

MARQUIS[®] SERIES
.....
FROM TELEMATRIX

INSTALLATION AND USER GUIDE

**2802MWD5
TWO LINE
DELUXE FEATURE
TELEPHONE**



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



COMPLIANCE AND SAFETY

As specified by FCC regulation, we are required to inform you of specific governmental and compliance regulatory requirements, safety notices, safety instructions and other informative information. TeleMatrix, Inc. provides this information in a separate manual. We pack the separate Compliance and Safety Manual within each outer box or product box when shipped.

Prior to reading this operation manual and prior to setting up your telephone, please refer to the Compliance and Safety Manual.

If the Compliance and Safety Manual is not immediately available. Please obtain a free copy by calling our Priority Care Department (phone number 1-800-462-9446) or by downloading a copy on our Internet (web site address www.telematrixusa.com).





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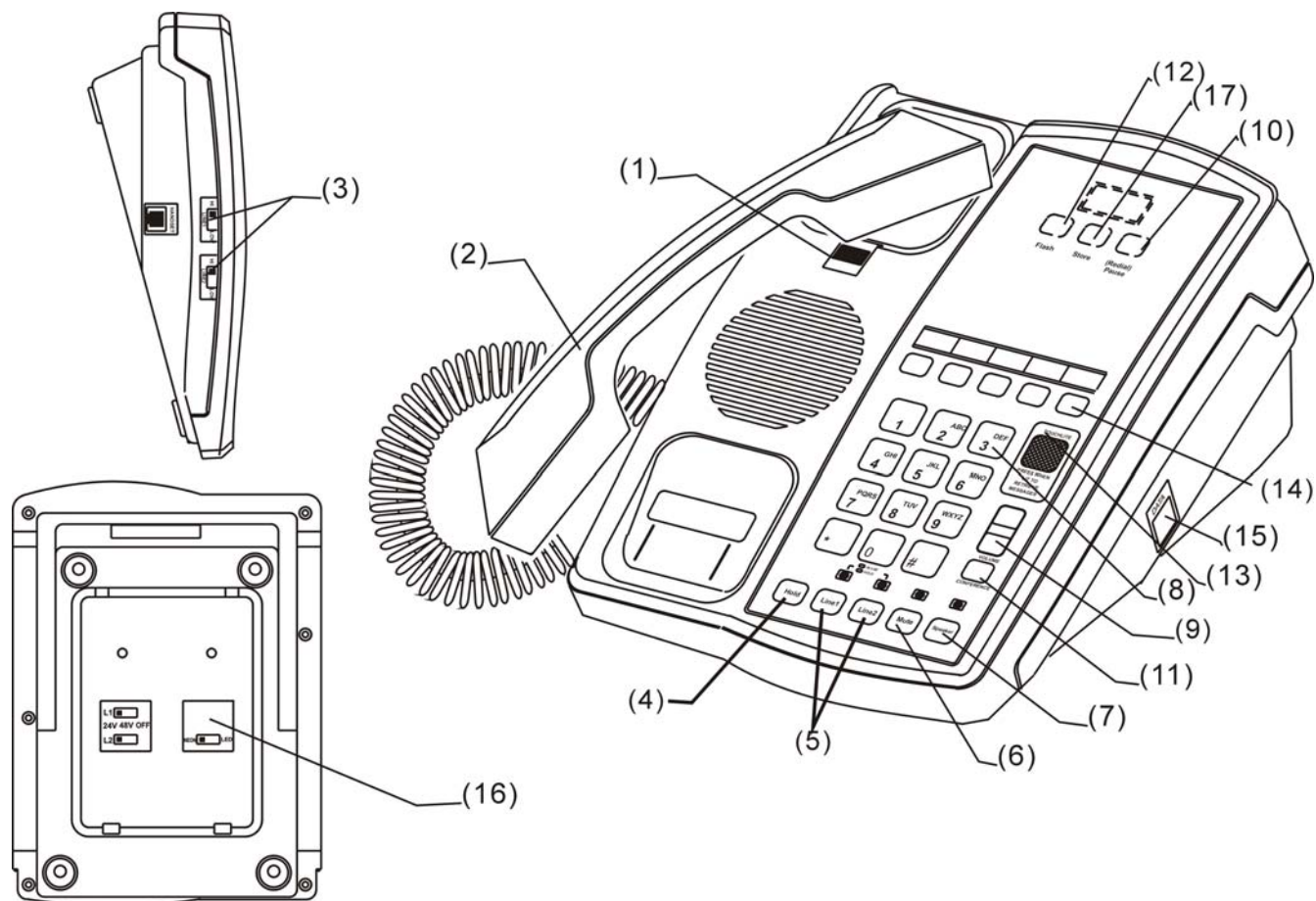
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FEATURES

- Two Line
- TouchLite™ Message Waiting—Combination Visual Message Waiting Indicator / Speed Dial Key
- No Battery Maintenance
- Convenient Data Port
- Hold Feature With Remote Release
- 5 Single Button Memory Locations With Secure Programming
- 2-Way Speakerphone
- Microphone Mute Function For Handset and Speakerphone
- Line Status Indicators For Line “IN USE”, On Hold Or Ring
- Storable Flash Function Programmable at 100mS to 1000mS (default is 600mS)
- Storable Pause Function Programmable at 1.0 to 5.0 Seconds (default is 1.2 Seconds)
- HI/LOW Ringer Volume Control Switch Per Line
- Line Voltage Switches For 24/48 Volt Operation
- Handset volume Control
- 90VDC Neon Or Low Voltage LED Selectable Message Waiting
- Desk or Wall Mountable
- Fully Modular, Easy To Install

CONTROLS



DEFINITION OF CONTROLS

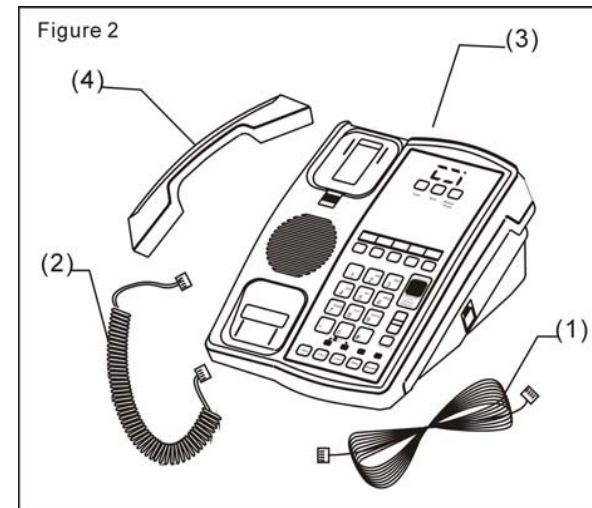
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|---|---|
| 1. Handset Hanger | Temporarily holds the handset when the unit is wall mounted. |
| 2. Handset | Hearing aid compatible, low profile styling. |
| 3. Ringer Controls | Adjusts the volume of the ringers to HI/LOW setting for line 1 or line 2. |
| 4. Hold Key | Used to place line 1 or line 2 on hold. |
| 5. Line Keys | Used to select line 1 or line 2. |
| 6. Mute Key | Disables the handset and speakerphone microphone |
| 7. Speakerphone Key | Used to activate the speakerphone. LED indicates speakerphone is active. |
| 8. Dial Pad | Large keys used for dialing. |
| 9. Handset Volume Control | Increase the loudness of the receiver volume when pressed. |
| 10. Pause Key | (Submerged Key) Used to program a 1.2 second pause in memory. |
| 11. Conference Key | Used for conference calling. |
| 12. Flash Key | (Submerged Key) Used to provide a 600mS line break to access PBX/ Centrex. |
| 13. TouchLite Message Waiting | Combination visual message waiting lamp / speed dial key used for message retrieval. |
| 14. Feature Access Keys | 5 Programmable memory locations for frequently dialed phone numbers and access codes. |
| 15. Data Port | Used to connect a computer modem, fax machine, or answering device. |
| 16. Message Waiting Selector Switch | Select optional 90VDC or Low voltage LED Message Waiting. |
| 17. Store Key | (Submerged Key) Used to program information for speed dialing. |

INSTALLATION

Parts Check List

The following parts are included in this package:

1. 15' modular telephone line cord.
2. Modular coiled handset cord.
3. Base unit
4. Handset



Caution

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

The wall mount wedge is not included. Call customer service for ordering the wall mount wedge.

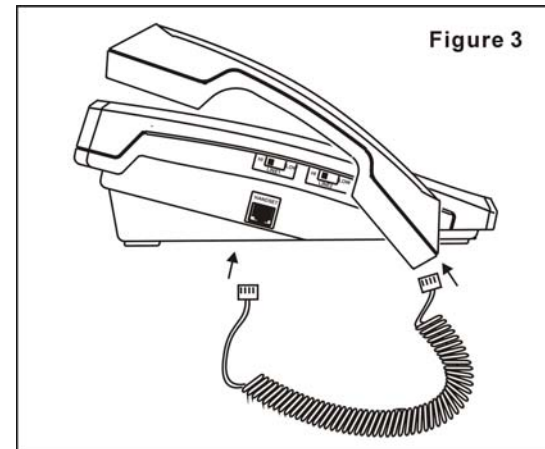
INSTALLATION

Connecting The Handset Cord

A 10' modular coil handset cord is provided.

To install, simply plug one end of the handset cord into the modular jack on the handset. The remaining end of the handset cord plugs into the jack labeled "Handset" located on the left side of the base unit.

(figure 3)

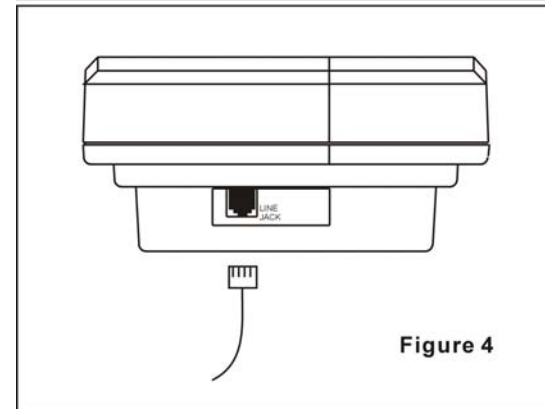


Connecting The Line Cord

A 15' modular line cord is provided.

To install, simply plug one end of the line cord into the modular jack located on the back of the base unit. The remaining end of the line cord plugs into the wall jack.

(figure 4)



SWITCH SETTINGS

There are installer selectable switches located on the bottom of the base unit. These switches are hidden behind a plastic cover for security. To locate, remove the plastic covers using a sharp pointer or paper clip as shown.

Message Waiting Selector

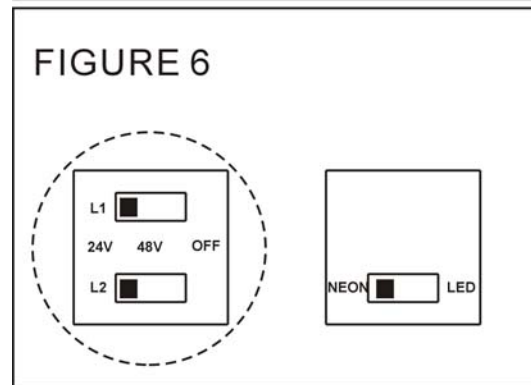
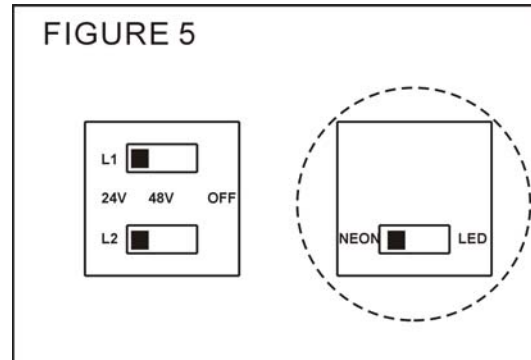
The 2802MWD5 can support 90VDC neon or low-voltage LED message waiting systems. Simply slide the switch to the desired position that is compatible with your PBX messaging system.

Note: the phone is factory preset to the "Neon" setting.

Line Voltage Selectors

The 2802MWD5 is designed to operate behind PBX telephone systems rated between 24 volts and 48 volts. There are line voltage selector switches that must be set according to the PBX system rating that the 2702MWD will be installed. There are two (2) switches, the first for Line 1 and the other for Line 2. Each switch has three (3) setting options. They are: "24V/48V/OFF". Set the switches by simply sliding to the appropriate setting. The "OFF" setting is used to turn off the line if a line appearance is not wired to the telephone. (figure 6)

Note: the factory default is set to the "24V" setting.

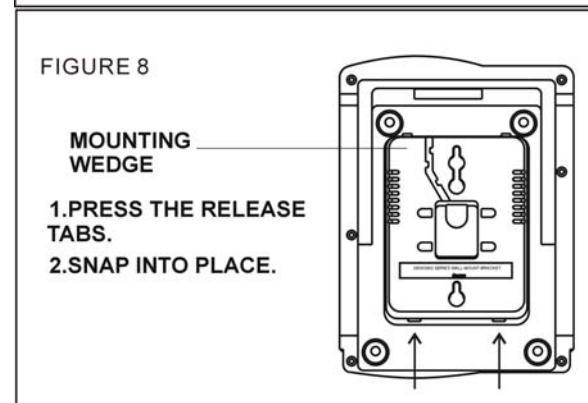
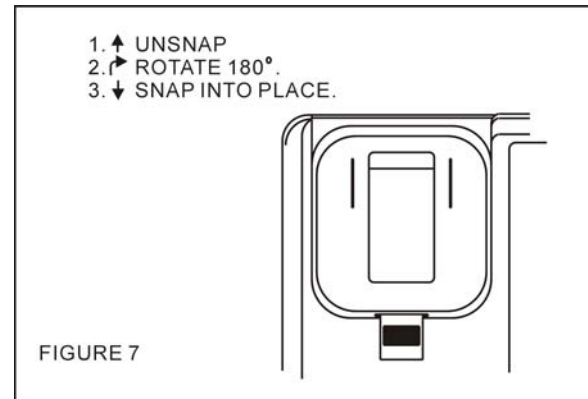


WALL MOUNTING

Wall Mounting Your 2802MWD5

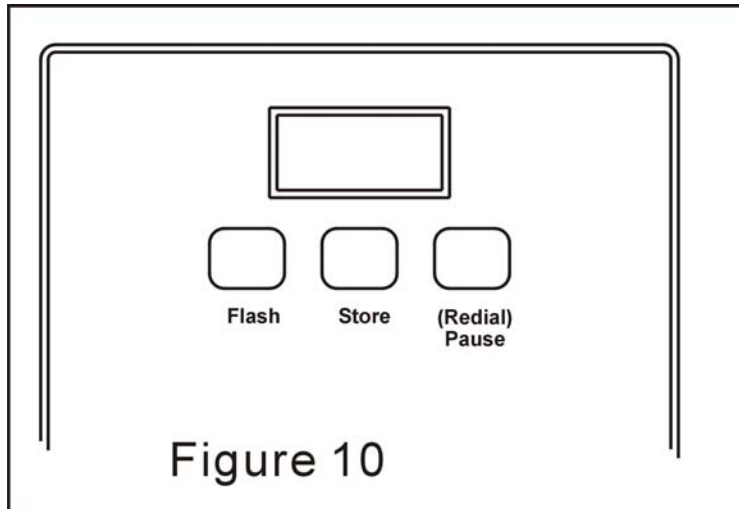
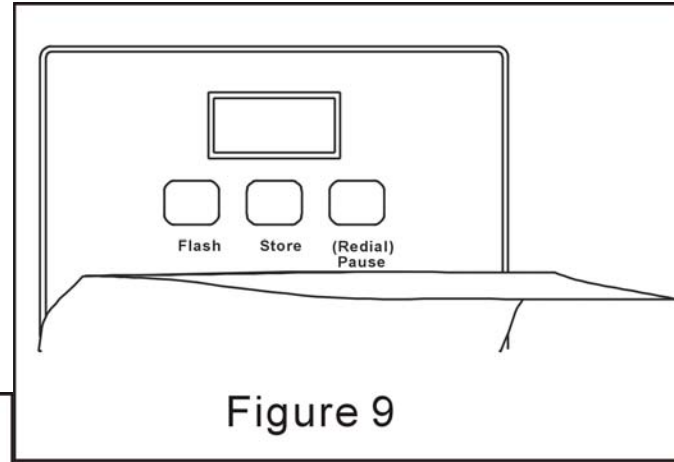
The 2802MWD5 was designed to be conveniently wall mounted. There is no additional hardware required. Follow these easy steps:

1. The handset retaining clip must be engaged to secure the handset when hanging up. To engage the clip, unsnap the clip, rotate the clip 180° and then snap the clip into place. (figure 7)
2. Plug one end of a short line cord (not included) into the line jack on the back of the base unit. Plug the remaining end of the short line cord into the wall jack.
3. Snap in the optional wall mount wedge (not included) onto the base (figure 8). Once attached to the phone base, then guide the phone onto the studs of the wall jack. Pull down firmly. The unit is now wall mounted.



PROGRAMMING SPEED DIAL

A. The “STORE”, “FLASH”, and “PAUSE” function keys are located underneath the clear plastic overlay and paper faceplate. To access, lift off the overlay and paper faceplate using a paperclip or sharp pointer. (figure 9 and 10)



PROGRAMMING SPEED DIAL

B. Storing A Number Into Memory

Up to 5 phone numbers can be stored into memory. Each location can store up to 32 digits in tone mode.

Note: a “PAUSE” or “FLASH” programmed into memory counts as one digit when storing a number.

1. Select Line 1.
2. Lift the handset.
3. Press the STORE key.
4. Enter the numbers to be stored using the numeric dial pad.
5. Press the desired memory location wherein the number is to be stored.
6. If additional numbers are to be stored, repeat steps 2 thru 5.
7. Hang up the handset.

C. Storing “PAUSE” Into Memory

If you are using your 2802MWD5 anywhere that requires an access code for outside calls, you may need to add a “PAUSE” to the number to allow time for the outside line to connect. You can enter as many pauses as needed.

Note: a “PAUSE” or “FLASH” programmed into memory counts as one digit when storing a number.

1. Select Line 1.
2. Lift the handset.
3. Press the STORE key.
4. Enter the required access code using the numeric dial pad.
5. Press the “PAUSE” key.
6. Enter the digits to be stored using the numeric dial pad.
7. Press the desired memory location wherein the number is to be stored.
8. If additional numbers are to be stored, repeat steps 2 thru 7.
9. Hang up the handset.

D. FLASH Hook Function

The Flash function is used to access PBX features or Telco line features such as Call Waiting. The FLASH function is a 600mS timed line break. If the FLASH function will be used often, store the feature into memory location for easy access as follows:

1. Lift the handset, press the “STORE” key.
2. Press the “FLASH” key.
3. Press the memory location wherein the “FLASH” is to be stored.
4. Hang up the handset.

PROGRAMMING THE *TouchLite*TM

FEATURE DESCRIPTION

TouchLiteTM is a new innovation that integrated the visual message waiting lamp and a speed dial key into one (handset and speaker can work only at off hook status). It allows easy access for guests to retrieve messages.

When the message waiting lamp lights to notify the guest that a message is waiting, a simple press of the RED TouchLiteTM connect the guest to the message center or front desk.

TouchLiteTM also adds an additional memory location to this telephone. (6 to 11 total speed dial memories depending on the model)

PROGRAMMING TouchLiteTM

1. Select line 1
2. Lift the handset.
3. Press the "STORE" key.
4. Enter the numbers to be stored using the numeric dial pad.
5. Press the red TouchLiteTM key to store.
6. Hang up the handset.
(figure 9 and 10)

OPERATION

LINE STATUS INDICATORS

The Marquis Telephone is equipped with LED indicators to show the current status of the telephone lines. They are:

- Ringing Line—Ringing LED turns red on incoming ringing signal.
- Line IN USE—Line status LED lights green when line is IN USE.
- HOLD—Line status LED turns from green to red when placing a call on hold.

PLACING A CALL USING THE HANDSET

- Press the line 1 or line 2 key that does not show a line IN USE indication.
- Lift the handset.
- Dial out by using the numeric dial pad or by pressing a speed dial location.

RECEIVING A CALL USING THE HANDSET

- When the phone rings, the ring indicator will light red to show which line is ringing.
- Select the line key for the line that is ringing and lift the handset.

PLACING A CALL USING THE SPEAKERPHONE

- Select line 1 or 2..
- Press the speaker key. The LED will light to show the speakerphone is on. The line status indicator will light red to show the line is IN USE.
- Listen for dial tone. Adjust the volume control if necessary and dial the number using the dial pad or a speed dial key.
- To end a call, press the speaker key. The LED indicator will go off and the line will hang up automatically.

RECEIVING A CALL USING THE SPEAKERPHONE

- When the phone rings, the ring indicator will light red to show which line is ringing.
- Select the line key for the line that is ringing. Press the speaker key. The LED will light to show the speakerphone is on.
- To end a call, press the speaker key. The LED indicator will go off and the line will hang up automatically.

OPERATION

Using The Mute Feature

A “Mute” key is provided to allow for privacy during a background conversation. When the “Mute” key is activated, the microphone in the handset and the speakerphone becomes disabled. When the “Mute” feature is activated, the caller will not hear your voice. The “Mute” key will illuminate to show that the feature is activated.

To de-activate, press the “Mute” key again.

Using The Hold Feature

The “Hold” key is used to place a caller on hold. To use, simply press the “Hold” key. The key will illuminate indicating that the line is on hold.

When placing a caller on hold, the handset can be returned to its on-hook position. The line will not be disconnected. To return to the caller, lift the handset or press the “Speaker” key for hands-free operation.

Handset Volume Control

The handset volume control increases the volume of the handset.

When the handset is off hook, press the volume control key to increase the handset volume. The volume control is a HI/LOW operation and is hearing aid compatible.

OPERATION

Using the Conference Key

The "Conference" key is used to establish a 3- way conversation. The conference feature is activated by a "soft" key that will automatically reset when hanging up.

A 3-way "Conference" call can be established while using either the handset or Speakerphone. To use the "Conference" feature:

1. Place the line that is currently in-use on hold by pressing the "Hold" key. The line status indicator will turn from Green to Red.
2. The second call can be established by selecting the idle line key and dialing the call.
3. When the second call is established, activate the 3-way conference call by pressing the "Conference" key. Line 1 and Line 2 will automatically "bridge" together and all the three parties can now converse.
4. To end the call, simply hang-up by placing the handset back in its cradle (on-hook) or by pressing the "Speaker" key.
5. If you wish to continue speaking with one of the callers and wish to "drop" the other caller, simply press the line key of the caller you wish to continue speaking with. The other caller will automatically drop-off.

CARE AND MAINTENANCE



Keep the telephone dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the telephone only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the telephone away from excessive dust and dirt that can cause premature wear of parts.



Wipe the telephone with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the system.

SERVICE

When problems arise during installation or service that cannot be resolved using this or related documents, contact the TeleMatrix Technical Service department 8:30a.m. - 4:30p.m. MST:

Toll Free: 1-800-462-9446
Direct: 719-638-8821
Fax: 719-638-8815
www.telematrixusa.com

Many times a problem is either installation or user related. Please contact TeleMatrix PRIOR to sending a telephone to our service center for repair. In the unlikely event that a factory repair be necessary:

1. Include a brief description of the trouble that you are experiencing.
2. Include a proof of purchase for a repair under warranty.
3. Send the telephone prepaid by UPS or Parcel Post insured to:

TeleMatrix, Inc.
Customer Care Center
5025 Galley Road
Colorado Springs, CO. 80915

TeleMatrix will pay to return the repaired telephone to you. Allow 2-3 weeks for delivery.

WARRANTY

STATEMENT OF LIMITED WARRANTY

TeleMatrix, Inc. (TMX) warrants to its [original end customer] [purchaser] that Spectrum, Spectrum Plus and Marquis branded products manufactured by TMX are free from defects in materials and workmanship for five (5) years after the date of purchase, and Regency branded products manufactured by TMX are free from defects in materials and workmanship for three (3) years, other than the following products for which the warranty period shall be one (1) year: handset batteries, either NiCd or NiMH, used in TMX cordless products. If a product fails this warranty during the warranty period, TMX will, at its option, either repair or replace the defective product or parts, or deliver replacements for defective products or parts on an exchange basis at no additional charge to the customer except as set forth below. Repair parts or replacement products may be either new or reconditioned. Products or parts returned to TMX under this warranty will become the property of TMX. Warranties on products repaired by TMX expire at the termination of the original warranty period.

This limited warranty does not cover:

1. Products or parts which are damaged, abused or misused;
2. Any damage resulting from improper installation, maintenance or operation of the product;
3. Damage resulting from unauthorized modification or repair of the product, or from improper connection of the product to other equipment;
4. Cords, connectors and replaceable batteries;
5. Damage in transit to the TMX repair facility;
6. Any product or part unless proof of date of purchase is submitted with the product when returned for warranty repair; or
7. Costs incurred by the customer in removing and shipping the product to TMX for repair or replacement, and costs of reinstallation of the product.
8. Products or parts which are not owned and used by the original end user customer.

The cost and risk of loss or damage for sending the product to TMX will be borne by the customer.

TMX EXPRESSLY DISCLAIMS ALL WARRANTIES EXCEPT THE LIMITED WARRANTY SET FORTH HEREIN, WHICH IS THE SOLE AND EXCLUSIVE WARRANTY OF THE PRODUCT, AND IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, OR STATUTORY. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE CUSTOMER'S SOLE REMEDY UNDER THE TMX WARRANTY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. IN NO EVENT WILL TMX BE LIABLE TO CUSTOMER OR ANY OTHER PARTY FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES OF LOST PROFITS, LOST REVENUES, LOSS OF USE OF FACILITIES OR EQUIPMENT, OR COST OF SUBSTITUTE EQUIPMENT ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT, EVEN IF THE CUSTOMER HAS ADVISED TMX OF THE POSSIBILITY OF SUCH DAMAGES. TMX LIABILITY FOR DAMAGES SHALL NOT EXCEED THE PURCHASE PRICE OF THE DEFECTIVE PRODUCT.

This limited warranty is non-transferable without the prior written approval of TMX. It gives the customer specific legal rights. The customer may have other rights which vary under local law. Some jurisdictions may not allow limitations on the term of an implied warranty or exclusions or limitations of incidental or consequential damages.



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Revision June 1, 2005

