



APPENDIX I
: USER'S MANUAL

MXW-920

Owner's Manual



MXW-920 Owner's Manual ©2011 URC, Inc.

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500 Mamaroneck Avenue, Harrison, NY 10528
Phone: (914) 835-4484 Fax: (914) 835-4532

TABLE OF CONTENTS

Congratulations!	1
Using the MXW-920	2
Displaying the Settings Screen	3
Selecting from the Setup Screen	3
Setting the LCD	4
Light Settings	6
Sound Volume	6
System Settings	7
Version Information Displays	7
Battery Installation	8
Specifications	8
USA Limited Warranty Statement	9
Federal Communication Commission	
Interference Statement	11

Congratulations!

Thank you for purchasing the Complete Control MXW-920 water resistant wand-style controller. This unit can directly control every IR device in your home. You can also control devices located in different rooms by integrating an MRF base station. Controlling your home is simple with the MXW-920 remote.

Splash Proof RF/IR wand-style controller

The Splash Proof MXW-920 wand-style controller can be used outside as well as indoors. It's the perfect controller for kitchen, bath and poolside use. It is not intended for underwater use or exposure to sugar-based substances (e.g., soda or lemonade). Make sure the MXW-920 is dry when changing batteries. IP Code 54, JIS Class 4.

Ideally suited for poolside control

Entertain your guests by controlling your sound system or more while poolside. Use the MXW-920 by the pool without the worry of damaging your remote.

Controls up to 40 devices

The MXW-920 has the capacity to control up to 40 devices throughout your home. Turn off devices that are not in use when walking by a room. It's like having a master key for your electronic devices.

Ultra-reliable narrow band RF - compatible with URC 418 MHz RF Base Stations

The MXW-920 can communicate directly to RF base stations, such as the MRF-350 and the MRF-260. It also natively communicates with to URC Lighting via 418MHz RF. This gives the MXW-920 the ability to control your system without being in direct line-of-sight.

Fast setup of complex systems via Complete Control PC editor

To fully automate an audio/video system, and integrate two way automation of servers etc., the programmer must have a detailed knowledge of each component, LAN configuration, WiFi optimization and how the system is connected and operated. Only a trained and certified professional audio/video installer can install an MXW-920 remote control in a timely and efficient manner.

Using the MXW-920

The MXW-920 displays the title (Main or Device) at the top of the screen. Below the title, the LCD displays the device or command names. All the hard buttons of the MXW-920 are changed to control the functions of the selected device.

The **Title** displays the main page or device you can control.

Press either of the **Page** buttons to see any other available choices.

The **Volume** and **Mute** buttons always control the sound regardless of what screen is displayed.

The **Transport buttons** (Play, Stop, Skip-, Skip+, FF, REW and Pause) operate when the selected device requires them. When watching Cable TV, use the number keypad to enter channel numbers. When listening to a CD, the number keypad enters track numbers.



The **LCD button labels** describe special features for this activity.

The **Channel** and **Previous Channel** buttons change channels when you have selected devices like CABLE.

The **4 way cursor** buttons enable you to navigate on screen guides and menus with ease.

The **Light** button backlights all of the buttons.

The **Number keypad** enters numbers for the devices you've selected. When watching Cable TV, use the number keypad to enter channel numbers. When listening to a CD, the number keypad enters track numbers.

Displaying the Settings Screen

You can adjust the settings of the MXW-920 controller whenever you like. Simply press and hold both the **Main** and the **Enter** buttons at the same time for three seconds. The screen displays the Setup screen. If you do not press any button on the Setup screen within 30 seconds, the MXW-920 times out and automatically returns to normal operation. You can return to normal operation before that by pressing the **Main** button.

At the same time, press and hold both the **Main** button and the **Enter** button. When the Setup screen appears, you can release the two buttons.



Selecting from the Setup Screen

Simply touch the button for the setting you'd like to adjust:



- LCD** - The appearance of the screen.
- Light** - What the light button does.
- Sound** - The volume of the beeps.
- System** - The battery low warning.
- Version** - No adjustments are possible.
Displays factory info.

Setting the LCD

With these settings, you can set the MXW-920 to constantly display the LCD or show a blank screen when not in use. Additionally, you can control the contrast of the screen and the color of the backlighting.



To activate the **LCD On/Off** setting, press this button. See below.

To activate the **Contrast** setting, press this button. See the next page.

To activate the **Brightness** setting, press this button. See the next page.

To exit without saving any changes you have made, press **Exit**.



LCD Timer Setting:

If you set the **LCD** to OFF, the timer settings appear. The LCD goes blank after the set amount of time you set here by adjusting the **Left** and **Right** arrow keys.

The timer can be set to turn off the LCD between 10 seconds and 20 minutes.

The Timer Interval is displayed here.

To save any changes you have made, press **Save**.

To exit without saving any changes you have made, press **Exit**.

To change the timer interval, press the **Left** or **Right** arrow keys.

Setting LCD Contrast

You can adjust the contrast of the LCD screen using the **Left** and **Right** arrow keys once the LCD Contrast screen has been selected (shown on the previous page).



The current contrast is displayed here via a bar graph.

To save any changes you have made, press **Save**.

To exit without saving any changes you have made, press **Exit**.

Adjust the **Contrast** setting with the **Left** and **Right** keys as shown in the previous pages.

Setting LCD Brightness

You can adjust the brightness of the LCD screen using the **Left** and **Right** arrow keys once the LCD Brightness screen has been selected (shown on the previous page).



The current brightness is displayed here as a bar graph.

To save any changes you have made, press **Save**.

To exit without saving any changes you have made, press **Exit**.

Adjust the LCD brightness with the **Left** and **Right** keys as shown in the previous pages.

Light Settings

You can adjust the backlighting of the remote in two additional ways:

1. You can turn on/off the LCD and the hard button backlighting.
2. You can select the length of time the lighting stays on after the last button press from a range of values between 10 seconds and 90 seconds.



Change whether the backlighting is on or off by pressing this button.

If you want the backlighting always off, set it to **OFF**.

If you would like the backlighting on, select **ON**.

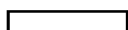
The current timer setting is displayed here in seconds.


Adjust the backlighting timer setting with the **Left** and **Right** keys as shown in the previous pages.

Sound Volume

Your MXW-920 beeps whenever a button is pressed. However, you can adjust the volume of the beep to one of four levels as shown here



 OFF

 SLIGHT BEEP

 MODERATE BEEP

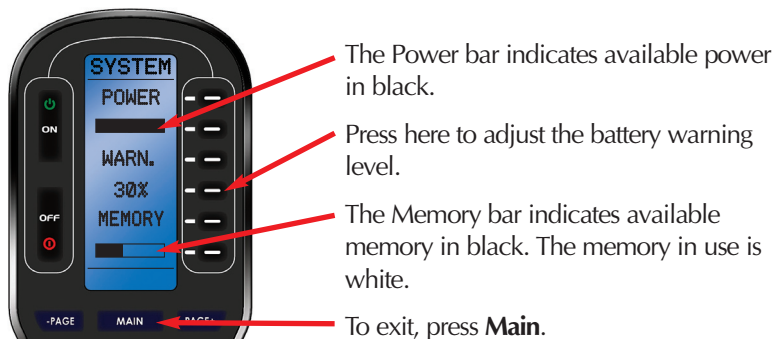
 LOUDEST BEEP

The current Beep volume is displayed here as a "bar."

Adjust the volume of the beep by tapping the **left** and **right** arrow keys as shown in the previous pages.

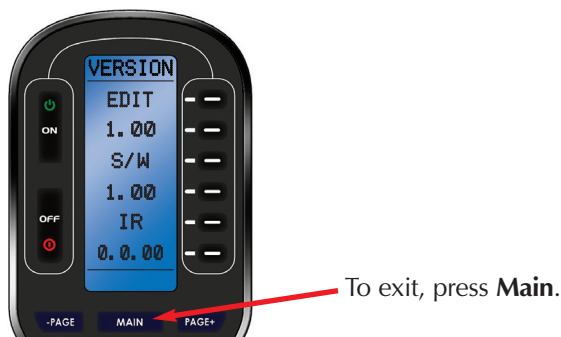
System Settings

You can set your MXW-920 to display the Low Battery warning at a power level between 0% and 20% (in 5% increments).



Version Information Displays

Should you be curious, the Version indicates what firmware and software versions were used to program your MXW-920.



Battery Installation

Open the battery cover by pressing the release and pulling back the cover on the back of the control. Remove the cover. Observe the + and - polarity indications inside the battery compartment. Place the four AAA batteries into their positions in the battery compartment observing the + and - polarity indicators on the batteries. Now, replace the battery cover by inserting the hinged end in first, then snapping the cover back into place.

Specifications

Memory: 4 Megabits of Flash Memory (for User Configuration)

Devices: Flexible, typically can support up to 40 Devices

Pages: Flexible, typically can support up to 40 Pages on each Device

Learning Capability: Standard frequencies (15kHz to 460kHz)

Macro Capability: Up to 255 steps each, however nesting is allowed

IR Range (Line of Sight via Infrared): 30-50 feet, depending on the environment

RF Range (radio frequency): 50 to 100 feet, depending upon the environment

RF Frequency: 418MHz

Weight: 5.68 ounces (without batteries)

Size: 8.9" H x 2.34" W x 1.1" D

Batteries: 4 AAA Batteries

USA Limited Warranty Statement

Your Universal Remote Control, when delivered to you in new condition, is warranted against defects in materials or workmanship as follows: UNIVERSAL REMOTE CONTROL, INC. warrants this product against defects in material or workmanship for a period of one (1) year and as set forth below. Universal Remote Control will, at its sole option, repair the product using new or comparable rebuilt parts, or exchange the product for a comparable new or rebuilt product. In the event of a defect, these are your exclusive remedies.

This Limited Warranty covers only the hardware components pack-aged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty.

To obtain warranty service, you must deliver the product, freight prepaid, in its original packaging or packaging affording adequate protection to Universal Remote Control at the address provided in the Owner's Manual. **It is your responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into your unit. It is likely that such data, software, or other materials will be lost during service and Universal Remote Control will not be responsible for any such damage or loss.** A dated purchase receipt, Bill of Sale, Installation Contract or other verifiable Proof of Purchase is required. For product support and other important information visit Universal Remote Control's website: <http://www.UniversalRemote.com> or call the Customer Service Center (914) 835-4484.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the Universal Remote Control product. This Limited Warranty does not cover Universal Remote Control products sold as USED, AS IS, REFURBISHED, so-called "B STOCK" or consumables (such as batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States of America. **This Limited Warranty specifically excludes products sold by unauthorized resellers.**

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REV020708

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.

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, 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 authority to operate equipment.



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www.universalremote.com