



# RR2 Player User Guide



Version: 1.31

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# Introduction

The RR2 player delivers one or two channels of custom, licensed content for background music, business messaging, and music on-hold services. The RR2 features ultra-low power consumption and industrial-grade reliability. It is designed for extremely quiet operation and is compact in size for space-constrained environments.

## Specifications

- Small form factor plastic chassis for space-constrained applications
- RCA audio ports for stereo or dual-mono output
- Internal speaker for monitoring or testing playback
- Gigabit Ethernet for wired networking
- Wi-Fi (A/B/G/N) with external antenna
- 9V DC power adapter
- 192 x 64 pixel LCD screen for settings and status
- Six front-mounted buttons for setup and control
- Fanless design for near-silent operation with minimal maintenance
- Dimensions: 160mm x 95mm x 55mm

# Package Contents

ITEM	QTY	DESCRIPTION
1	1	RR2 Media Player
2	1	10' Ethernet Cable
3	1	6' RCA Audio Cable
4	1	AC Power Adapter
5	1	Wi-Fi Antenna



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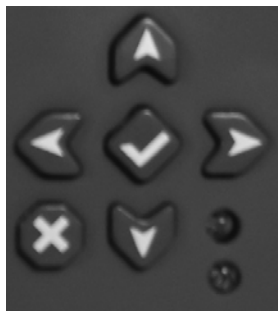









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# Controls

The player's front panel buttons and screen are used to control and monitor various player settings. These buttons are used to change the player's network settings, connect the player to a Wi-Fi network, change the playback settings, and perform diagnostics.

Note that the functions are permission based, so you may not be able to access all your player's functions.



Button	Description
	Up
	Down
	Left
	Right
	Accept
	Cancel
	Indicator LED's Top light is power indicator and bottom light is HDD indicator.

# Setup Instructions



1. CONNECT THE WI-FI ANTENNA by holding the threaded end and screwing it clockwise onto the “WIFI” connector on the back of the player. Bend the antenna 90<sup>0</sup> at its hinged joint, and rotate the antenna (if necessary) so that the tip is pointing straight up.

2. CONNECT THE RCA AUDIO CABLE to the player by pushing the white plug into the white jack labeled “L” and the red plug into the red jack labeled “R”.

CONNECT THE OTHER END OF THE RCA AUDIO CABLE to your equipment as follows:

	For Single Channel P.A.* (Mono or Stereo)	For On-Hold Music Only	For On-Hold Music & Mono P.A.
White Plug	To P.A. Amp Input L	To On-Hold Input**	To On-Hold Input**
Red Plug	To P.A. Amp Input R	Not Used	To P.A. Amp Input

\* P.A. Amp refers to the Public Address Amplifier which powers the in-store speakers.

\*\* Your On-Hold Music System will require an audio adapter if it doesn’t have an RCA-type input.

3. CONNECT THE POWER ADAPTER by plugging one end into the “Power” jack on the back of the player and the other end into a power outlet.

4. TURN THE PLAYER ON by placing the “ON/OFF” power switch on the back of the player in the “ON” position.

5. You should see “Preparing licensed music Please wait...” on the screen. You may have to wait several minutes until you see the next screen which displays the date and time on the top line and information on Zone 1 and Zone 2 below that.

## **MAIN MENU:**

To access the MAIN MENU Press the ACCEPT (CHECKMARK) key.

The actual contents of the menu may be different based on user permissions and firmware versions. As the player receives updates, new menu items may be added. Below is a list of some of the typical menu items and their description.

### **AUDIO SETTINGS**

Song Volume: Raise or Lower Music Volume

Message Volume: Raise or Lower Message Volume

Mono Mode: Enable or Disable Mono Mode

### **INTERNAL SPEAKER SETTINGS**

Current Volume: Raise or Lower Volume of Internal Speakers

Muted: Mute or Unmute Internal Speakers

### **NETWORK SETTINGS**

IP Configuration: View / Change IP Settings

Proxy Configuration: Configure Proxy Settings

WiFi Status / Settings: Select or Configure Wireless Network

### **DIAGNOSTICS**

Manually Set Date / Time: Enter Current Date and Time Manually

Recent Tracks: Recently Played Songs

Recent Reboot Information: Record of times Player has been Rebooted

Network Connection Report: Test / View Network Connection

Force Check In: Force player to check in with Retail Radio servers

Software Status Report: View Current Software Load

**REBOOT:** Reboots Player

## AUDIO SETTINGS:

This allows you to adjust the relative volumes of songs and messages to achieve the desired audio levels.

1. Access MAIN MENU
2. Press ARROW DOWN (if necessary) until "Audio Settings" is highlighted
3. Press "ACCEPT" key
4. Press ARROW UP/DOWN keys to highlight the type of volume ("Song Volume," "Message Volume" or "Sweeper Volume") you wish to change
5. Press "ACCEPT" key
6. Use the directional arrow keys to enter a new volume setting between 0 and 200. Use the LEFT/RIGHT arrow keys to move your cursor sideways; use the UP/DOWN arrow keys to raise or lower volume setting
7. Press "ACCEPT" key

**Mono Mode:** Enable or Disable Mono Mode. When playing a single channel, this setting allows you to choose Mono or stereo output. If "enabled" both Red and White output the same Mono signal. This should be "enabled" if using an amplifier with a mono input.

## INTERNAL SPEAKER SETTINGS

This is a tool that can be used to determine if the player is currently playing music.

1. Access MAIN MENU
2. Press ARROW DOWN until "Internal Speaker Settings" is highlighted
3. Press "ACCEPT" key
4. Highlight "MUTED" and press "ACCEPT" key to mute/unmute speakers
5. Highlight "CURRENT VOLUME" and use LEFT/RIGHT keys to Raise or Lower volume
6. Highlight "BACK" and press "ACCEPT" key

## NETWORK SETTINGS:

**IP Configuration:** Use the ARROW UP/DOWN to highlight the Setting you want to change and press the "ACCEPT" key.

**Static IP:** Use ARROW UP/DOWN to manually set Static IP Address, press "ACCEPT" key.

**Static Gateway:** Use ARROW UP/DOWN to manually set Static Gateway, press "ACCEPT" key.

**Static Netmask:** Use ARROW UP/DOWN to manually set Static Netmask, press "ACCEPT" key.

**DNS:** Use ARROW UP/DOWN to manually set DNS, press "ACCEPT" key.

**Auto Time Sync:** Press "ACCEPT" key to Enable/Disable Auto Time Sync

**Timeserver (1 and 2):** Press the "ACCEPT" key to enter the setting page. Use the arrow keys to enter your timeserver destination (remember these are Case-Sensitive) by



highlighting the first character and then pressing the ACCEPT key. Next, highlight the second character and then press the ACCEPT key again. Repeat until you have entered the complete destination. When done, highlight "OK" and press the ACCEPT key.

Link Rate: Press the "ACCEPT" key to enter the setting page. Use the ARROW UP/DOWN keys to highlight the correct setting and press the "ACCEPT" key.

DHCP Fallback: Press "ACCEPT" key to Enable/Disable DHCP Fallback

## **Proxy Configuration:**

Use the ARROW UP/DOWN to highlight the Setting you want to change and press the "ACCEPT" key.

Proxy Check In: Press "ACCEPT" key to Enable/Disable Proxy Check In

Address: Press the "ACCEPT" key to enter the setting page. Use the arrow keys to enter your Address (remember these are Case-Sensitive) by highlighting the first character and then pressing the ACCEPT key. Next, highlight the second character and then press the ACCEPT key again. Repeat until you have entered the complete destination. When done, highlight "OK" and press the ACCEPT key.

Port: Use ARROW UP/DOWN to manually set Port, press "ACCEPT" key.

Type: Press the "ACCEPT" key to enter the setting page. Use the ARROW UP/DOWN keys to highlight the correct setting and press the "ACCEPT" key.

Username: Press the "ACCEPT" key to enter the setting page. Use the arrow keys to enter your Username (remember these are Case-Sensitive) by highlighting the first character and then pressing the ACCEPT key. Next, highlight the second character and then press the ACCEPT key again. Repeat until you have entered the complete destination. When done, highlight "OK" and press the ACCEPT key.

Password: Press the "ACCEPT" key to enter the setting page. Use the arrow keys to enter your Password (remember these are Case-Sensitive) by highlighting the first character and then pressing the ACCEPT key. Next, highlight the second character and then press the ACCEPT key again. Repeat until you have entered the complete destination. When done, highlight "OK" and press the ACCEPT key.

## WiFi Status/Configuration:

### View or Edit your WiFi Settings:

#### CONFIGURE PLAYER FOR WIRELESS CONNECTION

1. Access MAIN MENU
2. Press ARROW DOWN until "Network Settings" is highlighted
3. Press ACCEPT key
4. Press ARROW DOWN until "Wi-Fi Status / Settings" is highlighted.
5. Press the ACCEPT key.
6. Press ARROW RIGHT once so that "Edit" is highlighted.
7. Press the ACCEPT key.
8. If the name of your Wi-Fi network is highlighted, press the ACCEPT key. If it is not highlighted, press ARROW DOWN until it is and then presses the ACCEPT key.

**IF YOU ARE USING AN OPEN NETWORK WITH NO PASSWORD, GO TO STEP 9.**

**IF YOU ARE USING A SECURE NETWORK WITH A PASSWORD, GO TO STEP 10.**

9. If "Security Type" displays "Open (No Security)", press ARROW DOWN and, if necessary, press ARROW RIGHT so that "Confirm" is highlighted. Then press the ACCEPT key. GO TO STEP 13.
10. If "Security Type" displays "Auto-Detect security", press ARROW DOWN so that "Pre-shared Key: xxxx" is highlighted. Then press the ACCEPT key.
11. Use the arrow keys to enter your Wi-Fi network password (remember these are Case-Sensitive) by highlighting the first character and then pressing the ACCEPT key. Next, highlight the second character and then press the ACCEPT key again. Repeat until you have entered the complete password. When done, highlight "OK" and press the ACCEPT key.
12. Press ARROW DOWN and, if necessary, press ARROW RIGHT so that "Confirm" is highlighted. Then press the ACCEPT key.
13. Player will change from "Disconnected" to "Connected" and finally show an IP Address. Press the CANCEL (X) key once to see your player's Wi-Fi status.

#### CONFIGURE PLAYER FOR WIRED CONNECTION

1. Attach ETHERNET CABLE to back of player and connect to your ROUTER / SWITCH
2. Player should Automatically connect and display IP Address
3. If Player doesn't connect within a few minutes go to MAIN MENU and select REBOOT. Player should connect upon reboot.

**NOTE: If you have an Ethernet Cable connected WiFi will be disabled**

## DIAGNOSTICS

Manually Set Date / Time: Use the ARROW UP/DOWN to enter current date and time manually.

Recent Tracks: Press the “ACCEPT” key to view recently played songs.

Recent Reboot Information: Press the “ACCEPT” key to view record of times player has been rebooted.

Network Connection Report: Press the “ACCEPT” key to Test / View Network Connection status.

Force Check In: Press the “ACCEPT” key to force player to check in with Retail Radio servers.

Software Status Report: Press the “ACCEPT” key to view Current Software Load.

## REBOOT

Press the “ACCEPT” key to reboot the player.

**Warning:** Changes or modifications to this unit 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.

“This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.”