

Truetone CS12USJ

Truetone 1 SPOT Pro CS12 Guitar Pedal Power Supply Instruction Manual

1. PRODUCT OVERVIEW

The Truetone 1 SPOT Pro CS12 is a high-quality guitar pedal power supply designed to deliver clean, isolated power to your pedalboard. It features 12 fully isolated and regulated outputs, offering a variety of voltage and current options to accommodate a wide range of effects pedals. Its switching power supply design ensures lighter weight and cooler operation, while universal input voltage allows for worldwide use.

Key features include:

- 12 fully isolated and regulated outputs for maximum noise isolation.
- Multiple voltage types: 9V DC, 12V DC, 18V DC, and 9V AC.
- Total output current capacity of approximately 3000mA.
- Switching power supply design for lighter weight and cooler operation.
- Universal input voltage (100 to 240V AC) for worldwide compatibility.
- Includes mounting brackets compatible with Pedaltrain boards.
- Comes with a comprehensive set of power cables and adapters.
- Durable metal chassis with vented sides for heat dissipation.

2. SAFETY INFORMATION

To ensure safe operation and prolong the life of your power supply, please observe the following:

- Always unplug your 1 SPOT Pro CS12 when not in use to save energy and protect the unit.
- Do not open the unit. There are no user-serviceable parts inside.
- Ensure proper ventilation; do not block the vented sides of the chassis.
- Use only the provided power cables and adapters or compatible replacements.

3. PACKAGE CONTENTS

Your Truetone 1 SPOT Pro CS12 package includes:

- 1x Truetone 1 SPOT Pro CS12 Power Supply Unit
- 1x IEC Power Cable (for main power input)
- Mounting Brackets (compatible with Pedaltrain boards)
- Various DC Power Cables (different lengths and connector types)
- Assorted Adapter Plugs (e.g., for reverse polarity, 3.5mm mini-plug, battery clip)

4. SETUP

4.1 Mounting the Power Supply

The 1 SPOT Pro CS12 is designed to be mounted underneath most popular pedalboards, including Pedaltrain boards. Use the included mounting brackets and screws to securely attach the unit to your pedalboard.

4.2 Connecting Main Power

1. Connect the provided IEC power cable to the AC input on the rear of the CS12 unit.
2. Plug the other end of the IEC cable into a suitable AC wall outlet (100-240V AC).
3. The blue LED on the unit will illuminate, indicating that the power supply is active.

4.3 Connecting Pedals

Use the included DC power cables to connect your pedals to the appropriate output jacks on the CS12. Ensure that the voltage and current requirements of your pedals match the output specifications of the chosen jack.



Figure 1: Truetone 1 SPOT Pro CS12 Power Supply Unit.

5. OPERATING INSTRUCTIONS

The 1 SPOT Pro CS12 offers a versatile range of outputs. Always verify your pedal's voltage and current requirements before connecting.

5.1 DC Outputs

The CS12 features various DC outputs with different voltage and current ratings:

- **9V DC / 100mA:** Standard outputs for most low-current pedals.
- **9V DC / 200mA:** For pedals requiring slightly more current.
- **9V DC / 500mA:** High-current outputs suitable for digital pedals or those with higher power demands.
- **12V DC / 100mA:** For pedals specifically requiring 12V DC.
- **18V DC / 100mA:** For pedals specifically requiring 18V DC.



Figure 2: Various DC output jacks on the Truetone 1 SPOT Pro CS12.

5.2 Variable Voltage Outputs

Some outputs feature dip switches on the bottom of the unit to select between different voltages (e.g., 9V, 12V, or 18V). Carefully consult your pedal's manual to select the correct voltage setting using a small tool to adjust the dip switches.



Figure 3: Dip switches for variable voltage outputs located on the bottom of the unit.

5.3 9V AC Output

The CS12 includes a dedicated 9V AC / 800mA output for pedals that require AC power, such as certain older digital delays or wah pedals. Use the appropriate AC adapter cable for these connections.

5.4 Output Sag (Variable Voltage)

Some variable voltage outputs may feature a 'sag' control, allowing you to simulate the sound of a dying battery for certain vintage-style fuzz or overdrive pedals. Adjust this knob to achieve the desired effect.

5.5 Expansion Output

A 12V DC / 2.5A output is available on the rear of the unit. This output is designed to power additional Truetone expansion boxes (e.g., XP5 or XP8) to further increase the number of isolated outputs for larger pedal setups.

Your browser does not support the video tag.

Video 1: Truetone 1 SPOT Pro CS11 Unboxing and Features Overview. This video demonstrates the unboxing process and highlights key features and expansion capabilities of a similar model in the 1 SPOT Pro series.

6. MAINTENANCE

The Truetone 1 SPOT Pro CS12 is built for durability. To maintain its performance:

- Keep the unit clean and free from dust and debris.
- Avoid exposing the unit to excessive moisture or extreme temperatures.
- Ensure proper ventilation by not obstructing the vented sides.

7. TROUBLESHOOTING

If you experience issues with your power supply, consider the following:

- **No Power:** Check that the IEC cable is securely connected to both the unit and the wall outlet. Verify the wall outlet is functioning.
- **Pedal Not Powering On:** Ensure the pedal is connected to the correct voltage output. Verify the current (mA) rating of the output meets or exceeds the pedal's requirement. Check the polarity of the cable (most pedals are center-negative).
- **Excessive Noise:** While the CS12 offers isolated outputs, ensure all cables are in good condition and properly connected. Test pedals individually to identify any noisy components.
- **Overload Protection:** The unit features short-circuit protection. If an output is overloaded or shorted, it may temporarily shut down. Disconnect the problematic pedal and reconnect to reset.

8. SPECIFICATIONS

Feature	Specification
Brand	Truetone
Model Number	CS12USJ
Item Weight	2 pounds
Product Dimensions	10 x 10 x 2 inches
Output Wattage	54 Watts
Voltage Options	9 Volts, 12 Volts, 18 Volts (DC), 9V (AC)
Material	Metal
Color	Black
Connector Type	Barrel Connector

9. WARRANTY AND SUPPORT

The Truetone 1 SPOT Pro CS12 is backed by a 5-year warranty. For technical support, troubleshooting assistance, or warranty claims, please visit the official Truetone website or contact their customer service directly.

For more information, visit www.truetone.com.