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## RETROSUN RAV491

# RETROSUN Replacement Remote Control Instruction Manual

For Yamaha RAV491, RAV494, HTR-4066, RX-V475 Audio Receivers

## 1. INTRODUCTION

This document provides comprehensive instructions for the RETROSUN replacement remote control. This remote is designed to function as a direct replacement for the original Yamaha RAV491 remote control and is compatible with various Yamaha audio receiver models, including RAV491, RAV494, HTR-4066, and RX-V475. No programming is required for its use.

## 2. PRODUCT OVERVIEW

The RETROSUN replacement remote control is designed for ease of use and direct compatibility. It features a layout similar to the original Yamaha RAV491 remote, ensuring a familiar user experience. The buttons are constructed from soft silicone for tactile feedback.



Image: Front and back view of the RETROSUN replacement remote control. The front displays various function buttons for audio and video control, while the back shows the battery compartment.



Image: A close-up of the remote control's navigation and volume buttons, emphasizing the ABS environmental protection material and soft silicone button construction.

### 3. SETUP

#### 3.1 Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Slide the battery compartment cover downwards or outwards to open it.
3. Insert two (2) AAA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover by sliding it back into position until it clicks securely.

The remote control is now ready for use. No additional programming or pairing is required.

### 4. OPERATING INSTRUCTIONS

This remote control operates using infrared (IR) technology. Ensure a clear line of sight between the remote control and your Yamaha audio receiver for optimal performance. The operational distance is approximately 8 meters (26 feet).



Image: The remote control positioned in front of a television, indicating an operational distance of 8 meters and highlighting that no setup is required for direct use.

#### 4.1 Basic Functions

- **Power (SOURCE/RECEIVER):** Use the 'SOURCE' button to power on/off connected devices and 'RECEIVER' to power on/off the audio receiver.
- **Input Selection (HDMI, AV, AUDIO, USB):** Press the corresponding buttons to select the desired input source.
- **Volume Control (+/-):** Adjust the audio output level.
- **Mute:** Temporarily silence the audio output.
- **Navigation (Arrow buttons, ENTER):** Use these buttons to navigate menus and confirm selections on your receiver's display.
- **Tuner (FM, AM, PRESET, TUNING):** Control radio functions.
- **Scene Buttons (BD/DVD, TV, CD, RADIO):** Quickly switch to pre-configured scene settings on your receiver.



Image: A hand holding the remote control, illustrating how it is typically gripped and used to operate an audio system in a living room setting.

## 5. MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace batteries when the remote's response becomes sluggish or stops functioning. Always replace both batteries simultaneously with new ones of the same type.
- **Storage:** Store the remote control in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Drops:** Protect the remote from physical impact to prevent damage.

## 6. TROUBLESHOOTING

### 6.1 Remote Not Responding

- **Check Batteries:** Ensure batteries are inserted correctly with the correct polarity. Replace old batteries with new AAA batteries.
- **Line of Sight:** Verify there are no obstructions between the remote control and the infrared sensor on your audio receiver.
- **Distance:** Ensure you are within the operational range of approximately 8 meters (26 feet).
- **Receiver Power:** Confirm that your Yamaha audio receiver is powered on.

### 6.2 Specific Functions Not Working

- **Button Malfunction:** If only certain buttons are unresponsive, gently press them multiple times. If the issue persists, the remote may require replacement.
- **Receiver Settings:** Ensure the audio receiver's settings are configured correctly for the desired function (e.g., correct input selected).

## 7. SPECIFICATIONS

Feature	Detail
Model Number	RAV491 (Replacement)
Compatibility	Yamaha RAV491, RAV494, HTR-4066, RX-V475 Audio Receivers
Power Source	2 x AAA Batteries (not included)
Connectivity Technology	Infrared (IR)
Operational Distance	Up to 8 meters (26 feet)
Dimensions (L x W x H)	8.82 x 2.4 x 0.94 inches (approx. 22.4 x 6.1 x 2.4 cm)
Item Weight	3.1 ounces (approx. 88 grams)
Material	ABS with soft silicone buttons



Image: A diagram illustrating the approximate dimensions of the remote control: 21cm in length, 2cm in thickness, and 5cm in width.

## 8. WARRANTY AND SUPPORT

For any questions or assistance regarding your RETROSUN replacement remote control, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific warranty details and contact information. Support is typically available to address product inquiries and resolve issues.