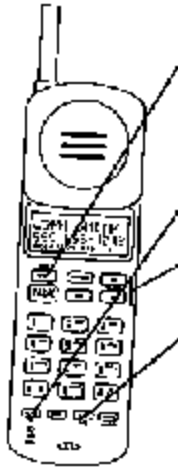
Adjusting the Contrast

1. Press and hold the MENU key to enter the menu.
2. Press 6 to go to the contrast programming option.

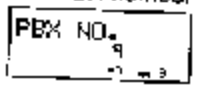


3. Press EDIT to change the setting. "2" will begin flashing.
4. Use the ▲ ▼ keys to toggle between the three levels of contrast.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Setting the PBX Number



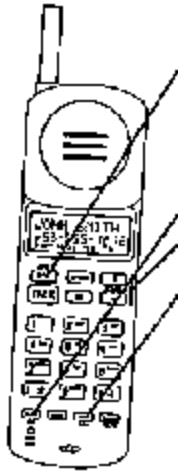
1. Press and hold the MENU key to enter the menu.
2. Press 7 to go to the PBX number programming option.



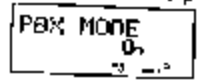
3. Press EDIT to change the setting. "9" will begin flashing.
4. Use the ▲ ▼ keys to customize the digit to match your PBX system.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Note: *The number programmed here is not active unless PBX mode is On.*

Turning PBX Mode On or Off



1. Press and hold the MENU key to enter the menu.
2. Press 8 to go to the PBX mode programming option.



3. Press EDIT to change the setting. "On" will flash.
4. Use the ▲ ▼ keys to toggle between On and Off.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Note: *You do not need PBX mode unless you need to dial a specific single digit number before each outgoing call.*

Changing the Pause Time

1. Press and hold the MENU key to enter the menu.
2. Press ▼ to go to the pause time programming option.

   PAUSE TIME
   2

3. Press EDIT to change the setting. "2" will begin flashing.
4. Use the ▲ ▼ keys to select the desired dialing delay.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Deleting Message Waiting Indication

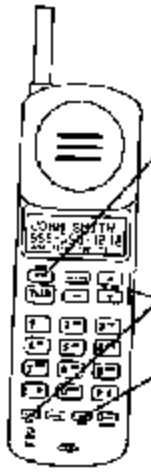
Clears any current message waiting indication. See page 40 for more information about message waiting.

1. Press and hold the MENU key to enter the menu.
2. Press ▼ to go to the message waiting programming option.

   MSG WAITING
   DELETE

3. Press EDIT to reset the message waiting indication. "DELETE" will begin flashing.
4. Press SAVE to delete the indication. A double beep will sound to confirm.
5. Continue with programming or press MENU to return to the idle screen.

Turning Auto Answer On or Off



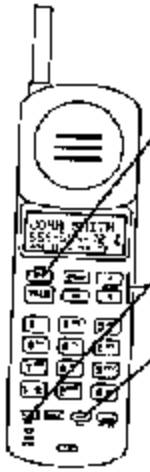
Turn on and off the auto answer feature. When on, the phone will automatically answer an incoming call if the handset is in the base.

1. Press and hold the MENU key to enter the menu.
2. Press ▼ to go to the auto answer programming option.

   AUTO ANSWER
   On

3. Press EDIT to change the setting. "On" will flash.
4. Use the ▲ ▼ keys to toggle between On and Off.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Disabling the Ring for Private Calls



Turns on and off the ring for all calls where the caller has blocked their caller ID.

1. Press and hold the MENU key to enter the menu.
2. Press ▼ twice to go to the private ring programming option.

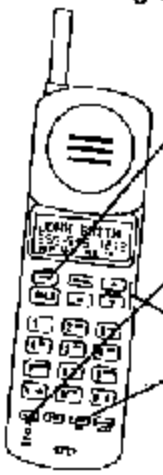
   PRIVATE RNG
   On

3. Press EDIT to change the setting. "On" will flash.
4. Use the ▲ ▼ keys to toggle between On and Off.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

Note: *The phone will ring once when set to "Off" unless First Ring is also set to "Off."*

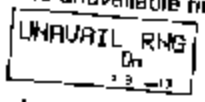
SETTINGS

Disabling the Ring for Unavailable Calls



Turns on and off the ring for all calls where caller ID information is unavailable.

1. Press and hold the MENU key to enter the menu.
2. Press ▼ to go to the unavailable ring programming option.



3. Press EDIT to change the setting. "On" will begin flashing.
4. Use the ◄ ► keys to toggle between On and Off.
5. When the setting you desire is displayed, press SAVE to save the setting. A double beep will sound to confirm the setting has been saved.
6. Continue with programming or press MENU to return to the idle screen.

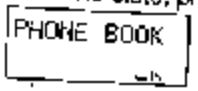
Note: *The phone will ring once when set to "Off" unless First Ring is also set to "Off."*

SPEED DIALING

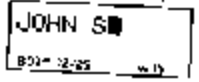
The PMG-3455 will store up to 20 speed dial numbers in the order that they are programmed. No duplicate numbers can be stored.

Storing Phone Numbers

1. With the handset in the idle state, press MENU.



2. Press EDIT to create a new phone book entry.

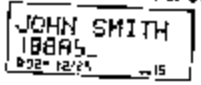


3. Enter the name you wish to store using the dial pad to enter the letters (up to 15 letters). See the following letter table for how to program the letters using the number pad. To move the cursor to the right, such as to add a space between words, push #.

Example: For **JOHN SMITH** dial this sequence:

5	666	44	66	1	7777	6	444	8	44
J	O	H	N	space	S	M	I	T	H

4. Press ▼, and dial the number you wish to store (up to 16 digits). Press REDIAL to insert a dialing pause into the number.



5. Press MENU/SAVE when finished to store the number to memory.

Note: *If there are no memory locations left in the speed dial directory the PMG-3455 will display "**MEMORY FULL**." To continue with memory programming, you must delete or edit existing speed dial numbers.*

Note: *If you mis-type entering the phone number, you can move through the number and edit it by pressing and holding the ◄ ► keys. To delete a flashing character, press the REDIAL/DELETE key; to delete a flashing number, press and hold the REDIAL/DELETE key.*

Letter Table

Key	1st Press	2nd Press	3rd Press	4th Press	5th Press	6th Press	7th Press	8th Press
1	Space	&	'	(	)	*	,	1
2	A	B	C	2	A	B	C	2
3	D	E	F	3	D	E	F	3
4	G	H	I	4	G	H	I	4
5	J	K	L	5	J	K	L	5
6	M	N	O	6	M	N	O	6
7	P	Q	R	S	7	P	Q	R
8	T	U	V	8	T	U	V	8
9	W	X	Y	Z	P	W	X	Y
0	0	0	0	0	0	0	0	0

Viewing the Phone Book

1. Press MENU to enter the phone book.

   PHONE BOOK

2. Press ▲ ▼ to locate the number you wish to view.

   JOHN SMITH
   5121234456

3. If the name or number is more than 11 characters, press the # and ▶ button to view the rest of the display (as indicated by the arrows in the top line of the display).

   JOHN SMITH
   555555 12 1

4. Press MENU to exit the phone book, or let the phone book time out.

Making Calls From the Phone Book

1. To make a call from the phone book, press MENU.

   PHONE BOOK

2. Locate the number you wish to dial using ▲ ▼.

   JOHN SMITH
   888-555-1212

3. Push TALK. The display will show the directory name, and begin dialing the number.

   JOHN SMITH
   16885

4. When you are finished with your call, press OFF, or place the handset back on the base.

Note: Be sure to check that the line is not in use by another extension.

Deleting a Stored Number

1. Press MENU.

   PHONE BOOK

2. Locate the number you wish to delete using ▲ ▼.

   JOHN SMITH
   888-555-1212

3. Press CLEAR/DELETE. The display will show "ERASE ITEM?"

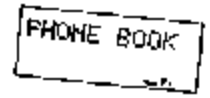
   ERASE ITEM?
   555555 12 12

4. Press CLEAR/DELETE to delete the phone book memory. The display will briefly show "ERASED" and return to the previous phone book entry.

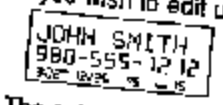
5. When you are finished press OFF.

Editing a Stored Number

1. Press PHONE BOOK.



2. Locate the number you wish to edit using ▲ ▼.



3. Press MENU/EDIT. The entry will display with a flashing prompt over the first character.

4. Move the cursor to the section you wish to edit using the ▲, ▼, ◄, and ► keys. When moving through the number field, it will be necessary to press and hold the ◄ and ► keys for more than one second until the cursor moves, since just pressing them enters a * or # into the dialing sequence. Any dial pad key pressed will be inserted in front of the cursor.

5. To delete a character, press the MUTE/DELETE key. To delete a number, press and hold the MUTE/DELETE key for more than one second until the number is deleted, since if the MUTE key is just pressed, it inserts a pause in the dialing sequence.

6. When the number is edited as you desire press MUTE/SAVE to store the edited entry.

Preferred (VIP) Calls

You can assign stored numbers as preferred calls. When an incoming call is matched to a stored number designated as "VIP," the phone will generate a special ringer sound after the first ring (caller ID information must be received first).

To mark a phone book entry as preferred:

1. Press PHONE BOOK.
2. Press ▲ or ▼ to go the desired entry.
3. Press the MENU/VOL button once. The LCD will show the "VIP" icon.
4. Press OFF to exit the phone book.

Blocked (REJ) Calls

If you do not want to have the phone ring when a specific number calls, you can store that number in the phone book and assigned it as blocked. When an incoming call is matched to a stored number designated as "REJ," the phone will not ring after the first ring (caller ID information must be received first).

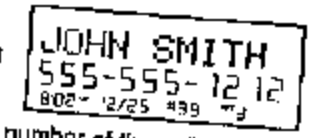
To mark a phone book entry as blocked:

1. Press PHONE BOOK.
2. Press ▲ or ▼ to go the entry to be blocked.
3. Press the MENU/VOL button twice. The LCD will show the "REJ" icon.
4. Press OFF to exit the phone book.

Caller ID allows the caller's name and phone number to be shown on the display before you answer the call. In order to use this feature you must first subscribe to Caller ID service with your telephone company.

When You Receive a Call

1. When the telephone rings, the caller's name and phone number appears on the display.



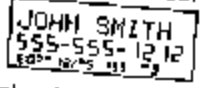
2. The new Caller ID record includes the name and number of the caller and the time and date the record is received. The New Call light will flash to indicate that you have a new Caller ID call stored in memory.

Note: When the Caller ID information is received, it is stored in memory so that this information can be recalled for later use. Up to 40 Caller ID calls can be stored.

Viewing the Caller ID List

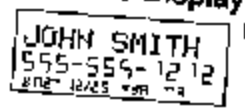
This phone automatically stores the last 40 calls received. If a call is received from the same number more than once since the records were last viewed, no new entry is made, but the repeat call icon ("RPT") and the number of repeat calls is displayed.

1. With the handset idle press CID.
2. Any unviewed (new) calls will be displayed first. The most recent call will be displayed. The information on the call will be displayed with the name, number, date, and time that the call was received.

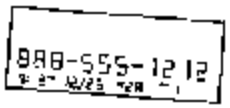


3. If the name or number is more than 11 characters, press the # and ▶ button to view the rest of the display.
4. To scroll to the next call, press ▲ or ▼. The ▲ will go through the calls from the last call received to the first. The ▼ will allow you to view the calls from the first call received to the last.
5. Press OFF to finish.

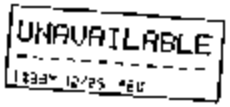
Caller ID Displays



Display shows name and number, time and date of the call.

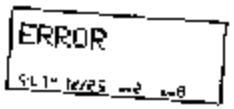


Display shows number-only service.



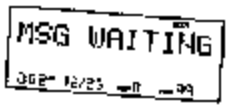
"UNAVAILABLE" will be displayed when Caller ID information is not available. This call was made from a telephone company that does not offer Caller ID services (including international calls).

"PRIVATE" will be shown when a call is received from a blocked number. For privacy reasons, some states allow callers the option to prevent their telephone data from being displayed on the other party's Caller ID display.



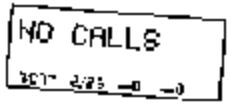
Display shows when the Caller ID information was received incorrectly or only part of the data was received.

Note: When an error is received, none of the data from this call is saved in memory.



Display shows when a voice mail message has been received and is stored by message waiting service provided by the phone company.

Display shows when the incoming call is a priority call.

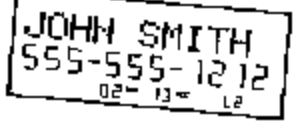


This is displayed when CID is pressed and there is no Caller ID data stored.

Caller ID with Call Waiting Service

In order to use the "Call Waiting Caller ID" service you must subscribe to a telephone company that offers Caller ID service combined with "call waiting" service.

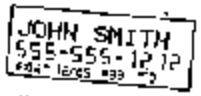
When a new call comes in while you are talking, you will hear a notification beep from the handset and the volume is momentarily muted. The new caller's name and phone number, if available, appears on the display. Once flash has been pressed, an "**L2**" in the lower right hand corner indicates the call waiting caller ID caller so you can keep track of who you are talking to.



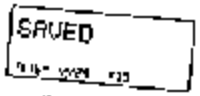
1. When you receive a "call waiting" call and you want to connect the call, press FLASH. The active call will be placed on hold and the new call will be active.
2. Press FLASH to alternate between calls.
3. Press OFF to end the call or place the handset back on the base.

Storing Caller ID Records

1. Press CID.



2. Use ▲ ▼ to scroll to the call record you wish to store into the phone book.
3. Press MENU/SAVE.



4. The display will show "**SAVED**."
5. If you wish to edit the newly stored number, edit it in the phone book (page 33, "Editing a Stored Number").
6. Press OFF to exit the Caller ID log.

Note: *When numbers are stored into the phone book, a "1" is inserted in front of the number. If you must dial a 10-digit number for local calls, you must edit the number to exclude that digit to dial out correctly.*

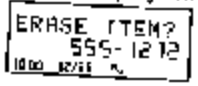
Deleting Caller ID Records

When viewing the Caller ID information you can delete a single call record or all the call records.

To Delete a Single Record

1. Press CID.

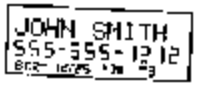
2. Use ▲ ▼ to scroll to the call record you wish to delete.
3. Press MENU/DELETE. The display will show "**ERASE ITEM?**"



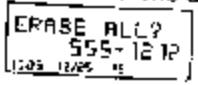
4. To delete the record press MENU/DELETE.
5. Press OFF to exit the Caller ID log.

To Delete All Records

1. Press CID.



2. Press and hold MENU/DELETE. The display will show "**ERASE ALL?**"



3. To delete all the Caller ID records press MENU/DELETE. The display will show "**ERASE ALL**" and then return to the idle display.

Using the Handset Finder (PAGE)

1. Press PAGE on the base. If the handset is within range, the handset will beep for 20 seconds.
2. Place the handset back into the base or press the PAGE key on the handset to stop the page/find feature.

Out-of-Range Warning

If you venture too far from the base, the handset will beep and the display will show **"OUT RANGE."** Reverse your direction to re-establish connection with the base or the call will be dropped. When the base detects that the handset has been out of range for 20 continuous seconds it will release the engaged line. If you try to access the line when the handset is out of range of the base, the display will show **"TRY AGAIN."**

Channel Changing

If you are experiencing interference during a telephone call, press the CHNL key. The PMG-3455 will scan up to 50 channels and select the clearest one to provide the best possible reception.

Your PMG-3455 telephone has been designed to give years of trouble-free service. It is a sensitive electronic instrument. To assure its longevity, please read the following maintenance instructions.

1. Keep the PMG-3455 away from heat as high temperatures can shorten the life of the electrical components and distort or melt its plastic parts.
2. The PMG-3455 should be kept free of dust and moisture. If it gets wet, wipe it dry immediately. Liquids can contain minerals that can corrode electronic circuits.
3. Handle your PMG-3455 gently and carefully. Dropping it can cause serious damage to circuitry, or the plastic case, which may result in malfunction.
4. Do not use any type of chemical or any abrasive powder to clean the cabinet. Use only mild detergents on a soft, damp cloth to clean the PMG-3455 telephone.
5. The PMG-3455 has built-in surge protection circuits that meet or exceed FCC requirements. However, an incident such as a lightning strike at or near the telephone lines, could cause serious damage.
6. If the PMG-3455 is installed in an area with frequent or severe electrical storms, it is suggested that the telephone be disconnected during these storms or that additional surge suppression equipment be added to the installation.
7. In the case of trouble with the telephone, do not attempt to repair the telephone yourself. It is the responsibility of users requiring service to report the need for service to our Service Department. They will make the necessary arrangements for repair or replacement.
8. If you should have any questions about the operation of your PMG-3455 telephone, please call our Service Department at **1-800-592-1336**. Or you may contact TT Systems LLC for technical assistance via our Internet Web site: **www.ttsystems.com** or e-mail: **tech@ttsystems.com**.
9. Please register your product online at **www.ttsystems.com/CustomerSupport/RegOnline.asp**