



# M SERIES BLUETOOTH ANALOG CORDED USER GUIDE

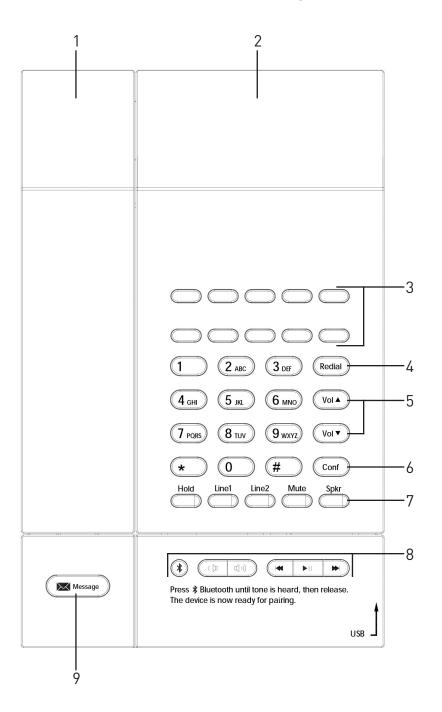
For M100B5, M100B10, M200B5, M200B10

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# M Series Bluetooth Analog Corded Phone Map



#### **BASE FEATURES AND CONTROLS**

- 1. Handset
- 2. Base
- 3. Guest service keys
- 4. Redial key
- 5. Volume increase or decrease keys
- 6. One-line: Flash key
  Two-line: Conference key
- 7. One-line: row of Hold, Mute, and Speaker keys Two-line: row of Hold, Line 1, Line 2, Mute, and Speaker keys
- 8. Bluetooth pairing controls
- 9. Message-waiting light

# **Unpacking Your Telephone**

This package should contain the following:

- Handset
- Base Unit
- AC Adapter
- 10 foot handset coil cord
- 12-foot, 4-wire RJ-14 Line Cord
- 12-foot, 8-wire RJ-45 Cable
- Fixed Plastic template

# **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 end of the telephone base marked Handset.

#### **CONNECTING THE LINE CORD**

A 12-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.

# **Operation**

#### **PLACING A CALL**

Using the handset:

- Pick up the handset and select either line 1 or line 2. Listen for dial tone and dial the desired number.
- 2. After the call is complete, press the key for the selected line again to end the call.

Using the speakerphone:

- 1. Press key for either line 1 or line 2, or press **SPKR.**
- 2. Listen for dial tone, and dial the desired number, or press an auto dial key to dial a preprogrammed number.
- 3. After the call is complete, press the **SPKR** key to end call.

#### **RECEIVING A CALL**

An audible ring and flickering red LED indicate an incoming call. To answer the call using the handset while it is *not* on the base:

- 1. Pick up the handset.
- 2. Press the line key for the ringing line.
- 3. To end the call, place the handset in the base unit cradle.

To answer the call using the handset while it is resting on the base:

- 1. Pick up the handset from the base. The phone will automatically connect to the correct ringing line.
- 2. To end the call, replace the handset in the base unit cradle.

To answer the call using the speakerphone:

- 1. Press the line key for the ringing line. The speakerphone will go off-hook, answering the ringing line.
- 2. Or press the **SPKR** key. The phone will automatically select the correct, ringing line.
- 3. To end the call, press the **SPKR** key again.

#### ADJUSTING THE RING VOLUME FOR BASE

The up and down volume keys will adjust the ringer volume of the telephone. The M Series telephone begins at the lowest setting, then automatically rings louder with each successive ring during an incoming call.

The speakerphone has five (5) levels. To adjust ring volume, locate the volume up/down keys, located on the front surface of the phone to the right of the keypad.

#### ADJUSTING SPEAKERPHONE VOLUME

The speakerphone has five (5) levels. To adjust speakerphone volume, locate the volume up/down keys, located on the front surface of the phone right of the keypad.

#### ADJUSTING HANDSET RECEIVER VOLUME

The handset has five (5) volume levels. To adjust the handset volume, locate the volume up/down keys. Pressing the down key will decrease the volume level, while pressing the up key will increase it.

#### REDIAL

The M Series can automatically redial the last number dialed. Lift the handset or turn on the speaker phone then press the **REDIAL** key to redial the last number.

#### **USING THE HOLD KEY**

The **HOLD** key places the call on hold locally at the M Series telephone.

With a call active, press the **HOLD** key on either line 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 active again.
- 2. The red LED will return to blinking illumination, indicating the line is active.

To change phones after placing a call on hold:

- 1. Place the call on hold as above.
- 2. Pick up the call at another telephone that is on the same line. The telephone will activate the line and remove the hold at the original telephone.

#### TO MUTE THE SPEAKERPHONE

- Press the MUTE key on the base unit.
   The red LED above the MUTE key will illuminate. The party on the other end will not be able to hear you when the MUTE LED is lit.
- 2. Press the **MUTE** key again to turn off the mute feature. The **MUTE** LED will go out.

#### **AUTO-DIAL KEYS—FACEPLATE OFF**

The M Series has either five (5) or ten (10) programmable guest service (auto-dial) keys, depending on the model you own.

These keys can be programmed to automatically dial telephone numbers, or to activate telephone system features. To program the auto-dial keys (programming can only be done from base unit):

- With the phone on hook (inactive) and the fixed faceplate removed, press the recessed **STORE** key.
- 2. Enter the desired telephone number (up to 32 digits in length) to be stored. To enter a pause in the number string, press the **REDIAL** key as necessary.
- 3. Press the **STORE** key again.
- 4. Press the auto-dial key where the number is to be stored. Programming is now completed for that auto dial key.

To program additional keys, repeat this process.

## **CONFERENCE (2-LINE MODELS ONLY)**

The **CONF** key allows for three-way conversations. Depending on the situation, you may initiate a conference call using one of these methods:

#### User initiates two calls:

- Place call to first party, then place them on hold by pressing the **HOLD** key.
- 2. Using the second line, place call to second party. Then put them on hold by pressing the **HOLD** key.
- Activate the 3-way conference call by pressing HOLD/CONF key on the base unit.

#### User initiates one call:

- 1. After receiving a call from first party, place them on hold as above.
- 2. Using the second line, place call to second party. Then put them on hold as above.
- 3. Activate the 3-way conference call by pressing **CONF** key on the base.

#### User includes two callers:

- 1. After receiving a call from first party, place them on hold as above.
- 2. After receiving call from second party, place them on hold as above.
- 3. Activate the 3-way conference call by pressing **CONF** key on the base.

To terminate a conference call, pressing a line key will maintain the connection with that line, while dropping the other line. To terminate the call entirely, place the handset back into the cradle to disconnect both parties.

#### **AUTO-DIAL KEYS—FACEPLATE ON**

The M Series has either five (5) or ten (10) programmable guest service (auto-dial) keys, depending on the model you own.

These keys can be programmed to automatically dial telephone numbers, or to activate telephone system features. To program the auto-dial keys (programming can only be done from base unit):

#### **PROGRAMMING**

# Storing a Number into Memory Keys or OneTouch Message-Waiting Key.

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. Set the Speakerphone in the OFF mode (inactive).
- 2. Press \*#79\*# + number + M(n) Enter the number to be stored using the numeric dial pad (that is, \*#79\*# +123456+M1). The phone will generate "a Di-Du" sound.
- 3. If additional numbers are to be stored, repeat steps 2 through 3.

#### Programming Flash Timing and Pause Timing.

Flash timing options are 100 mS through 1000 mS, programmable in 10 0mS 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.

#### Programming Flash Timing.

- 1. Set the Speakerphone in the OFF mode (inactive).
- 2. Press \*#78\*# + number (1-0) + Conf (the phone will generate a "Di-Du" sound after the setting is finished) (that is, \*#78\*# + 9 + Conf Flash = 900 ms).

## Programming Pause Timing.

- 3. Set the Speakerphone in the OFF mode (inactive).
- 4. Press \*#78\*# + number (1-5) + Redial (the phone will generate a"Di-Du" sound after the setting is finished) (that is, \*#78\*# + 5 + Redial Pause = 5 seconds).

# **Bluetooth User Instructions**

## Register a Bluetooth-Enabled Mobile Phone to the M Series Phone ≯

- 1.1 In standby mode, press and hold \$\frac{1}{2}\$ key for 3 seconds, the Bluetooth LED will blink and the speaker will generate a "toot" prompt tone, the terminal then enters the registration state.
- 1.2 The mobile phone turns on Bluetooth and selects the corresponding device connection. After successfully registering, the Bluetooth LED turns off, returning the phone to standby mode.

#### Note:

- One M Series terminal can register only one mobile phone.
- 2. During the registration, escape the registration process by taking the handset off-hook.

#### 2. Deregister the Mobile Phone \*

In the standby mode, press and hold \$\frac{\*}{} key for 3 seconds, the speaker generates a "toot" prompt tone, the terminal will automatically delete the registered mobile phone.

**Note:** When the mobile phone turns off Bluetooth or exceeds the supported distance (range of about 30 ft/10 meters), the M series terminal will automatically delete the registered mobile phone within 15 seconds.

#### 3. Play Bluetooth Audio

The mobile phone turns on the music player. The M Series terminal can carry out the following operations:

- 1. Press ▶ II to start/stop the play.
- 3. Press ▶ to decrease the sound volume.
- 4. Press → to select the previous music, press ⋈ to select the next music.

**Note:** During the play, the Bluetooth LED automatically blinks.

#### 4. How to Use a Bluetooth Phone \*

- 4.1 Placing a Call by Bluetooth

  Placing a Call: Lift the handset and press 

  key, the Bluetooth LED lights up. The handset receiver generates the dial tone and you can dial the telephone number. The mobile phone will automatically dial out the number after 3 seconds or you can directly press # key to start dialing out.
- 4.2 Receiving a Call by Bluetooth
  When the mobile phone rings, lift the handset and press ★ key to answer the call.

## 5. Set the Name of the M Series Phone/ Bluetooth Device

In the standby mode, press \* # 2 8 <name>
\* # . The <name> only supports numerals up
to 8 digits.

**Example:** Pressing \* # 2 8 2222 \* # would change the name of the M Series bluetooth interface to 2222.

## **Bluetooth Use Cases**

iOS Devices	iOS Method	Android Devices	Android Method
Place call from iPhone—speak over M Series phone	Place call from iPhone.     Press Bluetooth key on M Series phone.     Lift handset of M Series phone or use speaker.	Place call from Android—speak over M Series phone	Place call from Android phone.     Press Bluetooth key on M Series phone.     Lift handset of M Series phone or use speaker.
Receive call to iPhone speak over paired M Series phoneset	1. A caller dials guest's iPhone. 2. Both phones ring (iPhone AND M Series). 3. Pick up M Series handset to complete call.	Receive call to Android speak over paired M Series phoneset	1. A caller dials guest's Android phone. 2. Both phones ring (Android AND M Series). 3. Pick up M Series handset to complete call.
Play music over paired iPhone device through M Series speakers	<ol> <li>Pair device by pressing the M Series bluetooth button.</li> <li>In iPhone Settings &gt; Bluetooth select the M Series device number.</li> <li>Play music.</li> </ol>	Play music over paired Android device through M Series speakers	Pair device by pressing the M Series bluetooth button.     In Android Phone Settings > Bluetooth select the M Series device number.     Play music.
Hear iPhone clock alarm on M Series phone	iPhone <b>does not allow</b> for alarm to play over external device	Hear Android clock alarm on M Series phone	<ol> <li>Pair Android device to M Series phone.</li> <li>Both Android and M Series alarms will sound. Android is <i>Master</i> device.</li> </ol>

# Analog Guest Service Key Programming

# STORING A NUMBER INTO MEMORY KEYS OR ONETOUCH KEY

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. Set the Speakerphone in the OFF mode (inactive).
- 2. Press \*#79\*# + number + M(n). Enter the number to be stored using the numeric dial pad (that is, \*#79\*# + 123456 + M1). The phone will generate "Di-Du" sound.
- 3. If additional numbers are to be stored, repeat steps 2 through 3.

# PROGRAMMING FLASH TIMING AND PAUSE TIMING

Flash timing options are 100 mS through 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.

#### **PROGRAMMING FLASH TIMING**

- 1. Set the Speakerphone in the OFF mode (inactive).
- 2. Press \*#78\*# + number (1-0) + Conf.
  The phone will generate "Di-Du" after the setting is complete (that is, \*#78\*# + 9 + Conf Flash = 900 ms).

#### **PROGRAMMING PAUSE TIMING**

- 3. Set the Speakerphone in the OFF mode (inactive).
- 4. Press \*#78\*# + number (1-5) + Redial. The phone will generate "Di-Du" after the setting is complete (that is, \*#78\*# + 5 + Redial – Pause = 5 s).

Note: Use step 2 when programming Flash. Use step 4 when programming Pause.

# **Guest Card Samples**

#### **DEVICE CONNECTION**

- 1. To connect your device, press and hold the BT key for 3 seconds, the Bluetooth LED will blink and the speaker will generate a "toot" prompt tone, on your personal device in Bluetooth settings, you will now see the hotel phone. Select it to get connected and place calls through your cell phone plan and listen to music.
- 2. Only one mobile device can be connected at a time

#### **CALL PLACEMENT**

1. Press the Bluetooth key on the hotel phone while your personal mobile phone is paired to it. You will hear a dial tone through the hotel phone's speaker. You may now dial through the hotel phone OR your cell phone to place a call using the superior speakers or handset of the hotel phone.

#### **PLAY BLUETOOTH AUDIO**

Use your mobile phone's music player as the source.

- 1. Press ▶ II to start/stop the play.
- 3. Press ▶ to decrease the sound volume.
- 4. Press ▶ to select the previous music, press ★ to select the next music.

**Note:** During the play, the Bluetooth LED automatically blinks.

#### **DEVICE CONNECTION**

- To connect your device, press and hold the BT key for 3 seconds, the Bluetooth LED
  will blink and the speaker will generate a "toot" prompt tone, on your personal device
  in Bluetooth settings, you will now see the hotel phone. Select it to get connected and
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#### **PLAY BLUETOOTH AUDIO**

Use your mobile phone's music player as the source.

- 1. Press ▶ II to start/stop the play.
- 3. Press ▶ to decrease the sound volume.
- 4. Press ▶ to select the previous music, press ₩ to select the next music.

Note: During the play, the Bluetooth LED automatically blinks.

#### **DEVICE CONNECTION**

- 1. To connect your device, press and hold the BT key for 3 seconds, the Bluetooth LED will blink and the speaker will generate a "toot" prompt tone, on your personal device in Bluetooth settings, you will now see the hotel phone. Select it to get connected and place calls through your cell phone plan and listen to music.
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Use your mobile phone's music player as the source.

- 1. Press ▶ II to start/stop the play.
- 3. Press ▶ to decrease the sound volume.
- 4. Press ▶ to select the previous music, press ★ to select the next music.

**Note:** During the play, the Bluetooth LED automatically blinks.

# **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.
- 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.
- 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.

RFN·7

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.

# **Technical Specifications**

#### **DIMENSIONS**

5.8" (w) x 8.56" (l) x 3.64" (h)

#### **WEIGHT**

With handset: 3.3 lbs.

# **User Guides**

If additional User Guides are needed, please go to www.teledex.com to download the PDF.

# Service

When problems arise that cannot be resolved using this or related documents, please go to www.teledex.com/support for information about customer support, technical support, warranty, and product returns.

# **Statement of Limited Warranty**

Teledex product warranty information is available at www.teledex.com.



Toll Free: +1.800.462.9446 Tel: +1.719.638.8821

Email: info@teledex.com www.teledex.com

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