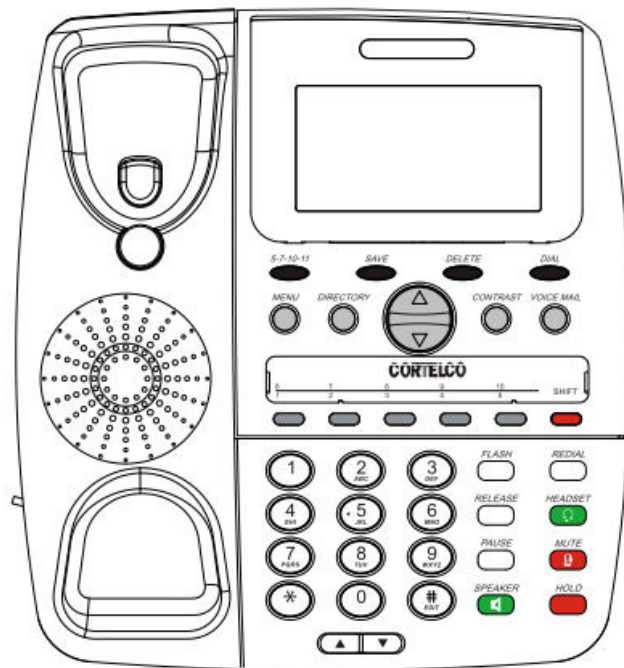# OWNER'S INSTRUCTION MANUAL

CALLER ID TYPE II MULTI-FEATURE TELEPHONE

MODEL 2730

CORTELCO

THANK YOU
FOR PURCHASING THE
2730 CALLER ID TYPE II
MULTI-FEATURE TELEPHONE

We want you to know all about your new Telephone, how to install it, the features it provides, and the services you can expect from its use. We have included this information in your Owner's Instruction Manual.

**PLEASE READ BEFORE INSTALLING
AND USING YOUR NEW TELEPHONE EQUIPMENT.**

Table Of Contents

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using your telephone equipment to reduce the risk of fire, electrical shock, and injury.

1. **Read and understand all instructions** in the Owner's Instruction Manual.

2. **Read all warnings** and follow all instructions marked on the product.

3. **Unplug this product from the wall outlet before cleaning**. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.

4. **Do not use the telephone near water**. For example, do not use near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.

5. **Do not place this product on an unstable cart or stand**. The product may fall causing serious damage to the product.

6. **Use only the type power source indicated on the label.** If you are not sure of the type power supply to your home, consult your dealer or local power company.

7. **Do not place any objects on the telephone line cord**. Do not locate the telephone where the line cord will be walked on.

8. **Do not block or cover ventilation slots and openings** in the bottom of the telephone. The openings should never be blocked by placing the telephone on a bed, sofa, rug, or other similar surfaces. The telephone should never be placed near or over a radiator or heat register. The telephone should never be placed in a built-in installation unless proper ventilation is provided.

9. **Never spill liquid on the telephone or push objects of any kind through ventilation slots**. Liquid or objects may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock.

10. **Do not disassemble this product**. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electrical shock when the product is subsequently used.

11. **Do not overload outlets and extension cords.** Some telephones require AC power from an outlet. Overloading the outlets can result in the risk of fire or electric shock.

12. **Avoid using a telephone during a local thunderstorm**. There may be a remote risk of electrical shock from lightning. Fuse (F1) is rated at 0.75A/250V Time Delay.

13. **Do not use a telephone to report a gas leak in the vicinity of the leak**.

14. **Unplug the telephone from the wall outlet and refer servicing to qualified service personnel** under the following conditions:

    • When the line cord is frayed or plugs damaged.

    • If liquid has been spilled into the telephone.

    • If the telephone has been exposed to rain or water.

    • If the telephone does not operate properly by following the operating instructions. (Adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.)

    • If the telephone has been dropped or the housing damaged.

    • If the telephone exhibits distinct change in performance.

CAUTION-Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

SAVE THESE INSTRUCTIONS

TELEPHONE PART IDENTIFICATION
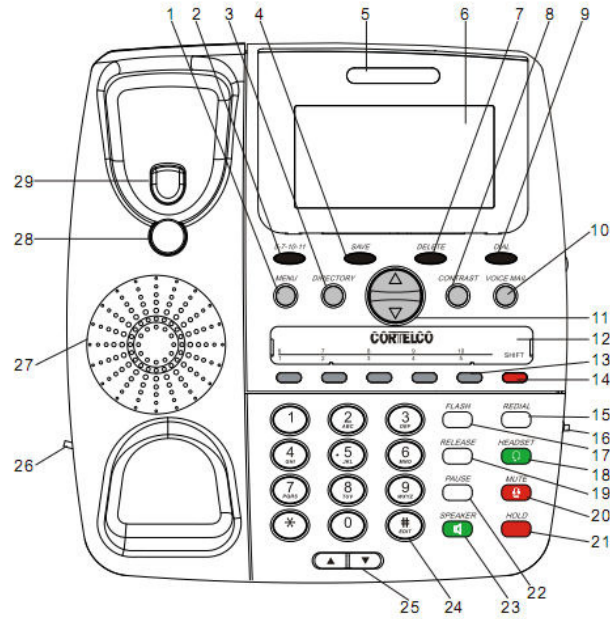
1	Menu Button	16	Headset Jacks
2	5-7-10-11 Button	17	Flash Button
3	Directory Button	18	Headset Button with LED
4	Save Button	19	Release Button
5	Message Lamp	20	Mute Button with LED
6	Multi-Angle LCD	21	Hold Button with LED
7	Delete Button	22	Pause Button
8	Contrast Button	23	Speaker Button with LED
9	Dial Button	24	Edit Button
10	Voice Mail Button	25	Volume Up/Down Button
11	Review Up/Down Button	26	Handset Jack
12	Directory/Logo Strip	27	Speaker
13	5 Auto Memory Buttons	28	Handset Hook
14	Shift Button	29	Hookswitch
15	Redial Button		

INSTALLATION

DESK MOUNT

1. Select the desired viewing angle and install the desk stand. The desk stand can be installed in two positions to give a choice of viewing angle.
2. Connect the line cord. The line cord conncects to the jack marked LINE on the bottom of the phone..
3. Plug the coiled cord into the handset jack, and then plug the other end of the cord into the base.
4. Place the handset on the base.

WALL MOUNT

1. Remove the desk stand. The unit will then mount directly on a standard wall telephone jack.
2. Rotate the handset hook into the wall mount position.
3. Plug the coiled cord into the handset, and then plug the other end of the cord into the base.
4. Place the handset on the base.

ANSWERING MACHINE

1. Connect the LINE jack of the answering machine to the wall telephone jack.
2. Connect the LINE jack of the model 2730 phone unit to the PHONE jack of the answering machine.
3. Set the answering machine to answer after 2 or more rings.

MESSAGE WAITING LAMP

If your phone is installed behind a Message Waiting enabled PBX, you will need to set the M/W switch in order to receive Message Waiting indication.

1. Locate the switch on the bottom of the telephone.
2. For 90V PBX Message Waiting Indication, move the switch to the position marked "90V". For 24V PBX Message Waiting Indication, move the switch to the posi tion marked "24V". If connecting directly to telephone lines, move the switch to the center "OFF" position.

Message Waiting Switch Location
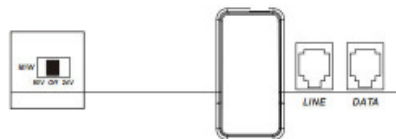
Warning: Setting this switch in a position other than OFF can cause this phone to function incorrectly. When enabled, this feature is for PBX systems, and not meant for direct Central Office (CO) interface. If connecting to CO telephone lines, make sure this switch is set to OFF.

UNIT SETUP

FACTORY PRESETS

The following table shows the default factory settings:

LANGUAGE .... ENGLISH
STUTTER TONE .... YES
AREA CODE .... No Setting
LDS CODE... 1
ACCESS CODE .... No Setting
TIME & DATE .... No Setting
FLASH TIMER .... 600 ms
RINGER CADENCE 3
RINGER VOLUME 3
RINGER SUPPRESS .... NO
VOICEMAIL NUMBER .... No Setting
#3 SEC PAUSES .... No Setting
VM PASSWORD .... No Setting
HOLD MODE .... NORMAL
RELEASE MODE .... NEW CALL
SDT TIME 1700
HIDE REDIAL NUM .... NO
ENABLE KEY TONE .... NO

Press **MENU** to review or program the features.9

1. [*SELECT LANGUAGE*] appears on the display. Press **REVIEW UP** to select the language. ENG - English, ESP - Spanish, FRE - French, and then press **MENU** to confirm the selection.
2. When [*STUTTER TONE*] appears, use 1 to activate Stutter Dial Tone Message Waiting or 2 to deactivate it. See the Message Waiting section of this User Guide on Page 15 for more information about types of Message Waiting.
3. When [*ENTER AREA CODE*] appears, enter the desired area code using the keypad. Use **REVIEW UP** and **REVIEW DOWN** to skip a digit. Press **MENU** to confirm area code.
4. When [*ENTER 2ND CODE*] appears, use the same procedure described above. This is for a second local area code. In most cases, it will be left blank. To leave an area code blank, press **MENU** without entering digits.
5. When [*SET LDS CODE*] appears, enter the desired LDS code using the keypad. This is the code which is dialed for a Long Distance Call. In North America, this code is "1." Press **MENU** to confirm the selection.
6. When [*SET ACCESS CODE*] appears, enter the desired access code using the keypad. This is the code which is dialed to access an outside line when the phone is operating behind a PBX. Press **MENU** to confirm the selection.
7. When [*EDIT TIME & DATE*] appears, enter the time using the keypad. Enter a leading "0" if the value is less than 10. The AM/PM indicator switches to AM by default. Press **REVIEW DOWN** to select PM if necessary. Then press **REVIEW UP** to move to the date. Enter the date using the keypad. Press **MENU** to confirm the settings. Example: To enter 8:35 AM, enter 0835 and then press **REVIEW UP** to skip to the date because the time is AM by default.

8. When [*FLASH TIMER (MS)*] appears, press **REVIEW UP** to toggle between 600ms, 100 ms, and 300ms. Press **MENU** to confirm selection.
9. When [*RINGER CADENCE*] appears, the default setting is 3. To alter this setting, press **REVIEW UP**. There are 10 ringer cadences and each one will be played as you scroll through them. Press **MENU** to confirm selection.
10. When [*RINGER VOLUME*] appears, the default setting is 3. To alter the ringer volume, press **REVIEW UP.**   There are 4 ringer volume levels plus OFF. Each one will be played as you scroll through them. To turn the ringer off, select [OFF] in the Menu. Press **MENU** to confirm selection.
11. When [*RINGER SUPPRESS*] appears, use 1 to activate this feature or 2 to deactivate it. This feature will suppress the first ring so that caller ID can be delivered to the phone before ringing. Set this feature ON if you plan to assign any distinctive ring cadences.
12. When [*VOICEMAIL NUMBER*] appears, enter the voicemail number (maximum of 18 digits) using the keypad. To delete a number or digit, press **REVIEW DOWN**. After the desired number has been entered, press **MENU** to confirm selection.
13. When [*#3 SEC PAUSES*] appears, enter the desired number of pauses using the keypad. This controls how long the phone will wait after dialing the voicemail number before dialing the voicemail password. Press **MENU** to confirm selection.
14. When *[VM PASSWORD]* appears, enter the desired password using the keypad (maximum of 5 digits). To delete a number or digit, press **REVIEW DOWN**. Press **MENU** to confirm selection.
15. When *[HOLD MODE]* appears on the display, press **REVIEW UP** to select either NORMAL or PBX. In NORMAL mode, the HOLD button activates a local hold function. This can be released at any parallel phone. In PBX mode, the HOLD button dials a code which places a PBX line on hold. If you select PBX mode, see Step 20 to program the code.
16. When *[RELEASE MODE]* appears on the display, press **REVIEW UP** to select either NEWCALL or HANGUP. In NEWCALL mode, the RELEASE button provides a 1.5 second line break. This will ensure that the line is clear and a new call can be dialed. In HANGUP mode, the RELEASE button drops the line and a new connection is not made.
17. When *[SDT TIME]* appears on the display, use the key pad to change this value. This is the time that the phone will remain on hook before checking the line for stutter dial tone. The default value of 1700 is correct for almost all systems. Only change this value if directed by your message waiting provider.
18. When [*HIDE REDIAL NUMBER*] appears, use 1 to activate this feature or 2 to deactivate it. When this feature is activated, only the first 8 digits of a redialed number will be displayed. This can be used to protect the privacy of long distance codes or other access codes.
19. When [*ENABLE KEY TONE*] appears, use 1 to activate this feature or 2 to deactivate it. When this feature is activated, a tone will sound in the receiver or the speaker when a key other than the number keys are pressed.
20. If PBX Hold was selected, perform the following steps to store a code under the HOLD button.
    a.   Press SAVE
    b.   Press HOLD
    c.   Dial the code to be stored
    d.   Press SAVE

TELEPHONE FEATURES

DIALING

The 2730 is only capable of DTMF dialing. It is not capable of pulse dialing.

RECEIVING A PHONE CALL

1. When the phone rings, lift the handset or press **SPEAKER** to begin your conversation.
2. To change the Ringer Volume, refer to the "Factory Presets" section.

PLACING A PHONE CALL

1. Lift the handset or press the **SPEAKER** button and wait for a dial tone.
2. Dial the telephone number you wish to call. The number will appear on the display window.

PREDIAL

1. While the handset is on hook, enter the desired telephone number using the key pad. The number will appear in the display. To delete a digit or the entire number, press **REVIEW DOWN**.
2. To dial the displayed number, lift the handset, press **SPEAKER** or **DIAL**.

SPEAKER BUTTON

1. **Receiving Incoming Calls**
    a. When the phone rings, press and release **SPEAKER** and speak normally into the built-in microphone from a distance of 5-6 inches.
    b. You can adjust the volume of the caller's voice by by pressing the Volume Button on the base of the telephone.
    c. After the conversation has finished, press and release **SPEAKER** to hang up.

2. **Making A Call**
    a. Press and release **SPEAKER**.
    b. When you hear a dial tone, dial the number or press the auto memory button. The number will appear on the display window.
    c. When your party answers, adjust the volume of the conversation by pressing the Volume Button on the base of the telephone.
    d. After the conversation has finished, press and release **SPEAKER** to hang up.
    Note:
1. *If you wish to switch from speakerphone to handset, simply lift the handset.*
2. *If you wish to switch from handset to speakerphone, press and release **SPEAKER** and then hang up the handset.*

DURATION COUNTER

A built-in counter will start counting 6 seconds after you lift the handset or 6 seconds after you dial a telephone number.

MUTE BUTTON

Press **MUTE** to speak without the person on the phone hearing your conversation. The **MUTE** Indicator will light up and remain lighted until you resume your conversation. Also, "MIC MUTED" will show in the display. To resume the conversation, press **MUTE**. The **MUTE** indicator will go out and your call can continue.

AUTOMATIC MEMORY

Storing A Number

1. Press **SAVE**, [*SAVE TO?*] appears on the display window.
2. Press the desired memory location. (M1-M5 or SHIFT M1-M5)
3. [*ENTER NUMBER>*] appears on the display.
4. Enter the desired number using the keypad (maximum of 24 digits). Press **SAVE** to confirm.
5. [ENTER NAME>] will appear. Type the name (16 characters max.) using the keypad. Use **REVIEW UP** to add a space. Use **REVIEW DOWN** to delete a character. Press **SAVE** again.
6. [SET VIP RING] will appear. Use **REVIEW UP** and **REVIEW DOWN** to select the desired ring cadence. Press **SAVE** again.
7. [MEMORY STORING] will show briefly.

Dialing A Number

1. Press the desired memory location (M1-M5 or SHIFT M1-M5)
2. The number will be displayed.
3. To dial the number, lift the handset, press **SPEAKER** or press **DIAL**.

VOLUME BUTTON

A built-in amplifier feature allows you to change the listening volume in the receiver of the handset when speaking with your party. Press **VOLUME UP** or **VOLUME DOWN** to achieve different levels.   The volume remains the same between calls. It does not return to a nominal level.

REDIAL BUTTON

1. To redial one of the last 10 numbers dialed, press **REDIAL**. The display will show the last number dialed. To scroll through the last 10 numbers, press **REVIEW UP** or **REVIEW DOWN**. Note that if *HIDE REDIAL NUM* was selected during setup only the first 8 digits of the number will be displayed. The entire number will be dialed out when **REDIAL** is pressed.
2. After the desired number is selected, dial the number by pressing **REDIAL** again, lifting the handset, pressing **SPEAKER** or pressing **DIAL**.
3. The selected number (32 digits maximum) will be redialed.

PAUSE BUTTON

PAUSE allows you to insert a 3.6-second pause in the dialing sequence. This is particularly useful if you are connected to a PABX system where you must dial an access code (usually the number 9) to obtain an outside line.

1. Press **PAUSE** and release at any point in the dialing sequence where a pause is desired.
2. **PAUSE** can be pressed more than once to create a longer pause.

HOLD BUTTON

1. NORMAL MODE

  a. Press **HOLD** and hang up the handset. **HOLD** will light up and remain lighted until you resume your conversation.
  b. To resume your conversation, lift the handset or that of any extension phone on the same line or press and release **SPEAKER**. The HOLD indicator will go out and your call can continue.

2. PBX MODE

Press **HOLD.** The phone will dial out the code. Depending on the PBX, it may now be necessary to hang up the handset. Note that **HOLD** will not light in this mode.

FLASH BUTTON

This telephone provides a line break signal for accessing PABX service or for use of Call Waiting from your local telephone company. If you have Call Waiting service, you can use the Call Waiting function per the following instructions.

1. While having a conversation, another party calls and you hear a tone.
2. Press **FLASH** once and release. The first conversation is placed on hold and the second call can be answered.
3. Press **FLASH** again and release. You may speak to the first caller again and the second call is placed on hold.

HEADSET BUTTON

This telephone will accept either a 2.5 mm cell phone-style headset or an RJ type headset. Use **HEADSET** to connect and disconnect from calls.

DATA PORT

This is a connection which is in parallel with the telephone line. It allows the connection of a device such as a modem, caller ID, or an answering machine. This connection is located on the bottom of the phone and is marked DATA.

CONTRAST BUTTON

Contrast can be altered whether on hook or off hook by pressing **CONTRAST**. There are 3 contrast levels.

RELEASE BUTTON

To end a conversation, press **RELEASE** once. There are two modes for **RELEASE.**
1.   NEW CALL
In NEW CALL mode, the phone goes on-hook for 1.5 seconds and then goes off hook
again. This allows you to make another call.
2.   HANG-UP
In HANG UP mode, the phone does not come back off hook. This allows you to
program a RELEASE into a speed dial location.

VOICEMAIL BUTTON

Press **VOICEMAIL** to dial the voicemail access number and pin.   See *Unit Setup*
section for details.

DIRECTORY BUTTON

DIRECTORY is used to store the name and number of up to 99 of your most frequently
dialed contacts. The names are sorted alphabetically.

MESSAGE LIGHT

If you have voice mail service, the large indicator at the top of the display will flash red
to alert you that you have new messages.

The **MESSAGE** indicator also monitors the unit's situation. When the phone is in use,
the **MESSAGE** indicator will be on continuously.

MESSAGE WAITING

When using FSK or Stutter Dial Tone (SDT) Message Waiting, the **MESSAGE** indicator
will flash and [MESSAGE WAITING] will appear on the display for 20 seconds when a
message is received. When using PBX message waiting (90V or 24V), there is no
indication in the display, but the light will flash.

1.   FSK

The **MESSAGE** indicator will flash and [MESSAGE WAITING] will appear on the
display for 20 seconds when a message waiting signal is received from the Central
Office.

2.   SDT

This unit will check your line for a stutter dial tone every time you hang up or each time
a call goes unanswered. The **MESSAGE** indicator will flash if a stutter dial tone is
detected. There may be some delay in lighting the **MESSAGE** indicator. This delay is
due to regulatory matters and does not indicate a problem with the unit.

This unit may not be activated or deactivated under certain conditions. For example,
when you retrieve messages from an outside phone (not your own telephone number), the
MESSAGE indicator may not be canceled when you return home. If you experience this
situation, pick up the handset and hang up. The **MESSAGE** indicator will cancel.

RINGER

RINGER CADENCE

The 2730 has 10 different ringer cadences. This makes it easy to distinguish a particular ringing phone from a group of phones. It can also be used to identify specific callers when used in conjunction with Caller ID.

RINGER VOLUME

The ringer volume can be adjusted over 4 different levels plus OFF.

CALLER ID FEATURES

CALL WAITING DISPLAY

Call-waiting service alerts you to a new call by playing a tone while you are on a call. Call Waiting Caller ID not only tells you there is another call waiting, but lets you know who the caller is before the call is answered. The name and number of the incoming call will be shown on the unit's display. This infomation will remain displayed for 16 seconds. In addition to this, the CALL WAITING symbol (CW) will flash.

RECEIVING CALLS

1. When the telephone is not in use and a new call is received, the display will show the *NEW* symbol, the phone number, the caller's name, and the call time for about 4 minutes. The *REPEAT* symbol will appear if the call has come in more than once.
2. After about 4 minutes with no activity, the display will default to the Stand-By screen until another call is received or a button is pressed.

REVIEWING CALLS

1. When in Standby Mode, press **REVIEW UP** or **REVIEW DOWN** to see the stored calls. This unit stores up to 99 calls.
2. The *NEW* symbol will be removed from each call after it is reviewed.
3. The reviewed number can be stored into any of the auto memory buttons:
    a. With the number displayed, press **SAVE.**
    b. [SAVE TO ?] will appear. Press M1-M5 or SHIFT M1-M5. Press   **SAVE** again.
    c. The caller's name will appear. Press **SAVE** again.
    d. [SET VIP RING] will appear. Use **REVIEW UP** and **REVIEW DOWN** to select the desired ring cadence. Press **SAVE** again.
4. When the last record is reached, the display will show [-*END OF LIST*-].

DELETING CALLS

Individual call

1. Display the desired record by pressing **REVIEW UP** or **REVIEW DOWN**
2. Press **DELETE**. The display will show [DELETE? 1:YES 2:NO].
3. Press 1 to confirm the deletion.

All calls

1. Display the desired record by pressing **REVIEW UP** or **REVIEW DOWN**
2. Press and hold **DELETE** for more than 3 seconds. The display will show [*DELETE ALL 1:YES 2:NO*].
3. Press 1 to confirm the deletion.

CALLBACK

When reviewing received calls, there are two ways to dial the telephone numbers shown on the display by pressing **DIAL**.

1. If you have reviewed the calls with the telephone handset on hook, press **DIAL**. The HANDSET symbol in the display will come on, and the number you have selected will be dialed automatically via the speakerphone.
2. If you have already picked up the handset or activated the speakerphone, you may select the number to be dialed by reviewing the stored calls. After locating the desired number, press **DIAL**. The displayed number will be dialed automatically.

5-7-10-11 BUTTON

5-7-10-11 allows you to change the format of the displayed number. These are the available formats:

5-digit	Last 5 digits of the telephone number.
7-digit	7-digit telephone number.
10-digit	3-digit area code + 7-digit telephone number.
11-digit	long distance code 1 + 3-digit area code + 7digit telephone number.

When a call is received, its 10-digit number is displayed.
• Press **5-7-10-11** to change to a 5 digit number.
• Press **5-7-10-11** again to change to a 7 digit number.
• Press **5-7-10-11** a third time to change to a 10 digit number.
• Press **5-7-10-11** a fourth time to add the LDS code to the number (1+ 3-digit area code + 7-digit telephone number) and display 11 digits.

When the desired format of the telephone number is reached, press **DIAL** to dial the displayed number.

MESSAGE ERROR

The display shows [*-MESSAGE ERROR-*]*"* if the telephone receives a call that has an error in the transmission or reception.

NO DATA SENT

The display shows [*-NO DATA SENT-*] if there is no caller ID (CID) number sent from the telephone company.

PRIVATE CALLS

• If the caller has blocked his number from being sent, [*PRIVATE NUMBER*] and his name will alternately display on the screen.
• If the caller has blocked his name from being sent, [*PRIVATE NAME*] and his telephone number will be displayed on the screen.
• If the caller has blocked both his name and number from being sent, [*PRIVATE CALLER*] will be displayed on the screen.

UNKNOWN CALLS

• When the telephone company is unable to provide the caller's telephone number, [*UNKNOWN NUMBER*] and his name will alternately display on the screen.

- When the telephone company is unable to provide the caller's name, [*UNKNOWN NAME*] and his telephone number will be displayed on the screen.
- When the telephone company is unable to provide the caller's name and number, [*UNKNOWN CALLER*] will be displayed on the screen.

STORING A NUMBER FROM CALLER ID

To store a number from Caller ID to a memory dial location follow these steps:

1. Press **REVIEW UP** or **REVIEW DOWN** until the desired number is displayed.
2. Press **5-7-10-11** until the number is in the correct format.
3. Press **SAVE**, [*SAVE TO?*] appears on the display window.
4. Press the desired memory location. (M1-M5 or SHIFT M1-M5)
5. Press **SAVE** to confirm.
6. [ENTER NAME>] will appear. The name delivered with Caller ID will appear. Press **SAVE** to accept this name.
   Use **REVIEW DOWN** to delete characters to type another name. Type the name (16 characters max.) using the keypad. Use **REVIEW UP** to add a space. Press **SAVE** again.
7. [SET VIP RING] will appear. Use **REVIEW UP** and **REVIEW DOWN** to select the desired ring cadence. Press **SAVE** again.
8. [MEMORY STORING] will show briefly.

USING THE DIRECTORY

This unit can store the numbers of up to 99 contacts in the directory. Names are sorted alphabetically starting with the first character. (To sort the Directory by the last name, enter the last name first.)

STORING ENTRIES

Press **SAVE** to store a number in the Directory. After pressing **SAVE**, the display will show [Save To?]. Press **DIRECTORY**. [Enter Number>] will appear in the display. Enter the desired number using the keypad. (max 24 digits). Press **SAVE** to confirm. [Enter Name] will appear. Type the name using the keypad. Press **SAVE** again to confirm all settings. [Number Stored] will show briefly.

Note: For Example, if A is the desired letter, press the #2 button once and A will appear on the display. If B is the desired letter, press the #2 button twice and B will appear on the display. Pressing the #2 button three times will select the letter C. If an incorrect letter is accidentally selected, press the down review arrow and start over. All letters are upper case. To enter a space when storing a name or number, press the up review arrow. Use the "#" key to edit entries.

FINDING ITEMS

Press **DIRECTORY** to enter the Directory Review Mode. The first entry in the Directory is displayed. The Down and Up Review Arrows may be used to scroll through the directory. To leave the directory at any time, press **DIRECTORY**.
To search for a directory entry, press **DIRECTORY**. Then, using the keypad, type the desired name.

DIALING DIRECTORY NUMBERS

Find the number you want to dial in the Directory List. (Telephone can be on or off hook) When the number shows on the display, press **DIAL** to start dialing.

DELETING ITEMS

Deleting Individual Entries

Enter the directory and select the individual entry. To delete an individual entry, press **DELETE** once and then press 1 to confirm or 2 to cancel. The display will be erased and the remaining items will be re-sorted.

Deleting All Entries

Enter the directory. To delete all entries, press and hold **DELETE** button. [DELETE ALL] will appear in the display, select (1) for YES or (2) for NO. [NO RECORDS] appears in the display confirming there are no directory entries in memory.

TELEPHONE SERVICE PROBLEMS

If you have any problems with your telephone service, determine if the problem is with your unit or the telephone company lines BEFORE CALLING THE TELEPHONE COMPANY. Be aware that the telephone company may charge you for a service call if the problem is caused by your telephone. Some common problems and suggested solutions are listed below.

PHONE DOES NOT RING

1. Line cord is disconnected at telephone outlet or at telephone.
2. Phone is **OFF HOOK**. Make certain the hookswitch is depressed when the handset is in the cradle.
3. **SPEAKERPHONE** indicator is on. Turn off speakerphone.

NO DIAL TONE

Wire is disconnected at telephone or at wall jack. Test the telephone in a different wall jack. If it works, the first jack may be defective.

REDIAL BUTTON DOES NOT FUNCTION

The telephone may have been momentarily disconnected from the telephone jack.

BLANK SCREEN

1. Check if the telephone line cord is connected properly.
2. Press the Contrast button to see if contrast level is set correctly.

CALLERS ARE NOT DISPLAYED ON THE SCREEN

1. Verify that you have subscribed to the appropriate service (Caller ID and Call Waiting Caller ID) from your telephone company. If you only subscribed to Caller ID service the unit will not display call waiting caller ID information.
2. Check if your answering machine is set to answer before 2 rings.

NO CALLER INFORMATION IS DISPLAYED WHEN HEARING THE CALL WAITING BEEP

Verify that you have subscribed to Call Waiting Caller ID service from your telephone company.

MESSAGE ERROR HAPPENS FREQUENTLY

Caller information was not transmitted properly. Check with your telephone company to see if there is a problem with your phone line.
Since our special design will retain your stored call records, we encourage you to disconnect all the telephone cords and then reinstall the unit step by step per this instruction manual before asking for service.

MAINTENANCE INFORMATION

Treat your telephone equipment with care for trouble-free performance. Avoid dropping the handset. Carefully place the handset on-hook after use.

Avoid putting near heating appliances and devices that generate electrical noise (for example, motors and florescent lamps).

Clean your telephone equipment with a damp cloth. Stains may be removed with a mild soap. Do not use liquid or aerosol detergents or cleaning agents.

Do not expose to direct sunlight or moisture

Retain the original package in case you need to ship it at a later date.

TELEPHONE REPAIR

DO NOT ATTEMPT TO REPAIR THIS PRODUCT YOURSELF. Telephones manufactured by CORTELCO must be returned to us for repair.

You can return your telephone to CORTELCO for repair or replacement in accordance with our LIMITED WARRANTY.

CORTELCO warrants **THIS PRODUCT** against defects in material and workmanship in accordance with our LIMITED WARRANTY. If your telephone is returned for repair, include a copy of your sales receipt containing the date-of-purchase. DO NOT INCLUDE THE ORIGINAL SALES RECEIPT.

If date-of-purchase is not included, the factory date printed on the label on the bottom of your telephone   will be used as the date-of-purchase. The factory date allows six months for distribution and sale of this product.

If you return your telephone for repair, the warranty period is not extended. The original date-of-purchase continues to apply to your warranty.

OUT-OF-WARRANTY REPAIR We will repair this product for a nominal fee after the LIMITED WARRANTY has expired if you send it to us in a complete and undamaged condition. The repaired unit will be shipped to you C.O.D., freight collect.

RETURN-FOR-REPAIR PACKAGING If you are returning a unit to us for repair, package it carefully, preferably in the original carton. Be sure to include your return address, a copy of the sales receipt showing date-of-purchase, and a note describing the problem you have with your Telephone. Shipping must be prepaid. If the telephone is in warranty, it will be repaired or replaced, at our option, at no cost to you, and it will be returned shipping prepaid.

Ship your telephone (shipping prepaid) to:

<div align="center">

CORTELCO
REPAIR CENTER
1703 SAWYER ROAD
CORINTH, MS 38834

</div>

FCC INFORMATION

Part 68 is a Federal regulation which requires equipment to be tested and registered with the FCC prior to its connection to the network. This equipment complies with Part 68 of FCC rules. On the bottom of the telephone is a label that contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The **Ringer Equivalence Number(REN)**, which is used to determine the number of devices you may connect to your phone line, indicates the amount of power that your telephone draws from the telephone company line during ringing. If you have more than one telephone (or other terminal device) connected to the telephone company line, you should total the RENs, and be sure that the total is not more than five. Your telephones may not ring if the total is more than five. Also, in some rural locations, your telephone may not ring if the REN total is more than three.

RESTRICTIONS You must not connect your telephone to coin-operated lines or party lines.

INSTALLATION This model telephone must be connected to the telephone company lines through a modular jack. The required USOC for the modular jack is RJ11C for desk mounting and RJ11W for wall mounting. The USOC number is printed on the label on the bottom of your telephone.

HEARING-AID COMPATIBILITY The handset on your telephone will work with magnetically-coupled hearing aids. You can use a hearing aid equipped with a T (Telephone) switch.

IN CASE OF TROUBLE If your telephone should cause problems on the telephone line, the telephone company can temporarily disconnect your service. The telephone company must then notify and allow you to correct the problem.

The telephone company may from time to time change its lines or equipment. They must notify you if planned changes will affect your telephone service, to allow you to take steps to prevent interruptions.

This telephone complies with Part 15 of the FCC Rules. In the unlikely event that interference occurs, move the telephone and/or radio, television, etc. to increase the separation distance.

LIMITED WARRANTY

If you purchased this product new in the U.S. or Puerto Rico, **CORTELCO** warrants it against defects in material and workmanship for a period of two (2) years from the date of original purchase. This warranty is in lieu of all other express warranties. During the warranty period, **CORTELCO** agrees to repair or, at its option, replace the defective product, or any part of it without charge for parts or labor. This is your exclusive remedy. This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, the affixing of any attachment not provided by **CORTELCO** with the product and loss of parts. The warranty is voided in the event any unauthorized person alters or repairs the unit.

Telephone companies use different types of equipment and offer various types of services to customers. **CORTELCO does not warrant that this product is compatible with the type of equipment of any particular phone company or the services provided by it**.

CORTELCO DISCLAIMS ANY IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AS OF THE DATE TWO YEARS FROM THE ORIGINAL PURCHASE OF THE PRODUCT. **CORTELCO** ASSUMES NO RESPONSIBILITY FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

If failure occurs and your telephone is in warranty, service shall be provided by returning it to **CORTELCO - Repair Center, 1703 Sawyer Road, Corinth, Mississippi 38834, shipping prepaid**. The product will be repaired or replaced if examination by us determines the product to be defective. Telephones received damaged as a result of shipping will require you to file a claim with the carrier.