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# 2 LINE TRIMLINE TELEPHONE



**USERS GUIDE**



## INTRODUCTION

Congratulations on the purchase of your TeleMatrix 2-line Trimline telephone. This telephone is a precision electronic device designed and manufactured with the highest quality components and workmanship that requires minimum maintenance. please be sure to read the contents in this user's guide to become familiar with its features and functionality.



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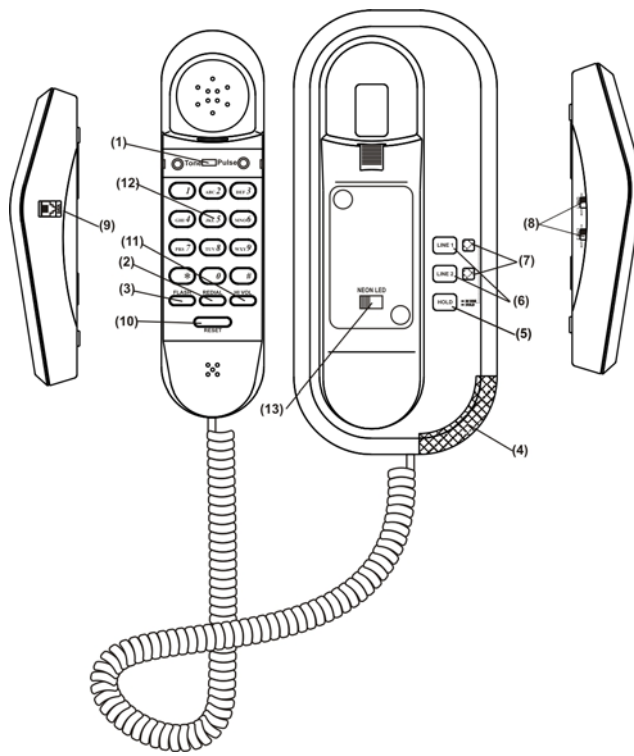
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## FEATURES

- Two Line Operation
- Tone/Pulse Dialing (selectable)
- Message Waiting Lamp (90VDC Neon)
- Convenient Data Port
- Hold Key
- Line Status Indicators
- Handset Volume Control
- Flash Function (600mS)
- Dial In Handset
- Last Number Redial
- Hi/Low Ringer Volume Control
- Desk Or Wall Mountable
- Secured, Permanent Mounting Option
- Fully Modular
- 90VDC Neon or low Voltage LED Selectable  
Selectable Message waiting

# CONTROLS



## DEFINITION OF CONTROLS

- 1. Tone/Pulse Switch**  
Used to select touch-tone or rotary pulse dialing.
- 2. Redial key**  
Used to automatically re-dial the last number dial.
- 3. Flash Key**  
Provide a 600mS time line break.
- 4. Message Waiting Lamp**  
Visual indicator to tell you that a message is waiting or that the line is ringing.
- 5. Hold Key**  
Used to place a caller on hold.
- 6. Line Selector Keys**  
Used to select Line1 or Line2 when placing or answer a call
- 7. Line Status Indicator**  
LED indicators to show that the line is ringing, in-use or on hold
- 8. Ringer Volume Control**  
Switch to adjust the loudness or the ringer.
- 9. Data Port**  
Used for plugging in a laptop, modem, fax, etc.
- 10. Line Reset Key**  
Used to reset the line to place another call.
- 11. Handset Volume Control**  
Amplifies the volume of the receiver.
- 12. Dialpad**  
Large keys used for outbound dialing.
- 13. Message waiting selector switch**  
Select optional 90VDC Neon or low voltage LED message waiting.



## INSTALLATION

### Caution

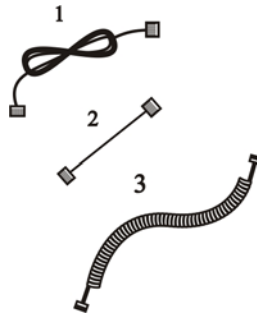
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet location unless the jack is specifically designed for wet locations.
- Never touch un-insulated telephone wires or terminal unless the telephone line has been disconnected at the network interface.
- Use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

# INSTALLATION

## Parts Checklist

The following parts are packaged with your TeleMatrix Trimline Telephone:

1. 15-foot Modular telephone line cord.
2. 5-inch Modular telephone line cord.
3. 10-foot Modular coiled handset cord.

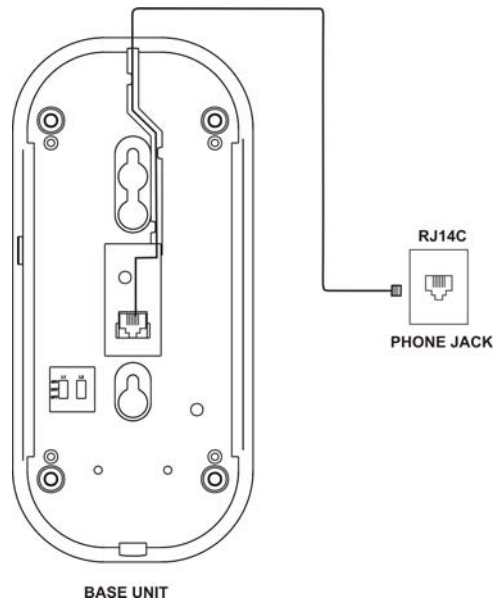




# INSTALLATION

## Connecting The Line Cord

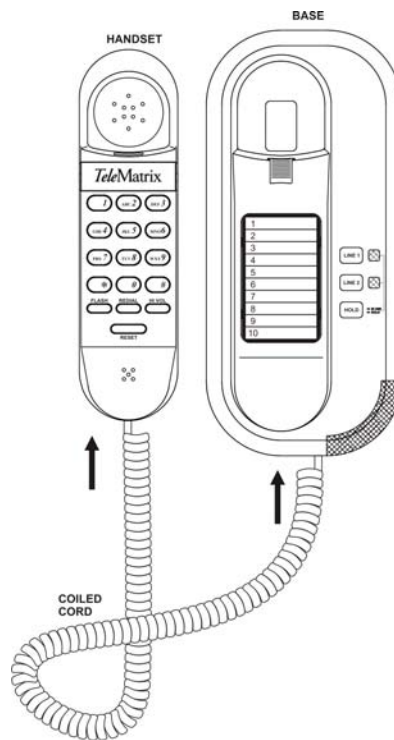
Plug one end of the 15-foot modular telephone line cord into the receptacle on the bottom of the base unit. Route the cord through the cord channel provided. Plug the remaining end of the line cord into a standard telephone outlet.



# INSTALLATION

## Connecting The Handset Cord

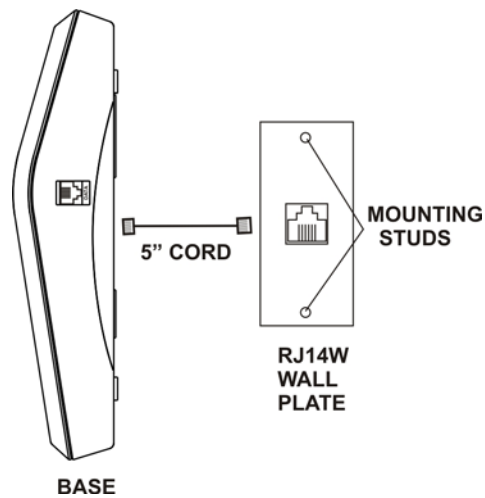
Plug one end of the modular coiled handset cord into the receptacle located on the left side of the base unit. Plug the remaining end into the receptacle on the handset.



# INSTALLATION

## Wall Mounting

The TeleMatrix Trimline telephone can be wall mounted to a standard telephone wall jack plate. Using the 5-inch line cord, plug one end into the receptacle on the bottom of the base unit. The remaining end will plug into the wall jack. Carefully align the slots on the bottom of the base unit with the wall mount studs on the jack plate. Once aligned, slide the base unit onto the studs and snap the base unit into place.

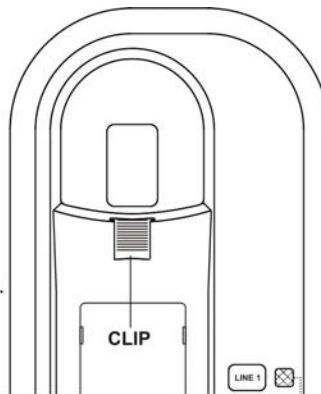


# INSTALLATION

## Handset Retaining Clip

The handset retaining clip must be activated to hold the handset when wall mounting the telephone. To activate, remove the clip, rotate it 180° and snap it back into place.

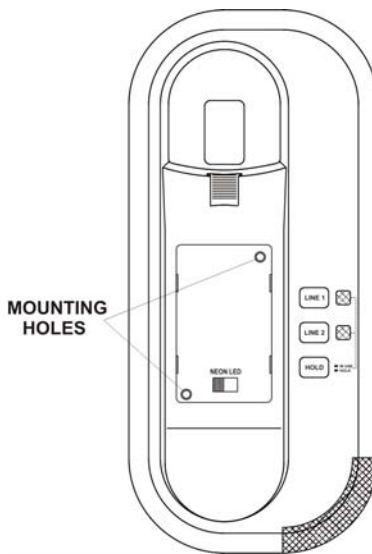
1. UNSNAP.
2. ROTATE 180.
3. SNAP INTO PLACE.



# INSTALLATION

## Security Mounting Option

The TeleMatrix Trimline base unit can be permanently attached to the wall using screws. This mounting option is ideal for areas requiring security. Underneath the index card are two (2) mounting holes. To locate, remove the clear plastic overlay and the paper index. Attach the base unit to the wall using appropriate screws for your application. (screws not included)

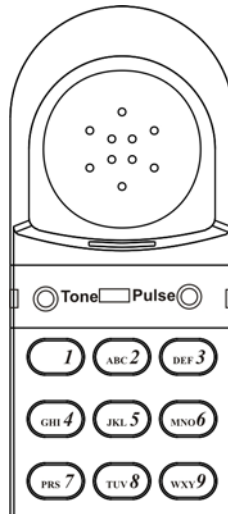


## SWITCH SETTINGS

### Tone/Pulse Switch

The Tone/Pulse switch is located underneath a cover plate located on the handset. Use a sharp pointer to remove the switch cover plate to expose the switch.

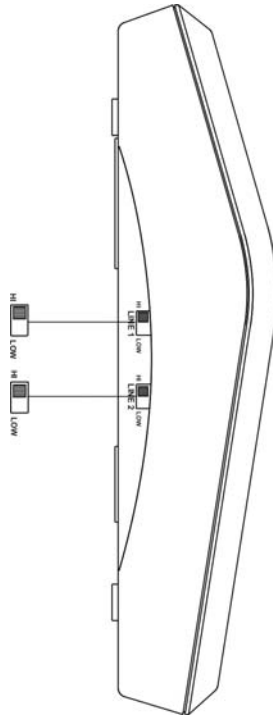
Set the switch to the proper dialing mode that is compatible to your line service. If your lines are equipped with “touch-tone” service, set the switch to the “Tone” position. If you do not have “touch-tone” service, set the switch to the “pulse” position. The “Pulse” setting will electronically simulate rotary dialing.



## SWITCH SETTINGS

### Ringer Volume Control Switch

There are two (2) slide switches located on the left side of the base unit that is used to adjust the loudness of the ringing sound. A “low” and “high” setting are provided. Select the desired loudness by sliding the switch in the appropriate position.

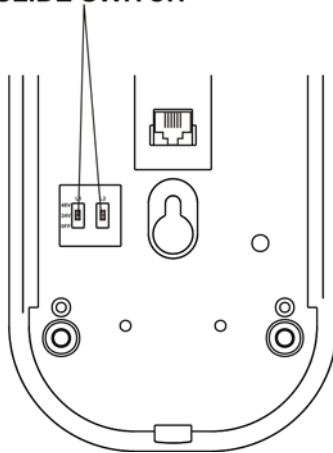


## SWITCH SETTINGS

### 24/48/Off Line Voltage Switches

There are two (2) 3-position slide switches located on bottom of the telephone underneath a plastic cover. Remove the cover using a sharp pointer, the line voltage switches are factory set for 48-volts. If you PABX system operates at 24-volts, slide the switch to the '24V' position. The line can be switched 'OFF' if a telephone line is not connected to that line appearance.

SLIDE SWITCH





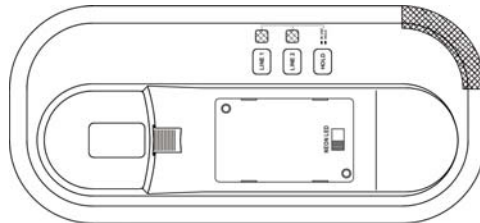
## SWITCH SETTINGS

### Message Waiting Switch

This telephone is standard equipped to support eight high voltage (90VDC Neon) or low voltage (LED) Message waiting systems, A selector switch is provided underneath the faceplate for security. The options are:

NEON = 90 VDC NEON  
LED = LOW VOLTAGE

Note: The switch is factory set to the “Neon” position.



## OPERATION

### A. Line Status Indicators

The 2-line TrimLine is equipped with LED indicators to show the current status of the telephone lines. They are :

- Ringing Line: LED is blinking red
- Line In-Use: LED is steady green
- Line On Hold: LED turns from green (in-use) to red (hold) on telephone that places the call on hold. All remote extensions show green (in-use)

### B. Placing A Call

- Press either Line 1 or Line 2 selector key that does not show a green in-use indication.
- Lift the handset.
- Dial out using the numeric dial pad.

### C. Receiving A Call

- On an incoming call, the telephone will ring and the line status indicators will show blinking red.
- Select the line key for the line that ringing
- Lift the handset.

### D. To Place A Call On Hold

- Press the Hold key. The call will automatically be placed on hold. The line status indicator will turn from green to red.
- Hand up the handset.
- To return to the held call, select the appropriate line key and lift the handset.
- Note: The telephone has an electronic hold feature. The call on hold can be released from a remote extension

## CARE & MAINTENANCE



Keep the telephone dry. If it gets wet on the outside, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits. Do not touch the unit if submerged in water. Call for assistance.



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. Avoid direct sunlight.



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 unit.

## SERVICE INFORMATION

When problems arise during installation or service that cannot be resolved using this or related documents, contact the TeleMatrix Priority Care Department, Monday through Friday, 8:30a.m. - 4:30p.m. MST:

Toll Free: 1-800-462-9446  
Direct: 719-638-8821  
Fax: 719-638-8815  
[www.telematrixusa.com](http://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 is necessary:

1. Include a brief description of the problem 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.  
Priority Care Center  
5025 Galley Road  
Colorado Springs, Colorado 80915

TeleMatrix will pay return postage on the repaired telephone. Allow 2-3 weeks for delivery. When immediate replacement is required, see our FastLane<sup>SM</sup> replacement policy on our internet site.

## FCC REQUIREMENTS

1. The Federal Communications Commission (FCC) has established Rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin lines.
2. If this device is malfunctioning, it may also be causing harm to the telephone network: this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.
3. The telephone company may make changes in its technical operations and procedures: if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes.
4. If the telephone company requests information on what equipment is connected to their lines, inform them of:
  - (a) The telephone number that the unit is connected to.
  - (b) The ringer equivalence number.
  - (c) The USOC jack required, and
  - (d) The FCC Registration Number.

Items (b) and (d) are indicated on the label. The ringer equivalence number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the REN's of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

### Service Requirements

5. In the event of equipment malfunction, all repairs should be performed by our company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. Service can be facilitated through our office at:

**TeleMatrix, Inc.**  
**5025 Galley Road**  
**Colorado Springs, CO. 80915**  
**800-462-9446**  
**719-638-8821**

# 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, LOST 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.