TELEMATRIX®

3300 SERIES ANALOG
USER GUIDE

3300LBY, 3300MWB, 3300MW5, 3300MW10, 3300MWD5, 3300MWD, 3302MWD5, 3302MWD, 3300TRM

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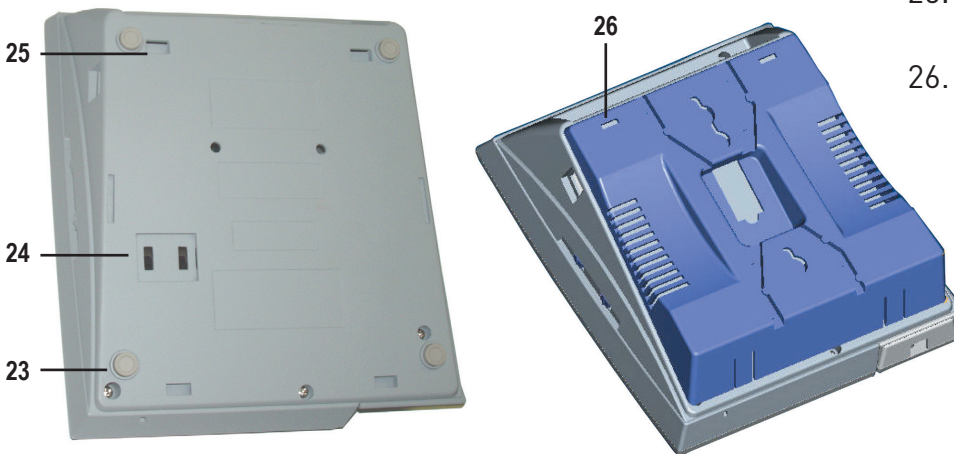
3300 & 3302 Trimline Analog Phone Maps

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3300 Series

Parts Check List

The following parts are included in this package:

- Line cord
- Handset coiled cord
- Base and handset
- Faceplate
- Plastic faceplate overlay

The following are optional items possibly included (must be ordered separately):

- Wall mount adaptor bracket
- Short line cord for wall mounting

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 in a normal temperature environment.** Temperature extremes can shorten the life of electronic devices and distort or melt 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.

Installation

CAUTION INFORMATION

- Never install telephone or network wiring during a lightning storm.
- Never install telephone or Ethernet 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 and network lines.

CONNECTING THE HANDSET CORD

A 10 ft modular handset coil cord is provided. To install, simply plug one end of the coil cord into the jack at the base of the handset, and the other end into the jack located on the left side of the telephone base marked Handset.

CONNECTING THE LINE CORD

A 15 ft modular line cord is provided. To install, simply plug one end of the cord into the modular jack at the top end of the base unit and the other end into the wall jack.

CONNECTING TO DATA PORT

The phone is equipped with a data port, a High Speed Internet Access port on the right side of the base unit. This receptacle acts as a pass-through so that the guest may conntect their laptop into the hotel's high speed internet system for maximum effeciency. To connect—place the Ethernet cable from the wall into the RJ45 receptacle at the top end of the base. *(Does not apply to 3300LBY.)*

Wall Mounting

WALL MOUNTING (OPTIONAL)

The 3300 Series telephones is designed to conveniently wall mount. Please follow these easy steps:

1. The handset retaining clip must be engaged to secure the handset when hanging it up. To engage the clip, unsnap the clip, rotate the clip 180 degrees and then snap the clip into place.
2. Plug one end of a short line cord into the line jack on the back of the base unit. Plug the other end of the line cord into the wall jack.
3. Attach the wall mount bracket on to the back of the phone, placing mounting clips

into brackets slots—push in place until you hear them snap into place.

4. Next, guide the phone with wall mount wedge onto the studs of the wall jack. Press down firmly until you feel it snap into place. The unit is now wall mounted.

Settings

MESSAGE WAITING SELECTORS

USA/DOMESTIC CONFIGURATION

This telephone automatically responds to both NEON or low-voltage LED signals via the TYPE setting.

Note: Check with your telephone switch provider to ensure the proper setting.

EUROPEAN CONFIGURATION

This telephone automatically responds to both NEON or low-voltage LED signals via the TYPE setting. LR1 and LR2 are for reverse polarity message signaling (LR means line reverse). If the wrong position is selected, the message lamp will be OFF when there is a message, and ON when there is no message. Moving the switch to the other position will correct this.

The telephone also has an ON/OFF switch that turns the entire message waiting circuit on or off. The normal setting is ON.

Features

1. **Speed-Dial Memory Keys:** 5, 10, or 0 user programmable speed-dial keys with 32-digit capacity. [Flash] and [Pause] are storable. Speed-dial memory is non-volatile RAM, so programming is retained without the need for batteries or telephone line power.
2. **FLASH Key:** Generates a 600 ms (0.6 seconds) hook switch "tap" signal. Utilized to access special features on PBX systems. The Flash function is programmable at

100 ms to 1000Ms (default is 600 ms). This button is located underneath the faceplate.

3. **HOLD Key:** Controls the "local hold" function. Each time it is pressed, the [Hold] key toggles the local hold mode on or off. An LED indicator located above the [Hold] key displays the on-hold status.
4. **REDIAL Key:** Redials the last-dialed telephone number, up to 32 digits.
5. **STORE Key:** Utilized to program the speed-dial memory keys and the voice mail retrieval touch bar. This button is located underneath the faceplate.
6. **MUTE Key:** Sets the microphone mute function On and Off. The LED indicator above the [Mute] key displays the On/Off status of the mute function. When mute is on, the handset and hands-free microphone audio is turned off. You will be able to hear the party at the other end of your call, but they will not be able to hear you.
7. **SPEAKER Key (for phones with a speakerphone):** Sets the hands-free speakerphone function On or Off. The LED indicator located above the [Speaker] key displays the status of the speakerphone.
8. **Data Port:** Provides a convenient extension of the telephone line in use for connecting a device such as a modem, fax, or answering machine.

Operation

VOLUME

HANDSET AND SPEAKER VOLUME CONTROL

The handset volume control increases the volume of the handset. When the handset is off hook or speaker key engaged on speakerphones, press the volume control keys to increase or decrease the volume. The handset volume control is a 8-step operation, and 2-step operation for 3300LBY sets. All models are hearing aid compatible.

RINGER VOLUME CONTROL

The ringer volume control switch is on the right side of the phone.

Settings are either Low or HI (High), for both lines 1 and 2.

INDICATORS

SPEAKER AND MUTE KEY CONNECTING AND STATUS INDICATORS

Speakerphones are equipped with LED indicators to show the current feature key status.

• Press SPEAKER or MUTE feature key to use that service—LED will light green when that key is in use.

USING THE MUTE FEATURE ON SPEAKERPHONES

A MUTE key is provided to allow privacy during a background conversation. When the MUTE key is activated, the microphones in the handset and speakerphone are disabled. When the MUTE feature is activated, the caller will not hear your voice. The MUTE key will light to show that the feature is activated. To de-activate, press the MUTE key again.

(Does not apply to non-speakerphones.)

USING THE CONFERENCE KEY ON SPEAKERPHONES

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

A 3-way conference call can be established while using either the handset or speakerphone. To use the CONF 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 CONF key. Line 1 and Line 2 will automatically bridge together and all 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.

(Does not apply to non-speakerphones.)

CALLING

PLACING A CALL USING THE HANDSET

• Lift the handset (off-hook position).
• Dial out by using the numeric dial pad or by pressing a speed dial location.

RECEIVING A CALL USING THE HANDSET OR SPEAKER

• On a single-line telephone, when the phone rings, either lift the handset or press the SPEAKER key, should you have a speakerphone, to begin the conversation.
• On a two-line telephone, when the phone rings, the line LED indicator will blink to show which line the call is coming in on. Select the blinking line key, then lift the handset or press the SPEAKER key, should you have a speakerphone, to begin the conversation.

PLACING A CALL USING THE SPEAKERPHONE

The 3300 Series speakerphones are equipped with a high quality speakerphone feature to allow hands free operation. To use, simply press the SPEAKER key when placing or answering a call.

The telephone line will activate automatically. The SPEAKER key will light up indicating that the speakerphone is in-use. To hang up, press the SPEAKER key again.

(*Does not apply to non-speakerphone telephones.*)

Programming

The telephone set must be connected to the PBX in order to program it.

TO PROGRAM STORE, FLASH, AND PAUSE

Some of these programming keys are located under the faceplate and overlay. Begin by lifting up the faceplate and overlay by using either a paperclip or sharp pointer.

STORING A NUMBER INTO MEMORY KEYS—STORE

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

(*Does not apply to non-memory key telephones.*)

PROGRAMMING FLASH TIMING AND PAUSE TIMING

Flash timing options are 100 mS thru 1000 mS, programmable in 100 mS increments. The default

Flash timing is 600 mS. Pause timing options are 1.0 s through 5.0 s. The default Pause timing is 3.6 s.

1. Lift the handset.
2. Press the STORE key once.
3. Program FLASH by pressing "1" for 100 mS, "2" for 200 mS, and so on.
4. Press STORE.
5. Press FLASH.
6. Exit programming by hanging up the handset.

To program PAUSE follow the above sets, except at #3 do the following:

3. Program PAUSE by pressing "1" for 1.0 s, "2" for 2.0 s, and so on.

STORING PAUSE/REDIAL INTO MEMORY—PAUSE

If you are using your telephone 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 an many pauses as needed.

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

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

(*Does not apply to non-memory key telephones.*)

FLASH HOOK FUNCTION—FLASH

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

1. Lift the handset, then 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 MESSAGE WAITING ONETOUCH KEY INTO MEMORY— ONETOUCH

OneTouch is an innovation that integrates the visual message waiting lamp and a speed dial key onto one. It allows easy access for guests to retrieve messages. When the message waiting lamp lights notify the guest that a message is waiting, a simple press of the red OneTouch button connects the guest to the message center or front desk.

OneTouch also adds an additional memory location to this telephone.

1. Lift the handset.
2. Press the STORE key.
3. Enter the number to be stored using the numeric dial pad.
4. Press the red OneTouch key to store.
5. Hang up the handset.

(Does not apply to 3300LBY or 3300MWB telephones.)

3300 & 3302 Trimline

Parts Check List

The following parts are packaged with your TeleMatrix Trimline telephone:

- Line cord
- Handset coiled cord
- Base and handset

The following are optional items possibly included (must be ordered separately):

- Wall mount adaptor bracket
- Short line cord for wall mounting

Features

- Single or Two-Line
- Convenient Data Port
- Message Waiting Lamp
- Handset Volume Control
- Flash Function (Switchable for 100 mS/300 mS and 600 mS)
- Hold Key (Two-Line)
- Line Status Indicators (Two-Line)
- Last Number Redial
- HI/Low Ringer Volume Control
- Desk or Wall Mountable
- Hearing Aid Compatible

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 none insulated telephone wires or terminal unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

CONNECTING THE LINE CORD

Plug the end of the 15-foot modular telephone line cord into the jack on the top of the base unit. Plug the remaining end of the line cord into a standard telephone outlet.

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.

Wall Mounting

The TeleMatrix Trimline telephone can be wall mounted to a standard telephone wall jack plate. Using the 3.5-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.

HANDSET RETAINING CLIP

The handset retaining clip must be activated to hold the handset when wall mounting the telephone. Turn the wall mount clip 180 degrees.

Switch Setting

FLASH SWITCH

There is a 3-position slide switch located on the handset under the plastic cover. Use a sharp pointer to remove the switch plastic cover plate to expose the switch.

The FLASH key can provide a 100 ms/300 ms and 600 ms time line break. After setting switch, hang up and then remove handset from its cradle to activate new switch position.

MESSAGE-WAITING SWITCH

There are two (2) slide switches located on the base unit under a plastic cover. Use a sharp pointer to remove the switch plastic cover plate to expose the two switches.

These switches control how the message-waiting lamp (MWL) works:

Position:	Mode:
TYPE	Responds to high-voltage (neon type) MWL signaling, and also to low-voltage (LED type) MWL signaling
LR1	Reverse polarity MWL, polarity 1
LR2	Reverse polarity MWL, polarity 2

The second switch (ON/OFF) enables the MWL when switched on, but completely disconnects the MWL circuit when switched off.

The default message-waiting switch settings should be:

- Message Waiting ON/OFF switch needs to be set to ON.
- Message Waiting TYPE/LR1/LR2 switch needs to be set to TYPE.

RINGER VOLUME CONTROL SWITCH

There is a slide switch 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 to the appropriate position.

Operation (Two-Line)

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).

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.

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 is ringing.

Lift the handset.

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.

Hang 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.

Statement of Limited Warranty

TELEMATRIX, INC. warrants to its [original end customer] [purchaser] that Spectrum PLUS, Marquis and RETRO branded products manufactured by TELEMATRIX, INC. are free from defects in materials and workmanship for five (5) years after the date of purchase, products manufactured by TELEMATRIX, INC. 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 TELEMATRIX, INC. cordless products. If a product fails this warranty during the warranty period, TELEMATRIX, INC. 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 TELEMATRIX, INC. under this warranty will become the property of TELEMATRIX, INC. Warranties on products repaired by TELEMATRIX, INC. 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 TELEMATRIX, INC. 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 TELEMATRIX, INC. 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 TELEMATRIX, INC. will be borne by the customer.

TELEMATRIX, INC. 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 TELEMATRIX, INC. WARRANTY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. IN NO EVENT WILL TELEMATRIX, INC. 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 TELEMATRIX, INC. OF THE POSSIBILITY OF SUCH DAMAGES. TELEMATRIX, INC. 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 TELEMATRIX, INC. 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.

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 or 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 place 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. Take it to a qualified service facility if service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly 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, as improper adjustment of other controls may result in damage and may 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 exhibits 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.

PLEASE SAVE THESE INSTRUCTIONS.

FCC Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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 instructions, may cause harmful interference to radio communications. However, there is no 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:

– Reorient or relocate the receiving antenna for the radio or television that is receiving the interference).
– Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
– Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

FCC RF Radiation Exposure Statement

The installation of the base unit should allow at least 20 centimeters between the base and persons to be in compliance with FCC RF exposure guidelines. For body-worn operation, the portable part (handset) has been tested and meets FCC RF exposure guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry of Canada Requirements

Note: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

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 a user to this equipment, or equipment malfunctions, may give the telephone communications 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 system, 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.

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.

REN: Z

For warranty and service in Canada, please contact:

Williams Telecommunications
5610 Kennedy Road
Mississauga, Ontario, L4Z2A9
Canada
Phone: 905-712-4242
Fax: 905-712-1754

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 instructions, may cause harmful interference to radio communications. However, there is no 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:

1. Move the telephone away from the receiver.
2. 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.

Requirements of Part 68— FCC Rules

This equipment complies with Part 68 of the FCC Rules and the requirements adopted by ACTA. On the bottom of this telephone is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company. The USOC Jack for this equipment is RJ11C.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules

and requirements adopted by ACTA. A compliant telephone cord and modular plug are provided with this telephone. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The Ringer Equivalence Number (REN) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is a part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this telephone causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact Teledex at (800) 462-9446. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

There are no user-serviceable parts contained in this equipment.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This telephone is hearing aid compatible.

These telephone devices are intended for commercial use only, primarily in hotel guestrooms. They must be used with a PBX (private branch exchange), and are not intended to be connected directly to a PSTN line (public switched telephone network). There are no user-serviceable parts inside the equipment.

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TMX-3300-An-UG-122015