

# M Cordless & RediDock Userguide

This package should contain the following:

- Telephone base unit
- Mobile handset
- Printed paper faceplate
- Clear plastic faceplate cover
- Power adapter
- Handset battery

Optional items to be ordered separately:

- Handset package: charging station, power adapter, battery, handset

## Features

- Phone circuit can directly drive hands-free
- Digital wireless/no interference technology
- 10 programmable speed dial keys for storing up to 24 elements (digits and characters such as \*, #, Flash, and Pause)
- Message Waiting Indicator and OneTouch message retrieval key integrated into design
- Handset auto-sync registration
- Each base unit can register up to 4 additional handsets
- Handset battery low-voltage warning
- Message high- and low-voltage detection
- Message for reverse polarity Line 1 or Line 2
- Extension detection function
- 6-ringer option (using the handset numeric keypad 1–6)

## Installation

### CONNECTING THE POWER LINE CORD

Two line cords are provided: one RJ45 and one RJ11.

To install, simply plug one end of the RJ45 cord into the modular jack at the top end of the base unit and the other end into the RJ45 phone jack on the power adaptor. Take the other RJ11 line cord and plug into the line jack on the power adaptor, then

plug the other end into the wall. Finish by plugging the power adaptor into normal wall outlet.

Be sure your power adaptor is specified for your region of the world prior to plugging into the wall socket.

## HANDSET BATTERY

### CHARGING THE HANDSET BATTERY (ON BASE AND CHARGING STATION)

The handset battery is a Ni-MH battery. This battery requires a full charge prior to use to ensure long life. To charge the battery, complete the installation procedure by plugging the power source into the wall outlet and the telephone base or charging station.

Install the battery per instructions, inserting battery plug into receptacle.

Place the battery in the opening in the handset, press into place, then replace cover, and place handset into base (face down) or charging station (face down).

### BATTERY LIFE—WHEN COMPLETELY CHARGED

- **Talk time: 7.5 hours**
- **Standby (handset off hook): 6 days**
- **Charge for 24 hours to ensure a fully charged battery**

### INSTALLING THE BATTERY INTO THE HANDSET

1. Hold the handset and gently push up the handset back shell.
2. Remove the back, exposing the battery compartment.
3. Slide the battery plug into its receptacle, matching up slot and opening on receptacle.
4. Do not force the battery.
5. Press on back end of battery to snap into place.
6. Put the back shell of handset into slot, then press down and snap into place.

## FACEPLATE

To install a faceplate, simply remove the plastic overlay (no tools required) and insert the paper faceplate over the buttons. Then replace the plastic overlay.

## Operation

### VOLUME CONTROL

**Ringer volume control:** The ringer volume is controlled via the “Volume +/-” key.

There are five volume levels. When you have reached the maximum or minimum sound level there will be a warning beep.

### HANDSET VOLUME CONTROLS

The handset volume control increases the volume of the handset.

When the handset is off-hook or the Speaker key engaged on speakerphones, press the Volume Control keys to increase or decrease the volume. The handset volume control is a 5-step operation. All models are hearing aid compatible.

### ON-HOOK AND OFF-HOOK/PICK-UP AND HANG-UP

**Base unit:** To get a dial tone with off-hook status, press a line key or the Speaker key to pick up with speaker. To hang up or go on-hook, press a line or the Speaker key again to hang-up.

**Handset:** Press ON/OFF key in the handset faceplate to pickup or hang-up.

### HOLD

**Base unit and handset:** Controls the “local hold” function. Each press of the [Hold] key toggles the local hold mode On or Off. An LED indicator located above the [Hold] key displays the on-hold status.

### MUTE

The Mute key toggles 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 are 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.

### REDIAL

Redials the last-dialed telephone number, up to 24 digits. After 30 minutes, the redialed number will automatically be removed (for security and privacy).

### MESSAGE

1. The hidden 3-position switch marked TYPE LR1 LR2 configures the message-waiting lamp.
2. For most applications the TYPE position will work. This is the factory default setting. Always try the TYPE position first: If the message lamp blinks when a message is in the mailbox, this confirms that TYPE is the correct setting.
3. For some PBX systems that provide reverse polarity message signaling, it may be necessary to move the switch to either LR1 or LR2. The correct position of the switch will cause the message lamp to be on continuously when a message is in the mailbox.

### PAGE

#### CALL THE HANDSET

Press the base unit's Page key to call the handset and the handset's Message and On/Off indicator lights flash. Press the Page key again (or any key in the handset or place the handset into the cradle) to end the page.

#### REGISTERING A HANDSET

##### *Auto-Sync Handset Registration*

Place the handset into the base unit cradle and make sure the charging leads make contact. The

Line will light up, and the base and the handset will enter Registration mode. When the base and the handset have successfully paired, the phone will beep a Registration confirmation tone.

## **SWITCH BETWEEN BASE AND HANDSET**

If the handset is registered with the base unit, then the handset and base can switch the call freely. To switch from the handset to the base, press the Speaker key in the base unit. Press the ON/OFF key in the handset to switch from base to handset.

## **SWITCH BETWEEN HANDSETS**

Every base unit can register up to 4 additional handsets. If one of the handsets is picking up, any one of the other handsets can pick up the call by pressing the ON/OFF key. The ON/OFF indicator of the other handsets will flash to display the phone is in use.

## **SPEED DIALING FROM THE HANDSET**

The handset can access 6 different speed dial numbers programmed in the base.

The handset buttons are designated as HS6–HS11. Keep in mind that the handset simply mimics the base as far as programming goes. So HSM6 will automatically be the same as M6 (i.e., you only need to program the base).

If the base unit cannot store any number, these operations can only pick up with the handset.

## **CONFERENCE**

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

### **CASE A—USER INITIATES 2 CALLS**

1. Place your call to the first party, then put them on hold by pressing the HOLD key.

2. Using the second line (Line 2), place your call to the second party, then put them on hold by pressing the HOLD key.
3. Activate Conference by pressing the CONF key to join the calls together.

### **CASE B—USER RECEIVES A CALL AND PLACES A SECOND CALL**

1. Receive a call from the first party, then put them on hold by pressing the HOLD key.
2. Using the second line (Line 2), place a call to the second party, then put them on hold by pressing the HOLD key.
3. Activate Conference by pressing the CONF key to join the calls together.

### **CASE C—USER RECEIVES A CALL AND THEN RECEIVES A SECOND CALL**

1. Receive a call from the first party, then put them on hold by pressing the HOLD key.
2. Using the second line (Line 2), place a call to the second party, then put them on hold by pressing the HOLD key.
3. Activate Conference by pressing the CONF key to join the calls together.

## **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 in the cradle to go on-hook and disconnect both parties.

## **USB CHARGING PORTS**

The USB charging ports can charge portable devices (smartphone, tablet etc.) with up to 5v 2.1A. So if your guest has a device capable of fast charging, this unit will do it. Simply plug a USB (Type A) cable into one of the provided ports

and plug the other end (with a USB-mini or micro connector) to your device, and you're set to go.

## Programming

### PROGRAM SPEED DIALS USING SUBMERGED [STORE] AND [FLASH]

[Store] and [Flash] programming keys are located under the faceplate and overlay; begin by lifting up faceplate and overlay, by either a paperclip or sharp pointer.

### STORING A NUMBER INTO MEMORY KEYS—[STORE]

Each speed-dial location can store up to **24** digits in tone mode.

**Note:** *Flash programmed into memory counts as one digit when storing a number.*

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

### PROGRAMMING FLASH TIMING

Flash timing options are 100 ms through 1000 ms, programmable in 100 ms increments. The default Flash timing is 600 ms.

1. Press the STORE key once.
2. Program FLASH by pressing 1 for 100 ms, 2 for 200 ms, etc.
3. Press STORE.
4. Press FLASH.

### PROGRAMMING PAUSE TIMING

Pause timing options are 1 second through 5 seconds, programmable in 1 second increments. The default pause timing is 3.5 seconds.

1. Press the STORE key once.
2. Program Pause by pressing 1 for 1 second, 2 for 2 seconds, etc.
3. Press STORE.
4. Press PAUSE/REDIAL.

### 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. Press the STORE key.
2. Press the FLASH key.
3. Press the STORE key.
4. Press the memory location wherein the FLASH is to be stored.

### MESSAGE WAITING AND RETRIEVAL

Pressing the touch button automatically turns on the speakerphone, and then dials into a user-programmed voicemail system to retrieve messages.

1. Press the STORE key.
2. Enter the number to be stored using the numeric dial pad.
3. Press the STORE key.
4. Press the red Message Waiting bar to store.

## In Case of Power Outage

**The phone base will function without commercial power (but the handset will not operate).**

**Ringer:** When receiving a new call, the phone base will ring, but not the handset.

**Pick up:** Press the Line or Speaker key to pick up.

**Dial:** Under off-hook status the loudspeaker and microphone will receive sound and calls can be placed using the dial pad.

**Hang-up:** After talking, press the Speaker or Line key to hang up.

**Note:** *Without commercial power, the base unit only supports dialing and calling; the indicator lights will fail to light; and Redial, Hold, Flash, Guest Service Keys, and the handset will not operate.*

## 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 placed near

or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

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.

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.

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.**

# 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 68— CC 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.

## **FCC Warning:**

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC Exposure to Radio Frequency (RF) Signals**

### **For Handset**

This is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies. These standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This product has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE 1528.

### **For Base**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **ISED Warning:**

This device complies with ISED licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :



(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device has been tested and compliance with SAR limits, users can obtain Canadian information on RF exposure and compliance

Le présent appareil est conforme. Après examen de ce matériel aux limites DAS et/ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquiescer

## **ISED Specific Absorption Rate (SAR) information**

### **For Handset**

SAR tests are conducted using standard operating positions accepted by the ISED with device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model device is available for sale to the public, it must be tested and certified to the ISED that it does not exceed the exposure limit established by the ISED, tests for each device are performed in positions and locations as required by the ISED. For body worn operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

### **For Base**

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **ISED Radiation Exposure Statement:**

### **For Handset**

SAR l'utilisation des règles sur l'emplacement Le matériel de transmission et fonctionnant dans tous les essais à la certification, même si la puissance maximale a été décidée le niveau, utilisation spécifique peut être très en deçà de la valeur de référence maximale. Types de matériel sont vendus au public un ancien, d'essai et de certification de l'exposition, limite maximum sur, chaque document et l'emplacement du matériel d'essai et conformément au document. Le modèle en physique, matériel d'essai et conforme aux directives d'exposition des radiofréquences sur quand une annexe désigné pour ce produit lors de leur utilisation ou des pièces de rechange ne contiennent pas de métal.

### **For Base**

Cet équipement est conforme aux limites d'exposition aux radiations ISED définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

Cet émetteur ne doit pas être situé ou fonctionner conjointement avec une autre antenne ou un autre émetteur.

# Technical Specifications

## WEIGHT

With handset: 3.3 lbs .

## User Guides

If additional User Guides are needed, please go to [www.teledex.com](http://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](http://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](http://www.teledex.com).

Toll Free: +1.800.462.9446

Tel: +1.719.638.8821

Email: [info@teledex.com](mailto:info@teledex.com)

[www.teledex.com](http://www.teledex.com)