

IMPORTANT SAFETY INSTRUCTIONS

1. All the safety and operating instructions should be read before this product is operated. Keep these instructions for future reference.
2. Pay attention to all warnings on the power supply and in the operating instructions.
3. **WARNING:** Do not use this device near water or any other liquid.
4. Clean only with dry cloth.
5. Do not block any ventilation openings.
6. Do not use this device near any heat sources.
7. Do not remove the power plug grounding pin on the input cable.
8. Protect all input and output power cables from being walked on or pinched.
9. Only use attachments/accessories specified by the manufacturer.
10. Use only with the brackets and screws provided with this power supply.
11. Unplug this device during lightning storms or when unused for long periods of time.
12. Refer all repairs to qualified personnel at Truetone or an authorized Truetone distributor. Under no circumstances should the power supply be opened by the user.
13. This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



- **WARNING:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
 - The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
14. The maximum ambient temperature should not exceed 35 degree C.
 15. Date code: YYMM, YY means year, MM means month. For example: 1412 represents Year 2014, December.

1 SPOT[®]

PRO

CS 12 - pure isolated power

Owners Manual

TRUETONE[®]

www.Truetone.com

Need some great pedals to go with your 1 SPOT Pro?

Check out Truetone^{*} pedals at Truetone.com

* Truetone was formerly known as Visual Sound; the makers of Jekyll & Hyde, Route 66, H2O, Visual Volume and...
The 1 SPOT!



Mounting your 1 SPOT Pro under a Pedaltrain[®] pedalboard:

The 1 SPOT Pro comes with 2 metal brackets, 4 black machine screws and 4 silver thread-forming screws. The black machine screws are for attaching the metal brackets to the sides of the 1 SPOT Pro, and the thread-forming screws are for attaching the brackets to the Pedaltrain[®], as shown below. There is no need to pre-drill holes for the screws if you are using a powered screwdriver.



Make sure the 1 SPOT Pro is slanted during mounting, so that the IEC input socket is in between the rails of the Pedaltrain. To help position it correctly, you can put a 9V battery under the 1 SPOT Pro (center-back of the unit), which will raise the back to the proper height... the battery is only acting as a temporary spacer.

After the 4 thread-forming screws are installed, push the 9V battery out.

Congratulations on your purchase of the 1 SPOT Pro CS12 Power Supply by Truetone! The 1 SPOT Pro CS12 provides 12 outputs to power just about any effect pedal. All 12 outputs are completely isolated, regulated, and filtered to provide quiet and safe operation for your valuable effects pedals.

The 1 SPOT Pro CS12 contains the following:

1 SPOT Pro CS12 Power Supply

Power cables (all are center pin negative polarity):

- (2) DC26 (5.5x2.1mm barrel plugs; 26" (660mm) – Purple
- (2) DC22 (5.5x2.1mm barrel plugs; 22" (559mm) – Blue
- (4) DC18 (5.5x2.1mm barrel plugs; 18" (457mm) – White
- (3) DC12 (5.5x2.1mm barrel plugs; 12" (305mm) – Yellow
- (1) AC21 (5.5x2.5mm barrel plugs; 21" (533mm) – Red

Converter Plugs:

- (1) CL6 – Green – for Line 6 DL4/M9/etc. and some Eventide pedals.
- (1) CYR – Red – reverse polarity converter
- (2) C35 – Black – 3.5mm (1/8") plug converter
- (1) CBAT – Black battery clip

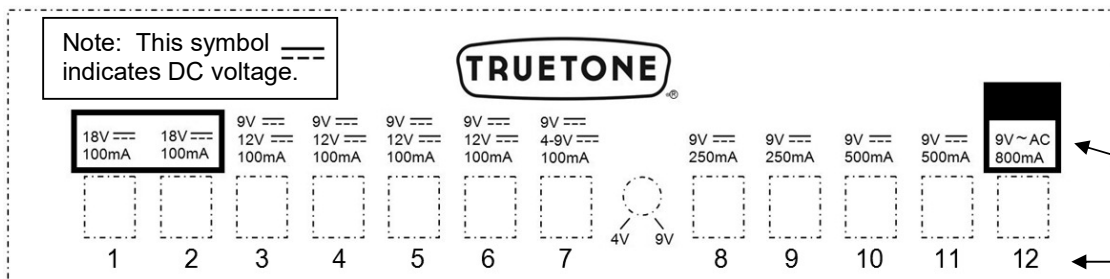
The proper powering of effects pedals is much misunderstood, but necessary knowledge that every effect user must have. It is the difference between proper functionality of your pedal, or potentially damage to it. To properly use the 1 SPOT Pro CS12 along with your effects devices, you must know both the power requirements of your pedals, and the capabilities of the 1 SPOT Pro CS12 power supply. We will concentrate on the latter first.

Specifications of the 1 SPOT Pro CS12:

Input: 100-127V~/0.7A, 50/60Hz US; 200-240V~/0.35A, 50/60Hz Europe/UK

Outputs: 12 Outputs are as shown below: (Outputs 3-7 are switchable)

Note: The first 11 outputs feature jacks with a standard 5.5x2.1mm barrel connector, while the 9Vac equipped output 12 has a 5.5x2.5mm barrel to help prevent plugging this output into a normal 9Vdc pedal and potentially causing damage.



WARNING: Do not use this output except with pedals that are specifically mentioned in this manual. Truetone is not liable for misuse of this 9Vac output.

Note: These numbers do not appear on the actual unit.

The bottom panel of the 1 SPOT Pro CS12 contains 5-mini switches that change the voltage output of outputs 3-7.

- Switch 1** corresponds to Output-3 and allows it to be switched between either 9Vdc (OFF) or 12Vdc (ON) at 100mA
- Switch 2** corresponds to Output-4 and allows it to be switched between either 9Vdc (OFF) or 12Vdc (ON) at 100mA
- Switch 3** corresponds to Output-5 and allows it to be switched between either 9Vdc (OFF) or 12Vdc (ON) at 100mA
- Switch 4** corresponds to Output-6 and allows it to be switched between either 9Vdc (OFF) or 12Vdc (ON) at 100mA
- Switch 5** corresponds to Output-7 and allows it to be switched between either 9Vdc at 100mA (OFF) or 4-9Vdc (ON) via voltage mini knob at 100mA

Input Voltage Selector Switch:

The back panel of the 1 SPOT Pro CS12 has a 2-position 115/230V~ switch that allows the 1 SPOT Pro CS12 to be used in most countries. **Warning:** Using the unit at the wrong setting will cause damage to both the 1 SPOT Pro CS12, and any effect plugged into output 12. Make sure the switch setting matches the voltage coming out of the wall outlet (+/- 10V~ is OK).

Which output and settings do I use for my pedals?

It is important for you to know the power requirements for your pedal. For every pedal that you are going to power via the 1 SPOT Pro CS12, you need to know the following:

1. What is the voltage required by the pedal?
2. Does the pedal require AC or DC voltage?
3. What is the polarity of the pedal? (Center pin positive or negative.)

These questions can usually be answered by:

1. Inspecting the pedal itself near the power jack.
2. Referring to the owner's manual.
3. Checking online, or contacting the manufacturer.
4. If your pedal can be powered by a 9Vdc battery, it can usually be powered by one of the 9Vdc outputs.

Notes on certain pedals:

- Some older Boss pedals require 12Vdc, yet can be powered by a 9Vdc battery. They will indicate "Use ACA adaptor" near the power jack. To power an ACA pedal please use outputs 3-6, and set to 12Vdc on the dip switch for the corresponding output. Modern Boss pedals will indicate "PSA," and can be powered by any of the 1 SPOT Pro CS12's 9Vdc outputs.
- Many germanium based fuzzes and Octavia-style pedals will require the use of the CYR adaptor to reverse the polarity to center pin positive.
- For pedals with high milliamp draws such as Strymon please utilize outputs 8-11.
- Eventide pedals such as the Time Factor and H9 may be powered by outputs 10-11 with the addition of the CL6 converter for proper dc jack tip size and polarity.
- Line 6 M9 may be powered by outputs 10-11, but will also require the CL6 converter. The M9 can also be powered directly by the 9Vac of output 12.
- Line 6 M5 may be powered by outputs 10-11, NOT output 12.
- Line 6 modeling pedals (DL-4/MM-4) may be powered by outputs 8-11, but will also require the CL6 converter. You may optionally use output 12, as the power input of these pedals can use 9Vac or 9Vdc.
- Line 6 Tone Core pedals may be powered by any 9Vdc output.
- Line 6 POD or M13 cannot be powered by the 1 SPOT Pro CS12, even on the 9Vac output. The milliamp draw is too large for those units.
- If more 9Vdc pedals need to be powered, a MC5 daisy chain (sold separately) may be plugged into any of the 9Vdc outputs depending on mA draw.
- Pedals that do not utilize a power jack, yet are powered normally by a 9Vdc battery, may utilize any 9Vdc output, along with the CBAT converter.
- TC Electronic Nova pedals may be powered by outputs 3-6 in the 12Vdc position.
- TC Electronic Classic and Tone Print series may be powered by any 9Vdc output.
- Digitech Whammy: Versions 1-4 may be powered by output 12 (9Vac) Version 5 or Whammy DT may be powered by outputs 10 or 11.
- Overdrives or fuzzes that sound/feel better at lower voltage should utilize output 7. Set the dip switch to the "on" position, and adjust the mini-pot on the face of the unit to the desired voltage, anywhere from 4-9Vdc.
- Radial Tonebone 15Vdc pedals can be powered by an 18Vdc output, using the Reverse Polarity Converter (CYR) included with the 1 SPOT Pro.

Warranty:

The 1 SPOT Pro CS12 carries a 5-year warranty to the original owner, covering faulty materials and workmanship.

The warranty is considered void for any of the following reasons:

1. The unit has been modified in any way.
2. Any repair has been attempted by anyone other than the manufacturer.

If your unit becomes defective during the warranty period, please contact Truetone to obtain a return authorization. All contact information can be found at Truetone.com

WARNING: Operation contrary to the guidelines set forth in this manual may damage your pedals. **Truetone is not responsible for the damage of your pedals by improper usage.**

Input Power Cable:

Your 1 SPOT Pro includes an input power cable. Insert the universal IEC plug into the socket on the back of the 1 SPOT pro. Double check the voltage switch on the back of the power supply, as described in this owners manual. Plug the other end into a wall outlet or power strip.

Environmental Protection

The trash can symbol indicates that waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



FCC Notice:

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.

Changes or modifications not expressly approved by Truetone could void the user's authority to operate the equipment.