APPENDIX H

: USER'S MANUAL

EUT Type: RF Remote controller

FCC ID.: OZ5URCMXHPR500

MXHomePro™

MXHP-R500
Remote Control
Owner's Manual v. 1.0

MX-HomePro MXHP-R500 Owner's Manual

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Congratulations!

Thank you for purchasing the MXHP-R500 Wi-Fi based remote for your MX-HomePro system. This remote offers live two-way on all of the smart devices throughout the home or small office space. Controlling and monitoring the home's devices is as simple as a click on the remote.

Features and Benefits

The MX-HomePro remote is designed to be the perfect *companion* to any TV room or bedroom night table. Enjoy the following features:

- **Quick Connect Wi-Fi**
  When picked up, the remote automatically connects to Wi-Fi within moments to control the home audio/video system and devices.

- **Two-way Meta-data Feedback**
  Experience real-time two-way feedback right on the remote's LCD screen when used with compatible Z-Wave smart devices. Enjoy this same feedback when used with URC's ever-expanding list of 3rd party products.

- **Pick-up Sensor**
  Lifting the remote immediately wakes it up and turns on the LCD screen. It quickly connects to Wi-Fi allowing the user to control their MX-HomePro system instantly.

- **Rechargeable Lithium Polymer Battery**
  Save money and protect the environment buy using the included micro USB charger and rechargeable battery.

Parts List

Included in the MXHP-R500 box:
  ❑ MXHP-R500 Wi-Fi remote
  ❑ AC Power Adapter
  ❑ Rechargeable Lithium Polymer Battery

Before Getting Started

Prior to installing an MX-HomePro system, there are a few things to remember:

- MX-HomePro systems are designed for use on the home's **local network**. The hub can be connected to the home network through an Ethernet cable or wirelessly using Wi-Fi.

- Adding a **TRF-ZW Z-Wave gateway** gives the MX-HomePro system access to control the home's Z-Wave devices such as locks, thermostats, lighting, cameras, and scenes.

- Programing is performed via the web page MX-HomePro Editor portal. The smart home professional must log into this web portal in order to program all applicable MX-HomePro devices. Further enhancements may be added, for all inquiries please contract URC Technical Support.

- This remote communicates exclusively through Wi-Fi using the following signals b/g/n*
  Note: Only works with n 2.4 GHz

Connecting the Lithium Polymer Battery

When getting ready to add the remote to the system or replacing a battery, follow these steps:

1. Press the spring lock down to open the remote cover.

2. Place the battery (included) into the compartment making sure to align the contacts on the battery and the remote.

3. Replace the cover.

Using the Micro USB Charger

Plug the micro USB charger into a power outlet and into the bottom of the remote. There is no harm in leaving the remote plugged in and charging while it is not in use.

Using the MXHP-R500 (Remote)

The **Home** menu pages display all the programmed activities and devices within the MX-HomePro system. To navigate to this, simply press the **Home** button and use the **Up** and **Down** buttons to move throughout the menu.

Press any button adjacent to the screen to select an activity or device. Press the **Home** button to return to the previous page and select a new device or activity.

The **Volume** and **Mute** buttons are **always** available regardless of what screen is being displayed.

The **Home** button always displays the Home menu pages.

The **Up** and **Down** buttons are used to **navigate** through a menu screen.

Displaying the Settings Screen

Entering the Settings menu is accomplished by pressing and holding the **Home** and **Enter** (ENT) buttons simultaneously for **three** seconds (view right).

Use the **Up** and **Down** buttons to **navigate** between items on the Settings menu. To select, press the button on the side of the LCD screen or the **Select** (SEL) button when the item is highlighted.

To go back a step or get out of the Settings menu, press **Home**.

Shown below is an expanded view of the MXHP-R500's Settings menu
Note: not all options on this image are available on the screen at once.

Up and **Down** navigation buttons reveal the entire list on the Settings screen.

Settings Menu

The following sections covers essential sub-menus within the Settings menu:

Network Settings

This menu displays the network information about the MXHP-R500 and the network it is connected to.

From this screen scan for different Wi-Fi networks, select a network to connect to, and enter any custom settings (see MX-HomePro Installation Guide).

Base Station (Hub) Setup

This menu displays all of the hubs that are currently connected to the network. Remember, hubs are identified by their Wired MAC Address. This can be found on the underside of a hub (refer to MX-HomePro MXHP-H500 Owner's Manual).

Selecting a hub results in the following screen (see right) that allows the viewing of it's settings.
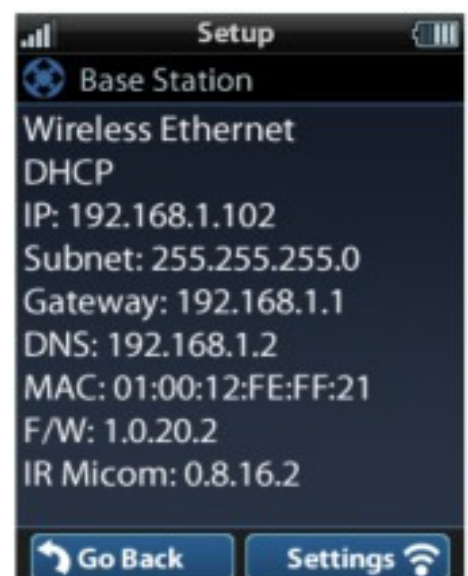
MX-HomePro MXHP-R500 (Remote)

TRF-ZW Z-Wave Accessory
Account Info

When using smart home devices that use Z-Wave, it is necessary to log the Accessory Account info onto the remote (see MX-HomePro Installation Guide):

The **Accessory Account** info item allows the entry of a URC TRF-ZW account **username** and **password**.

The screens below show how this looks when the Accessory Account information has been entered and verified.

> **Contact your smart home professional installer to acquire a Z-Wave home lighting, comfort and security products for use with your MX-HomePro system.**

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Sleep Timer
This setting item allows the user to adjust the amount of time the **LCD remains On** when not in use.

The time can be set **independently** based on whether the remote is using **battery power** or is connected to the **charger**.
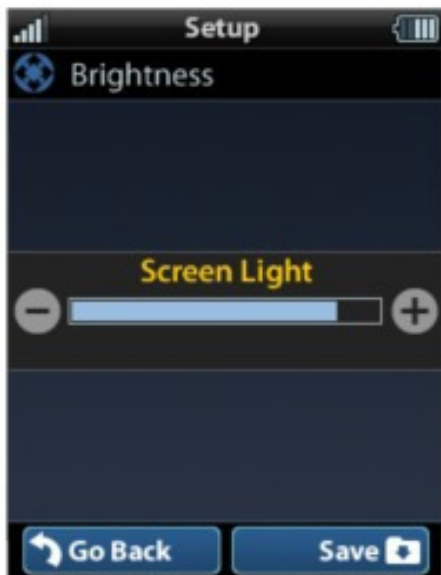

Selecting an item on this screen allows for the **setting** of each Sleep Timer **value**.

Once the Sleet Timers are adjusted, press **Save**. The **Go Back** button returns to the remote's last saved setting.

MX-HomePro MXHP-R500 (Remote)

Brightness
This item allows the user to adjust the brightness of the LCD screen's backlight.

Use the **"-"** and **"+"** buttons to **decrease** or **increase** the LCD's brightness.

Once complete, press **Save**. Pressing **Go Back** button returns to the remote's last saved setting.

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System

This menu displays data about the remote's operating system, memory, and other information.

Press the **More** button to view further system information or press **Go Back** to exit back to the previous menu.

MX-HomePro MXHP-R500 (Remote)

Power

Displays the remaining battery level of the remote.
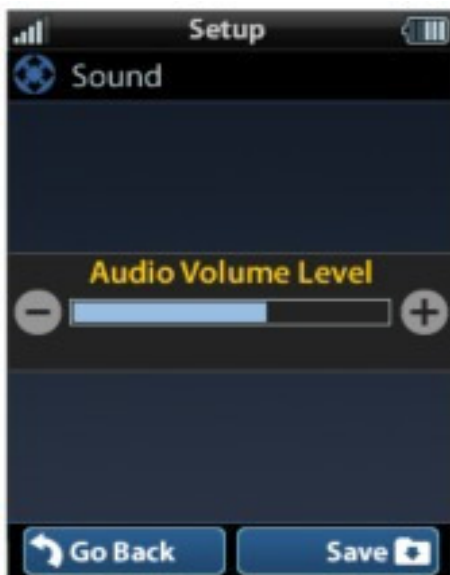

The low battery warning message can be adjusted from this section. Adjust the battery percentage using the **"-"** and **"+"** buttons to do so.

Once adjusted, press **Save**. Pressing **Go back** reverts to the remote's last saved setting.

MX-HomePro MXHP-R500 (Remote)

Sound

Through this menu, adjusting the sound on button presses can be changed.

Press the adjacent hard buttons to **increase** or **decease** the button volume.

Once adjusted, press the **Save** button. Pressing the **Go Back** button returns to the remote's last saved setting.

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Pickup

This menu allows the user to adjust the sensitivity of the remote when reacting to being picked up.
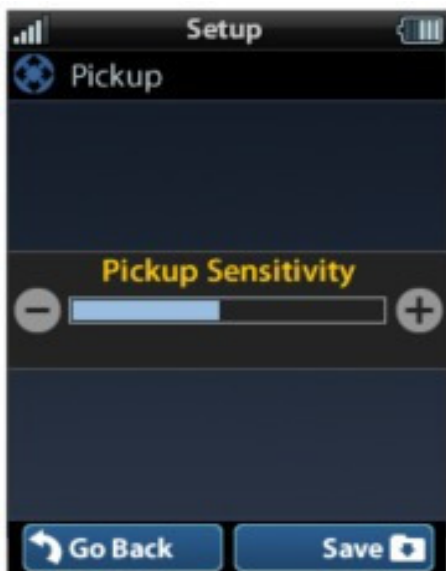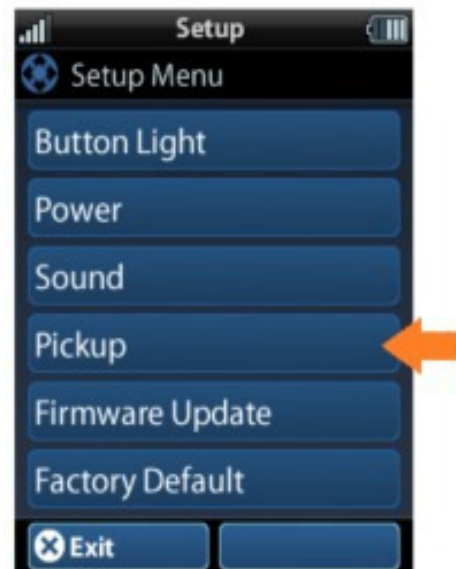
Increase or decrease the sensitivity using the **"-"** and **"+"** buttons.

Once adjusted, press the **Save** button. Pressing the **Go Back** button returns to the remote's last saved setting.

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Firmware Update
Selecting this makes the remote **search** for any **firmware** updates.

If a firmware update is available this screen appears. Select **Yes** to begin updating the firmware.

Otherwise, select **No** to return to the previous scree.

When the firmware updates successfully, this screen is shown as confirmation.

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Factory Default
WARNING!
Selecting this option returns the MXHP-R500 to its factory default settings. All programming is lost and the system requires re-programming.

Selecting **Yes** started the factory reset process. This should only be done when instructed by URC Technical Support or by the smart home professional installer.

Selecting **No** returns the use to the previous screen.

Exit
When completed with adjusting any user settings, select **Exit** to return to normal operation.

MX-HomePro MXHP-R500 (Remote)

MX-HomePro Editor

To begin programming the system, log into the MX-HomePro Editor via:

www.mxhomepro.com

See the MX-HomePro Programming guide for more details.

Specifications	
LCD:	2" (240x320) LCD backlight by LED
Devices:	Supports up to 255 devices with text, less with heavy graphics
Usage Pages:	Supports up to 255 pages on each device with text, less with heavy graphics.
Macro Capability:	Up to 255 steps each; however, nesting is allowed.
Wi-Fi:	IEEE 802.11 b/g/n (2.4GHz)
Battery:	Lithium polymer, 1,960mAh
Battery Charging Time:	5 hours
Size:	8.66"H x 2.04"W x 1.19"D
Battery Warranty:	90 days

MX-HomePro MXHP-R500 (Remote)

[Limited Warranty Statement](#)

Click on the section title above to read the full terms and conditions of the Limited Warranty Statement. Also available publicly on the URC home page.

[End User Agreement](#)

Click on the section title above to read the full terms and conditions of the End User Agreement. Also available publicly on the URC home page.

[Federal Communication Commission Interference Statement](#)

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 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.

Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

MX-HomePro MXHP-R500 (Remote)

FCC Caution

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communication Commissions (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.