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Hosa CPE106

Hosa CPE-106 Right Angle to Right Angle Guitar Patch Cable

MODEL: CPE106

Brand: Hosa

INTRODUCTION

The Hosa CPE-106 is a high-quality patch cable specifically engineered to interconnect electric guitar pedal effects. Its right-angle plugs are designed to facilitate close spacing of pedal effects on pedalboards, optimizing space and setup efficiency. This cable features serviceable, all-metal plugs for durability in live-sound applications, an Oxygen-Free Copper (OFC) conductor for enhanced signal clarity, and an OFC spiral shield for effective EMI and RFI rejection, ensuring a clean and reliable audio signal.



Figure 1: Overview of the Hosa CPE-106 Right Angle Guitar Patch Cable, showcasing its compact design and right-angle connectors.

SETUP AND CONNECTION

Connecting the Hosa CPE-106 cable is straightforward. This cable is designed for short-distance connections between audio equipment, primarily guitar effects pedals.

1. **Identify Inputs/Outputs:** Locate the 1/4-inch (TS) input and output jacks on your effects pedals.
2. **Connect First Pedal:** Insert one right-angle plug of the CPE-106 cable into the output jack of your first effects pedal.
3. **Connect Second Pedal:** Insert the other right-angle plug into the input jack of the next effects pedal in your signal chain.
4. **Secure Connection:** Ensure both plugs are fully inserted and seated firmly in their respective jacks. The right-angle design allows for pedals to be placed closely together on a pedalboard, maximizing space.



Figure 2: A close-up view of the right-angle connectors, illustrating their design for efficient pedalboard layout.

OPERATING GUIDELINES

The Hosa CPE-106 cable operates passively, transmitting audio signals between connected devices. No specific operational steps are required beyond proper connection.

- **Signal Clarity:** The Oxygen-Free Copper (OFC) conductor is designed to maintain the integrity of your audio signal, minimizing loss and preserving clarity.
- **Noise Rejection:** The OFC spiral shield provides effective rejection of electromagnetic interference (EMI) and radio frequency interference (RFI), contributing to a cleaner sound free from unwanted noise.
- **Flexibility:** The cable's design offers flexibility, allowing for easy routing on pedalboards while maintaining durability.



Figure 3: The cable featuring the Hosa brand logo, indicating its authenticity and quality.

MAINTENANCE

Proper maintenance extends the life and performance of your Hosa CPE-106 cable.

- **Cleaning:** Wipe the cable and connectors with a soft, dry cloth to remove dust and grime. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, coil the cable loosely. Avoid tight coiling or sharp bends, which can damage the internal conductors and shielding. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable, rather than pulling on the cable itself. This prevents strain on the solder joints and internal wiring.
- **Serviceability:** The all-metal plugs are designed to be serviceable. In the event of a connection issue, the plugs can be unscrewed to inspect or repair the internal wiring, if you possess the necessary technical skills.

TROUBLESHOOTING

If you experience issues with your Hosa CPE-106 cable, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound / Intermittent Signal	Loose connection; Damaged cable/connector; Incorrect routing.	Ensure plugs are fully inserted. Test with another known-good cable. Check the signal chain for other faulty components.
Humming / Buzzing Noise	Ground loop; Interference; Damaged shielding.	Ensure all equipment is properly grounded. Check for nearby sources of electromagnetic interference. Test with another cable.
Poor Sound Quality	Damaged conductor; Corroded connectors.	Inspect connectors for corrosion; clean if necessary. Test with another cable to isolate the issue.

If issues persist after troubleshooting, consider contacting Hosa customer support or a qualified technician.

SPECIFICATIONS

Detailed technical specifications for the Hosa CPE-106 Right Angle to Right Angle Guitar Patch Cable:

Feature	Detail
Model Number	CPE106
Length	6 inches (15.24 cm)
Conductor	24 AWG Oxygen-Free Copper (OFC)
Connector Type	1/4-inch TS Right-angle to Right-angle
Shield	90% OFC Spiral
Product Dimensions	10 x 1 x 1 inches (approximate packaging)
Item Weight	0.69 ounces (approximate)
Compatible Devices	Guitar effects pedals, audio equipment with 1/4-inch TS jacks

WARRANTY AND SUPPORT

Hosa products are manufactured to high standards and are designed for reliable performance. For specific warranty information regarding your Hosa CPE-106 cable, please refer to the warranty documentation included with your purchase or visit the official Hosa website.

For technical support, product inquiries, or assistance with troubleshooting beyond the scope of this manual, please contact Hosa customer service through their official website or authorized distributors. Keep your purchase receipt as proof of purchase for any warranty claims.

