

users guide



MILLENNIUM 2505C/2510C

TELEDEX

MILLENNIUM 2505C/2510C TELEPHONE DIAGRAM

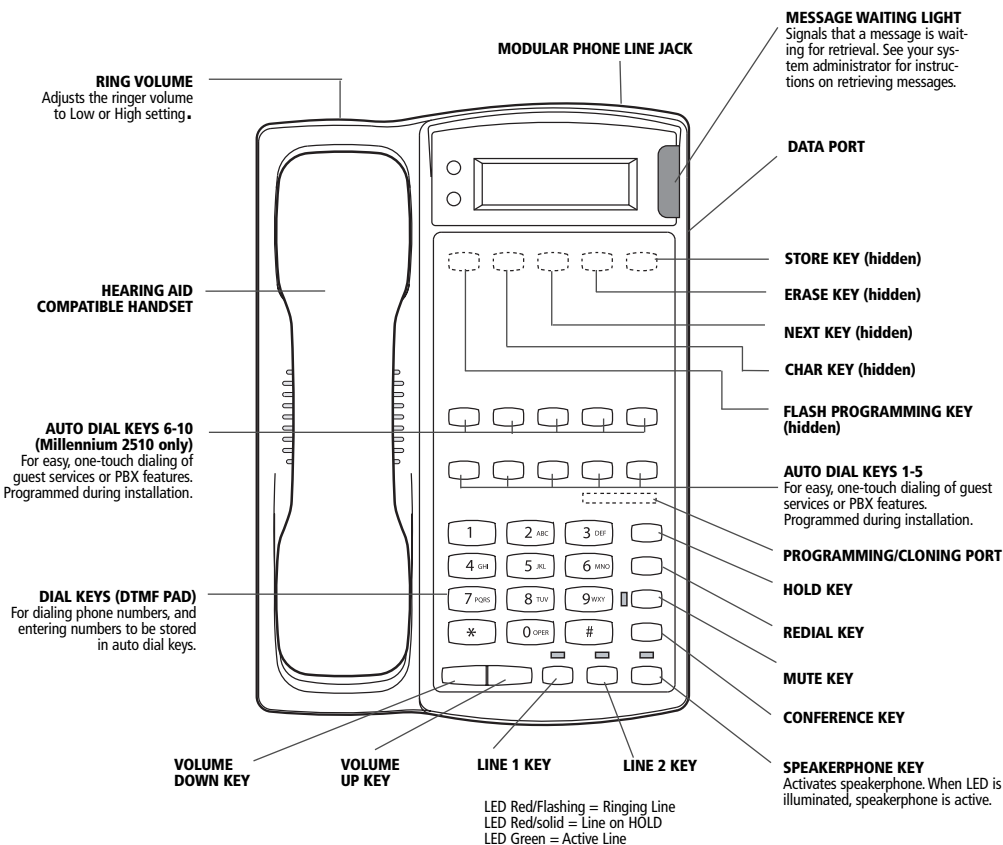


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CONGRATULATIONS, AND THANK YOU!

Congratulations on your purchase of this high quality Teledex Millennium Series telephone. Teledex is the world's leading hospitality telephone supplier, and backs this telephone with our exclusive limited lifetime warranty. If you have any questions about this telephone or the warranty, please contact us via one of the methods below. We appreciate your purchase!

CONTACTING TELEDEx

Telephone: (408) 363-3100
 Internet: www.teledex.com
 email: sales@teledex.com

Address: 6311 San Ignacio Avenue
 San Jose, CA USA
 95119

INCLUDED IN YOUR PACKAGE

- Handset
- Clear Plastic Overlay
- AC Adapter for LCD Display Function
- Base Unit
- Coiled Handset Cord
- User Guide
- Two (2) Line Cords

CONNECTING THE MILLENNIUM TELEPHONE

- 1) Located on the left side of the Millennium (as the phone is facing you) is a modular jack labeled TO HANDSET. Insert one end of the coiled handset cord into this jack (you should hear the coil cord click when properly inserted).
- 2) Insert the other end of the coiled handset cord into the modular jack on the handset.
- 3) Turn the telephone so the back panel is facing you. Insert either end of a line cord into the jack on the back of the telephone labeled **LINE**.
- 4) Insert the other end of the line cord into the jack on the AC adapter labeled TEL SET. If display functions are not being used, insert this end of the cord into a telephone wall outlet jack and proceed to step 8.
- 5) Insert one end of the other line cord into the jack on the AC adapter labeled LINE.
- 6) Insert the other end of this line cord into a telephone wall outlet jack.
- 7) Plug the AC adapter into an available, unswitched electrical wall outlet. The Millennium's backlit LCD should now display the start-up messages.
- 8) Once your telephone is connected, remove the plastic overlay and place the paper faceplate over the keys. Replace the plastic overlay by hooking the tabs on the overlay into the recessed slots located on both sides. The overlay is easiest to insert when; the left or right side tabs are inserted first, and the middle of the overlay is slightly bowed to allow for insertion of the other tabs.

LINE POWERED TELEPHONE FUNCTIONS

The Millennium telephone will function effectively in situations where AC power is interrupted or is not available. AC powered Display Functions are described in MILLENNIUM DISPLAY FUNCTIONS on page 6.

The following features only require connection to an active telephone line(s).

SELECTING LINE 1 AND LINE 2

The Millennium's MPCTM technology makes selecting the correct line as easy as lifting the handset. MPC technology prioritizes the ringing or idle line and reduces the confusion of manually having to select a line.

PLACING A CALL

USING THE HANDSET

- 1) Lift the handset. The Millennium will select the appropriate "idle" line.
- 2) Listen for dial tone. Dial the desired number, or press a GUEST SERVICE AUTO DIAL key to automatically dial a pre-programmed number.
- 3) To end the call, hang up by placing the handset back in the cradle.

USING THE SPEAKERPHONE

- 1) With the handset in the cradle, press the LINE 1 or LINE 2 keys. The Millennium will go off hook on the selected line with speakerphone active.
OR

Press the SPEAKER key. The Millennium will select the appropriate "idle" line.

NOTE: The red SPEAKER LED will indicate that the speakerphone is active.

- 2) Listen for dial tone. Dial the desired number, or press a GUEST SERVICE AUTO DIAL key to automatically dial a pre-programmed number.
- 3) To end call the call press the SPEAKER key again.

RECEIVING A CALL

An audible ring and a flickering red LED indicate an inbound call.

USING THE HANDSET

- 1) Lift the handset. The Millennium will select the ringing line.
- 2) To end the call hang up the handset.

USING THE SPEAKERPHONE

- 1) With the handset in the cradle, press the line key associated with the ringing line. The Millennium will go off hook answering the ringing line with the speakerphone active.
OR
- 2) Press the SPEAKER key. The Millennium will select the ringing line and answer with the speakerphone active.

Note: The red SPEAKER LED will indicate that the speakerphone is active.

CONFERENCE CALLS

The CONFERENCE key allows the user to originate or to include two parties in a three-way phone conversation. Typical conference calls would be initiated by;

- User initiates two (2) calls
- User initiates one (1) call after receiving a call
- User includes two (2) callers

USER INITIATES TWO (2) CALLS:

- 1) Place call to first party.
- 2) Place the first party on hold by pressing the HOLD key.
- 3) Place call to second party using the available, unused line.
- 4) Press the CONF key. The parties will be connected.

The LCD will display:



USER INITIATES ONE (1) CALL:

- 1) Receive call from first party.
- 2) Place caller on hold by pressing the HOLD key.
- 3) Place call to second party using the available, unused line.

- 4) Press the CONF key. The parties will be connected and the display will change as indicated above.

USER INCLUDES TWO (2) CALLERS:

- 1) Receive call from first party.
- 2) Place caller on hold by pressing the HOLD key.
- 3) Receive call from second party.
- 4) Press the CONF key. The parties will be connected and the display will change as indicated above.

ADJUSTING THE HANDSET VOLUME

The HANDSET VOLUME function has eight (8) levels. When the handset is first lifted, the handset volume is set at Level One (1).

Locate the VOLUME keys, labeled “-” and “+” at the bottom of the phone. Pressing the “-” key decreases the volume level while pressing the “+” key will increase it. Returning the handset to the cradle for over two seconds will reset the volume to Level One (1). If the handset is in the cradle for less than two seconds, the handset volume will not be reset and be set at the last used volume level.

ADJUSTING SPEAKERPHONE VOLUME

The SPEAKERPHONE also has eight (8) levels. When the speakerphone is activated, the volume is set at Level Four (4).

Locate the VOLUME keys, labeled “-” and “+” at the bottom of the phone. Pressing the “-” key decreases the volume level while pressing the “+” key will increase it. Disconnecting the call for over two seconds will reset the volume to Level Four (4). If the speakerphone is off for less than two seconds, the volume will not be reset and be set at the last used volume level.

TO MUTE SPEAKERPHONE AND HANDSET CALLS

- 1) Press the MUTE key, the red LED below the MUTE key will light. The party on the other end will not hear you when the MUTE key is depressed.
 - 2) Press the MUTE key again to turn off the mute feature, the MUTE LED will go out.
- When the MUTE key is used during a conference call, both parties on the other end will not be able to hear you.

ADJUSTING THE RING VOLUME

Locate the respective “Line Ringing Volume” adjustment control on the back of the telephone labeled RINGER LOW/HI (see diagram on page 9). Slide the switch to the desired LOW or HI ring volume for each line.

SPEAKERPHONE TIPS

TO ACTIVATE THE HANDSET FROM SPEAKERPHONE MODE:

- 1) Lift the handset from the cradle.
- 2) The red SPEAKER LED will go out.

TO ACTIVATE THE SPEAKERPHONE FROM HANDSET MODE:

- 1) Press the SPEAKER key.

- 2) The red SPEAKER LED will indicate speakerphone selection.
- 3) Place the handset back into the cradle.

USING THE HOLD KEY

The HOLD key places the call on hold locally at the Millennium telephone.

TO PLACE A CALL ON HOLD

- 1) With a call active press the red HOLD key.
- 2) The red line LED will change to a slow blink indicating the call is on hold.

TO REMOVE A CALL FROM HOLD

- 1) Press the line key of the call on hold. This will remove the call from hold making the call activate on either speakerphone or handset.
- 2) The red line LED will return to steady in-use condition.

TO CHANGE PHONES AFTER PLACING A CALL ON HOLD

- 1) Place the call on hold at the Millennium.
- 2) Pickup the call at another telephone. The Millennium will detect the pickup and remove the hold condition at the original Millennium.

REDIAL

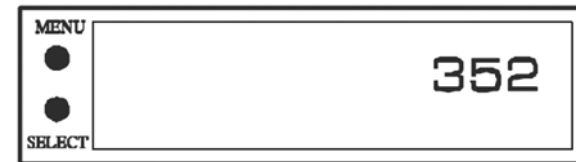
TO REDIAL THE LAST TELEPHONE NUMBER DIALED:

- 1) Lift the handset from the cradle, or press the SPEAKERPHONE key.
- 2) Press the REDIAL key.

GUEST SERVICE AUTO DIAL KEYS

The Millennium has ten (10) programmable AUTO DIAL keys. These keys can be programmed to automatically dial telephone numbers, or activate telephone system features.

When a GUEST SERVICE AUTO DIAL key is pressed, the programmed number will be displayed. For example, if the AUTO DIAL key is programmed to dial extension 352, the Millennium will display:



If extension 352 is programmed in the Express Service Select function with the label HOUSEKEEPING, the Millennium will display:



MILLENNIUM DISPLAY FUNCTIONS

The Millennium LCD display is a 3 line backlit LCD that can provide the guest with valuable information about available services and amenities.

WELCOME MESSAGE

The Millennium can display up to three different welcome messages, in groups of 15 characters, when the phone is not in use. The messages can be displayed in a number of formats and combinations.

BILLBOARD SCROLL

The first letter on the message will appear on the right side of the LCD. Each subsequent character will be displayed, one at a time, on the right of the LCD moving the previous character left one space.



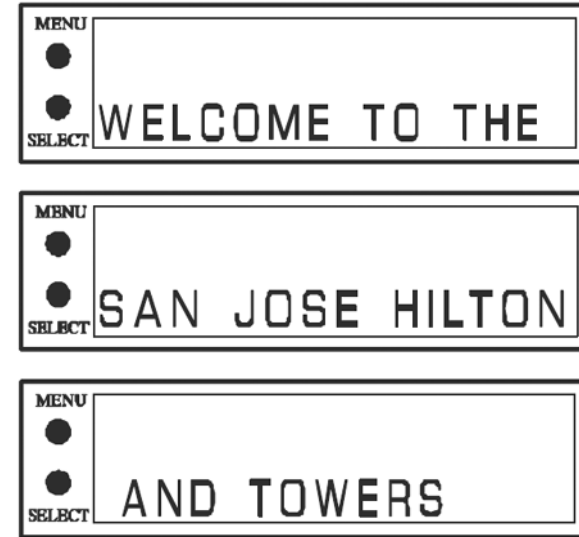
Once all fifteen (15) display spaces are filled, the first character displayed, on the extreme left of the LCD, will drop off the display. This continues until the entire message is displayed or the maximum message length of 45 characters is completed.

At that time, the Millennium can repeat the message or begin to display the next 45 character message.

COMPLETE 15 CHARACTER BLOCK REPLACEMENT

This method of displaying the Welcome Message places the first 15 characters of the message on the LCD and then replaces them with the next 15. This continues until the entire message is displayed or the maximum message length of 45 characters is completed.

At that time, the Millennium can repeat the message or begin to display the next 45 character message.



TIME INTERVAL REPLACEMENT

The Millennium can switch from one pre-programmed message to another based on a set time interval. You can select to have messages switched every 6, 12 or 24 hours.

This function allows the hotel to provide a new, fresh message to the guest on a periodic basis. Although the messages will be changed on a periodic basis, it is important to refrain from using time interval specific messages.

It is important to note that if TIME INTERVAL REPLACEMENT is activated and the line cord to the Millennium is disconnected, causing the Millennium to lose power, the internal timer will reset to zero. Once power is restored the timer will restart and WELCOME MESSAGE #1 will be displayed.

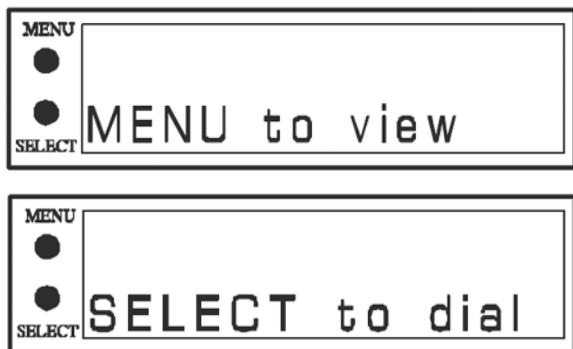
See PROGRAMMING THE MILLENNIUM on page 10 for information on how these messages are stored and the display options are selected.

EXPRESS SERVICE SELECT

The Millennium's EXPRESS SERVICE SELECT function is a name and number electronic phone book. Entries can be up to 15 numbers to be dialed with a 15 character description.

When a guest presses the MENU key, instructions will be displayed on the LCD.





Continue pressing MENU to go through each programmed selection. When the guest locates the service they want to call, pressing SELECT will activate the speakerphone and dial the selected service.

The EXPRESS SERVICE SELECT information is stored in nonvolatile memory and will not be erased or lost when AC and/or line power is interrupted.

See PROGRAMMING THE MILLENNIUM on page 15 for information on how to store EXPRESS SERVICE SELECT information.

LCD BACKLIGHTING

When the Millennium telephone is in use, or there is an incoming call, the LCD display will light up for ease of use. The LCD's backlight is illuminated when the MENU key is pressed, outbound call is initiated, or when the phone is ringing.

After a specified period of time, between 10 and 80 seconds in increments of 10 seconds, the backlight will go off. The WELCOME MESSAGE will continue to be displayed and can be read by the guest. You can also choose to have the backlight permanently on or off. The factory default is set for 30 seconds.

See PROGRAMMING THE MILLENNIUM on page 16 for information on how to set the backlight information.

PROGRAMMING THE MILLENNIUM

The Millennium Display Features can be programmed in a number of different methods. They are:

Computer Assisted Telephone Programming - This process can be used to program all the features of the telephone, including the Display Features as well as the Guest Service/Auto Dial buttons. An IBM compatible computer, Windows 95 (or higher) operating system and Teledex provided Programming Interface, cables, and software are required. Please contact your distributor or Teledex for more information.

Computer Assisted Display Feature Programming - This process is used to program the Display Features of the Millennium only. An IBM compatible computer, Windows 95 (or higher) operating system and Teledex provided cables and software are required. Please contact your distributor or Teledex for more information.

Display Feature Cloning - This process is used to copy the Display Features of the Millennium from one phone to another. A Teledex provided cable is required. Please contact your distributor or Teledex for more information.

Manual Programming - This process does not require any additional hardware or software and can be used to program all the features of the Millennium Display Telephone. The process is described below.

MANUAL PROGRAMMING

PROGRAMMING GUEST SERVICE / AUTO DIAL KEYS

The Millennium has up to ten (10) programmable GUEST SERVICE keys. These keys can be programmed to automatically dial telephone numbers, or activate telephone system features.

- 1) Connect the Millennium to a live telephone line.
- 2) Lift the handset from the cradle or press the SPEAKERPHONE key.
- 3) Press the recessed STORE key and release it. (Please see diagram for key location).
- 4) Enter the telephone number as required. The sequence can be up to 15 digits.
- 5) Press the AUTO DIAL key where the number is to be stored.
- 6) Place the handset back in the cradle or press the SPEAKERPHONE key to disconnect.

PROGRAMMING HOTEL MESSAGES

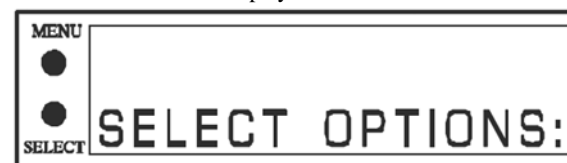
The Millennium has the ability to display up to three (3) Hotel Messages. These messages can be up to 45 characters in length.

To program these messages:

- 1) Power off the Millennium by unplugging the line cord from the back of the phone.
- 2) Press and hold the SELECT button next to the LCD display.
- 3) Restore power to the Millennium by reinserting the line cord into the phone.
- 4) Continue pressing the SELECT button until the LCD displays:



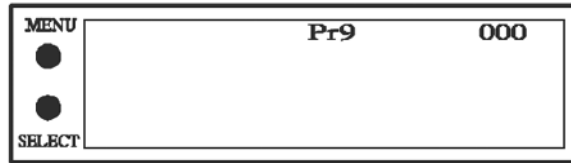
- 5) Press MENU twice. The LCD will display:



- 6) Press MENU again and the LCD will display:



- 7) Press SELECT. The LCD will display the currently programmed 1st Idle Hotel Message. If it has not yet been programmed the LCD will display:



Directly below the LCD, under the faceplate and hard plastic overlay are three keys, CHAR, NEXT and ERASE, used to program characters into the display memory. See diagram for their exact locations.

- 8) Press the CHAR button to choose the first character location. Continue pressing CHAR to change the character. Press the ERASE key to erase the character and start again. If ERASE is pressed right after NEXT was pressed, the cursor will backup one space and erase the previously selected character.

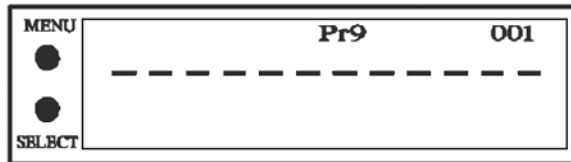
Note: The 1st location will be a blank <space> location. See Appendix B for the complete character set.

- 9) Press the NEXT button to accept the displayed character. The cursor will move to the next location. Repeat steps 8 and 9 to add more characters to the message. When the first fifteen (15) characters have been selected, they will be replaced by the next fifteen blank spaces.
- 10) When you have finished choosing all the characters for the first Hotel Message press SELECT to save the message. The Millennium will also automatically save the message when 45 characters have been selected. The LCD will display:



and increment to the next location.

The LCD will change to:

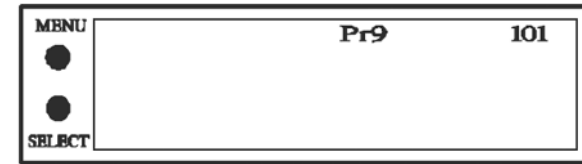


or display the first Express Service Select phone number and name.

To begin storing Express Service Select entries, see PROGRAMMING EXPRESS SERVICE SELECT below.

To continue entering the next Hotel Message, Press the SELECT button 3 times until the

LCD displays:



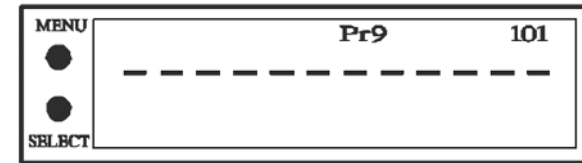
- 11) Continue with steps 9 and 10 until the remaining two Hotel Messages are saved. If no additional message and no Express ServiceSelect entries are to be programmed at this time, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

PROGRAMMING EXPRESS SERVICE SELECT

The Millennium has the ability to display up to 100 phone numbers/extensions and names in the Express Service Select electronic phone book. Each phone number can be up to 15 digits and each name can be up to 15 characters.

These phone numbers are in addition to the ten GUEST SERVICE KEYS, but it is recommended that the Guest Service Key amenities also be entered into this electronic phone book.

- 1) If you have just completed programming Hotel Messages and the LCD display is showing:



skip to step 9.

If the Millennium is in normal operating mode, power off the Millennium by unplugging the line cord from the back of the phone.

- 2) Press and hold the SELECT button next to the LCD display.
- 3) Restore power to the Millennium by reinserting the line cord.
- 4) Continue pressing the SELECT button until the LCD displays:



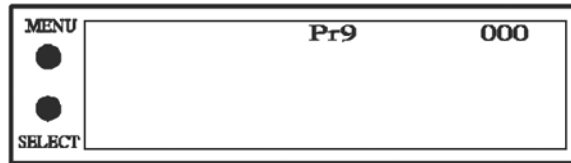
- 5) Press MENU twice. The LCD will display:



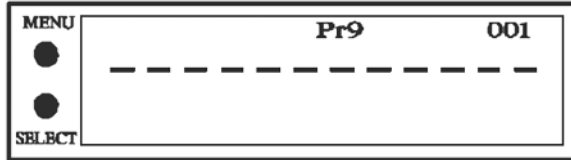
6) Press MENU again and the LCD will display:



7) Press SELECT. The LCD will display the currently programmed Hotel Message #1. If it has not yet been programmed the LCD will display:



8) Press MENU and the LCD will display the first programmed Express Service Select record or the following if the record is empty:

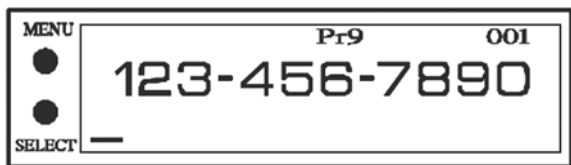


9) Press the CHAR button to choose the numeric character location. Continue pressing CHAR to change the character.

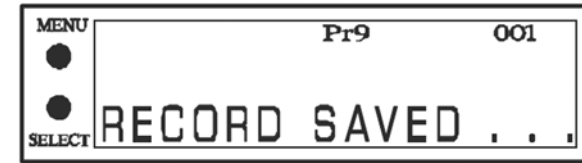
Press the ERASE key to erase the character and start again. If ERASE is pressed immediately after NEXT was pressed, the cursor will backup one space and erase the chosen character. Note: The 1st location will be a blank <space> location.

10) Press the NEXT button to accept the displayed character. The cursor will move to the next location. Dashes will automatically be displayed after the first three numbers and after the second three numbers. Repeat steps 9 and 10 to add more characters to the message. When the first ten (10) characters have been selected, they will be replaced by the next six (6) blank spaces.

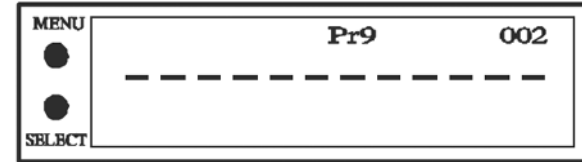
11) When you have finished choosing all the characters for the first Express Service Select Record, press SELECT to save the number. The Millennium will also automatically save the message when 15 numbers have been selected. The cursor will then move to the first character location for the phone number:



12) Repeat steps 9 and 10 to add characters to the message. When you have finished choosing all the characters for the first Hotel Message press SELECT to save the message. The Millennium will also automatically save the message when 15 characters have been selected. The LCD will display:



and increment to the next location. The LCD will change to:



13) Continue with steps 9, 10, and 11 to store additional Express Service Select records. If no additional records are to be entered, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

PROGRAMMING THE HOTEL MESSAGE(S) TO BE DISPLAYED

The Millennium can be programmed to present the Hotel Messages in a variety of different combinations. See MILLENNIUM DISPLAY FUNCTIONS on page 6 for a complete description of the various options.

To set the Hotel Message(s) to be displayed:

- 1) Power off the Millennium by unplugging the line cord from the back of the phone.
- 2) Press and hold the SELECT button next to the LCD display.
- 3) Restore power to the Millennium by reinserting the line cord.
- 4) Continue pressing the SELECT button until the LCD displays:



5) Release the SELECT key and press MENU six (6) times. The LCD will display:



6) Press SELECT. The LCD will display the current selection. The default being SHOW HOTEL MSG1.

Next the display will change to show the 1st option:



- 7) Press MENU to review the available options. They are:
- SHOW HOTEL MSG1 - This option will display the 1st message ONLY.
 - SHOW HOTEL MSG2 - This option will display the 2nd message ONLY.
 - SHOW HOTEL MSG3 - This option will display the 3rd message ONLY.
 - SHOW CONTINUOUS - This option will display each message one after another.
 - SHOW EVERY 06HR - This option displays Hotel Message #1 and then “updates” the displayed message to Hotel Message #2 after a 6 hour period. Hotel Message #3 will be displayed after another 6 hours, cycling back to Hotel Message #1 after an incremental 6 hours.
 - SHOW EVERY 12HR - This option like above “updates” the display every 12 hrs.
 - SHOW EVERY 24HR - This option like above “updates” the display every 24 hrs.

8) Choose the desired option and press SELECT. The LCD will display:



9) If no additional programming is required at this time, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

PROGRAMMING THE MESSAGE DISPLAY FORMAT

The Hotel Messages can be displayed in 1 of 2 formats.

Non-interlaced - Provides a Billboard Scroll format shifting characters to the left one at a time through the complete message. This is the factory default setting.

Interlaced - Replaces the entire 15 character display at all at once.

To select a format from the following screen:



1) Press the MENU button 9 times. The LCD will display:



2) Press the SELECT button. The LCD will display the current setting, then switch to:



- 3) Press the MENU button to toggle between Disabling and Enabling the INTERLACE mode. If INTERLACE is DISABLED, the Hotel Message will be displayed in the Billboard Scroll method. If INTERLACE is ENABLED, the Hotel Message will be displayed fifteen (15) characters at a time.
- 4) When the desired mode is displayed, press SELECT to set. The Display will change back to:



5) If no additional programming is required at this time, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

PROGRAMMING THE BACKLIGHTING

The Millennium LCD display can be programmed to turn off after a specified period of time, in increments of 10 seconds, to stay on continuously, or not to go on at all. The default setting is 30 seconds. To change this setting:

1) From the above screen, press the MENU button 6 times until the LCD displays:



2) Press the SELECT button. The LCD will display the current setting, then switch to the 1st option:



- 3) Press MENU until the desired scroll time is displayed.
- 4) When the desired option is displayed, press SELECT to set. The LCD will display:



- 5) If no additional programming is required at this time, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

PROGRAMMING THE SCROLL RATE

The scroll rate is the speed in which the characters are replaced on the LCD display. When the Hotel Message is set for Billboard Scroll (INTERLACE DISABLED), this is the rate in which each new letter is introduced on the LCD. The factory default is 500 milliseconds (1/2 second). This rate can be changed to every 300 ms up to 900 ms, in increments of 100 ms. To change this rate.

- 1) From the above screen, press the MENU button 8 times until the LCD displays:



- 2) Press the SELECT button. The LCD will display the current setting, then switch to the 1st option:



- 3) Press MENU until the desired scroll time is displayed.
- 4) When the desired option is displayed, press SELECT to set. The LCD will display:



- 5) If no additional programming is required at this time, remove and replace the line cord from the back of the Millennium to reset the phone for normal operation.

SAMPLE GUEST INSTRUCTIONS

PLACING A CALL

USING THE HANDSET

- 1) Lift the handset.
- 2) Listen for dial tone. Dial the desired number, or press a GUEST SERVICE AUTO DIAL key to automatically dial a service.
- 3) To end the call, hang up by placing the handset back in the cradle.

USING THE SPEAKERPHONE

- 1) With the handset in the cradle, press the LINE 1 or LINE 2 keys. The telephone will go off hook on the selected line with speakerphone active.
OR
Press the SPEAKER key. The telephone will select an available line.
- 2) Listen for dial tone, dial the desired number, or press a GUEST SERVICE AUTO DIAL Key to automatically dial a number.
- 3) To end call the call press the SPEAKER key again.

USING THE CONFERENCE KEY

The CONFERENCE key allows you to originate or to include two parties in a three-way phone conversation.

- 1) Place the first party on hold by pressing the HOLD key.
- 2) Place call to second party using the available, unused line.
- 3) Press the CONF key. The parties will be connected.

The LCD will display:



ADJUSTING THE VOLUME

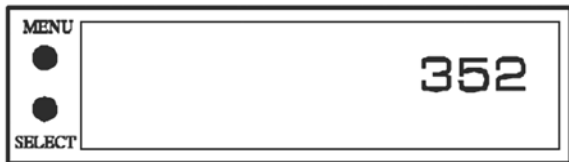
The VOLUME function has eight (8) levels. When the handset is first lifted, the handset volume is set at Level One (1).

Locate the VOLUME keys, labeled “-” and “+” at the bottom of the phone. Pressing the “-” key decreases the volume level while pressing the “+” key will increase it. If another call is made within two seconds of hanging up the previous call, the volume will remain at the last used volume level.

GUEST SERVICE AUTO DIAL KEYS

The Millennium has up to ten (10) programmable AUTO DIAL keys. These keys can be programmed to automatically dial telephone numbers, or activate telephone system features.

When a Guest Service Key is pressed, the programmed number will be displayed. For example, if the guest service key is programmed to dial extension 352, the Millennium will display:

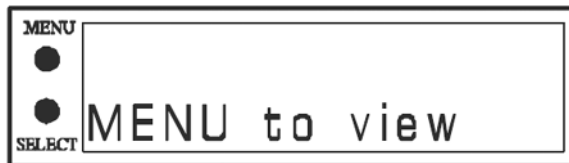


If extension 352 is programmed in the Express Service Select function with the label HOUSEKEEPING, the Millennium will display:



EXPRESS SERVICE SELECT

The Millennium's Express Service Select function is a 100 name and number electronic phone book. You can store up to 100 phone numbers or extensions with a 15 character description. When a guest presses the MENU key, instructions will be displayed on the telephone.



Continue pressing MENU to go through each programmed selection. When the guest locates the service they want to call, pressing SELECT will activate the speakerphone and dial the selected service.

RMA PROCEDURES

The following procedure should be followed with all Teledex telephone products prior to sending the telephone to the factory for repair.

- 1) Please perform the tests listed below:
 - a. Test the telephone on a different telephone jack.
 - b. Test telephone with a different line cord.
 - c. Test with a different handset cord (coiled cord).
 - d. For two line products, please ensure that one of the line buttons is pressed (if both line buttons are in the UP position, the telephone will not operate).
- 2) If the steps listed above do not provide a remedy for the suspect telephone, please place a tag on the individual telephone describing the defect. Next, call the Teledex Repair Department at **1 (800) 875-8539** for an RMA number. You must have an RMA number to return products to Teledex.
- 3) Kindly note: An RMA number is unique to each return shipment. Do not duplicate this number on any future shipments.

SHIPPING INSTRUCTIONS:

Please print the RMA number clearly on the outside of your shipping carton(s). Please ship to the following address:

Teledex LLC / RMA# _____

6311 San Ignacio Avenue

San Jose, CA 95119

FREIGHT CHARGES:

The Customer is responsible for shipping products for repair to Teledex. After repair, Teledex will return telephone products to the Customer freight prepaid in the same manner in which it was sent (i.e. Freight sent to Teledex UPS Blue, will be returned via 2 day shipping).

****Please note:** When telephones are returned for repair due to misuse (i.e. liquid spills, abuse, or Customer modification - warranty label broken), the Customer will be charged the standard repair fee, regardless of warranty status.

SAFETY

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons. Including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug the product from the wall outlet before cleaning. Do not use liquid cleaner or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water for example near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back of bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug or any other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
8. To reduce the risk of electric shock do not disassemble this product but take it to a qualified servicemen when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassemble can cause electric shock when the appliance is subsequently used.
9. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.
 - When the power supply cord or plug is damaged or frayed
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls

that are covered by the operating instructions because 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 product has been dropped or the cabinet has been damaged.
 - If the product exhibit a distinct change in performance.
10. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 11. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

REGULATIONS

REQUIREMENTS OF PART 68 - FCC RULES

This device has been granted a registration number by the Federal Communications Commission, under Part 68 rules and regulations for direct connection to the telephone lines. In order to comply with these FCC rules, the following instructions must be carefully read and applicable portions followed completely:

1. Direct connection to the telephone lines may be made only through the standard modular cord furnished, to the utility installed jack. No connection may be made to party or coin phone lines. On the bottom of the phone is a label that contains among other information, the FCC Registration Number and the Ringer Equivalence number (REN) for this equipment. If requested this information must be provided to the telephone company. The USOC Jack for this equipment is RJ11C.
2. The telephone company, under certain circumstances, may temporarily discontinue and make changes in facilities and services which may affect the operation of the users' equipment; however, the user shall be given adequate notice in writing to allow the user to maintain uninterrupted service.
3. In certain circumstances, it may be necessary for the telephone company to request information from you concerning the equipment which you have connected to your telephone line. Upon request of the telephone company, provide the FCC registration number and the ringer equivalence number of the equipment which is connected to your line; this information will be found on the device.
4. If any of your telephone equipment is not operating properly, you should immediately remove it from the telephone line. It may cause harm to the telephone network.
5. If the telephone company notes a problem, they may temporarily discontinue service. When practical, they will notify you in advance disconnection. If advance notice is not feasible, the telephone company must; promptly notify you of such temporary discontinuance; afford the opportunity to correct the condition; inform you of your rights to bring a complaint to the FCC under their rules.
6. Repairs to the device may be made only by the manufacturer or an authorized service agency. This applies at any time during and after warranty. If unauthorized repair is performed, registration, connection to the telephone lines and remainder of warranty period all become null and void.
7. This equipment is hearing aid compatible.
8. This telephone must be connected behind a PBX.

REQUIREMENTS OF PART 15 - FCC RULES

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is not a guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Move the telephone away from the receiver. -Consult the dealer or an experienced radio/TV technician for help. Any changes made by the user not approved by the manufacturer can void the user's authority to operate the telephone.

INDUSTRY OF CANADA REQUIREMENTS

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements documents. The department does not guarantee the equipment will operate to the users satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection.

The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority or electrician, as appropriate. The Ringer Equivalence Number (REN) of this device is Z.

Notice: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5. This telephone connects to the telephone network under the connecting arrangement code CA11A.