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## COOLMUSIC A-RV02

# COOLMUSIC A-RV02 Multi-Effects Digital Guitar Pedal User Manual

Model: A-RV02



## 1. INTRODUCTION

This manual provides detailed instructions for the COOLMUSIC A-RV02 Multi-Effects Digital Guitar Pedal. This device is designed to enhance your guitar sound with a variety of digital effects, featuring true bypass circuitry for transparent tone when disengaged. Please read this manual thoroughly before use to ensure proper operation and longevity of your pedal.

## 2. KEY FEATURES

- **16 Digital Effects:** Includes Delay 1, Delay 2, Echo, Stadium, Mod Tone, Chorus, Wah, Flanger, Tremolo, Church, Hall, Room 1, Room 2, Metal, Sur 1, and Sur 2.
- **True Bypass:** Ensures your guitar's original tone remains unaffected when the pedal is not active.
- **Durable Construction:** Housed in a robust aluminum-alloy casing.
- **LED Indicator:** Clearly displays the pedal's operational status.
- **Compact Design:** Space-saving footprint for pedalboards.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your A-RV02 pedal.



Figure 1: Front view of the COOLMUSIC A-RV02 pedal, showing the footswitch, control knobs, and effect selector.



Figure 2: Rear view of the COOLMUSIC A-RV02 pedal, highlighting the 9V DC power input.

## Controls and Connections:



Figure 3: Detailed diagram of the pedal's controls and input/output jacks.

1. **Power Input (1):** Connect a 9V DC power adapter (center negative, 120mA minimum). Power adapter is not included.
2. **Effect Selector Knob (2):** Rotate to choose from 16 different effects.
3. **MIX Knob (3):** Adjusts the blend between the dry (unaffected) signal and the wet (effected) signal.
4. **TONE Knob (4):** Controls the tonal characteristics or brightness of the effect.

5. **DECAY Knob (5):** Adjusts the duration or sustain of the effect, particularly for reverb and delay.
6. **OUTPUT Jack (6):** Connects to your amplifier or next pedal in the signal chain.
7. **Footswitch (7):** Engages or disengages the effect. The LED indicator illuminates when the effect is active.
8. **INPUT Jack (8):** Connect your guitar or previous pedal in the signal chain here.

## 4. SETUP INSTRUCTIONS

1. **Power Connection:** Connect a 9V DC power adapter (center negative, 120mA minimum) to the power input jack on the rear of the pedal. Ensure the power source is stable.
2. **Input Connection:** Connect your guitar to the INPUT jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the OUTPUT jack on the left side of the pedal to your amplifier's input or to the input of the next pedal in your signal chain using a standard 1/4-inch instrument cable.
4. **Power On:** Once all connections are secure, apply power to the pedal. The LED indicator will show its status.



Figure 4: Example setup showing the pedal integrated into a guitarist's setup.

## 5. OPERATING INSTRUCTIONS

### Engaging/Disengaging Effects:

Press the footswitch (7) to toggle the effect on or off. When the effect is active, the LED indicator will illuminate. When off, the pedal operates in true bypass mode, allowing your signal to pass through unaffected.

### Selecting Effects:

Rotate the Effect Selector Knob (2) to choose from the 16 available effects. The selected effect will be active when the pedal is engaged.

- **Delay Effects:** Delay 1, Delay 2, Echo
- **Reverb Effects:** Stadium, Church, Hall, Room 1, Room 2
- **Modulation Effects:** Mod Tone, Chorus, Wah, Flanger, Tremolo
- **Distortion/Special Effects:** Metal, Sur 1, Sur 2

## Adjusting Effect Parameters:

Use the MIX, TONE, and DECAY knobs to fine-tune the selected effect:

- **MIX Knob (3):** Turn clockwise to increase the amount of effect blended with your dry signal. Turn counter-clockwise to reduce the effect.
- **TONE Knob (4):** Adjusts the brightness or darkness of the effect. Experiment to find the desired character.
- **DECAY Knob (5):** Controls the duration or sustain of the effect. For delays, this might control feedback; for reverbs, it controls the reverb tail length.



Figure 5: Close-up view of the effect selector and parameter knobs for detailed adjustment.

## 6. MAINTENANCE AND CARE

- Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Avoid abrasive cleaners or solvents.
- Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- Power:** Always disconnect the power adapter when the pedal is not in use for extended periods.
- Handling:** Avoid dropping the pedal or subjecting it to strong impacts, as this may damage internal components.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is engaged.	Incorrect power supply; faulty cables; pedal not receiving signal.	Ensure 9V DC (center negative) power supply is connected. Check all instrument cables for proper connection and functionality. Verify guitar and amplifier are working.
Effect is too subtle or too dominant.	MIX knob setting is incorrect.	Adjust the MIX knob (3) to achieve the desired blend of dry and wet signals.
Unwanted noise or hum.	Ground loop; interference from other electronics; faulty power supply.	Use a high-quality, isolated power supply. Ensure all cables are properly shielded. Try moving the pedal away from other electronic devices.
LED indicator not lighting up.	No power; faulty LED.	Check power supply connection. If power is confirmed, contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	A-RV02
Effects	16 Digital Effects (Delay 1, Delay 2, Echo, Stadium, Mod Tone, Chorus, Wah, Flanger, Tremolo, Church, Hall, Room 1, Room 2, Metal, Sur 1, Sur 2)
Bypass Type	True Bypass
Power Requirement	DC 9V (center negative), 120mA minimum
Material	Aluminum-alloy casing
Item Weight	4.2 ounces (approx. 119 grams)
Product Dimensions	4.53 x 2.36 x 0.79 inches (approx. 11.5 x 6 x 2 cm)

Feature	Detail
Hardware Interface	1/4-inch Audio Input/Output
Signal Format	Analog

## 9. WARRANTY AND SUPPORT

COOLMUSIC products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official COOLMUSIC website or contact your authorized dealer. Keep your purchase receipt as proof of purchase.

**Official Website:** [Visit the COOLMUSIC Store on Amazon](#)

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