



PowerStar Mini tm

Quiet Power Distribution for ENG

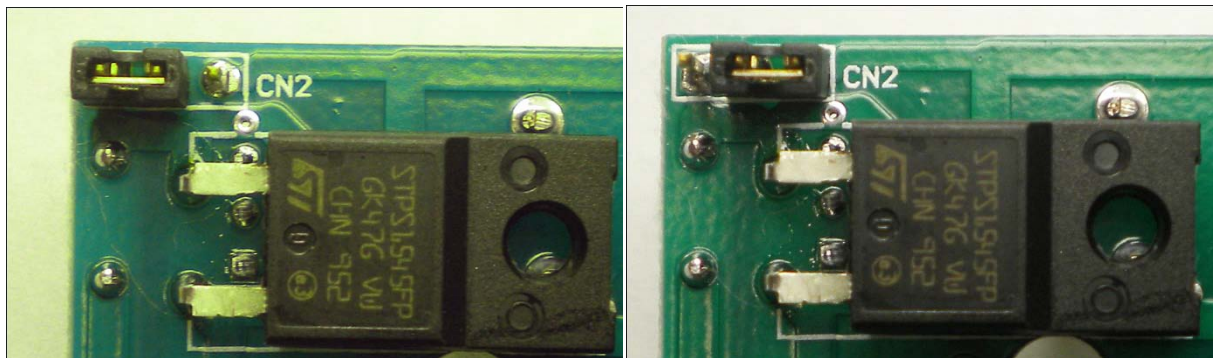
The new PSC PowerStar Mini power distribution system provides a convenient way of distributing clean, quiet, reliable 12Vdc power to all of your ENG audio equipment from a single rechargeable battery. The PSC PowerStar Mini features six outputs. Each of these outputs is designed to deliver up to 3 amps of continuous current. The PowerStar Mini has a global (total) current limit of 5 amps. A top panel mounted lighted power switch controls the entire operation. This power switch will light up green when powered up and will light up red if the main 5 amp polyfuse has been tripped. This power switch always controls five of the six output power connectors. The sixth connector may be controlled by this power switch or left un-switched (always on). This sixth connector is conveniently marked with a blue ring surrounding the connector. Internally, there is a small jumper to select switched or un-switched operation for this connector.

The PowerStar Mini features PSC's exclusive Silent Power Technology designed to filter out unwanted switch mode noise and RF interference from your power lines. These exclusive PSC filters will ensure you of clean, quiet recordings in the field by minimizing unwanted inter-modulation noise, RF interference and other noise sources. Our RF filtering will provide better than 34dB of RF isolation between outputs from 100Mhz to 900Mhz, the best in the industry. In addition, each of the PSC PowerStar Mini's six output connectors are individually polyfuse protected and monitored for short circuits. Convenient front panel status LED's indicated an overloaded output. Power input is via a 4 pin mini XLR connector. Optional NP-1 battery cup and an assortment of PSC power cables are available. The PowerStar Mini features reverse polarity protection, genuine Switchcraft tm connectors, a sturdy aircraft aluminum case, tough powder coat finish and a removable stainless steel belt clip.

POWERSTAR MINI USE:

The PSC PowerStar Mini uses a Switchcraft mini 4 pin male chassis XLR for power input. This connector is wired as follows: Pins 1 and 2 are negative (-) ground and pins 3 and 4 are positive (+). These pins are doubled up for redundancy and to lower connection impedance. The six output connectors are genuine Switchcraft tm coaxial power connectors. They feature a 2.5mm center pin and special threaded locking sleeve. They are wired as follows: Center Pin Positive (+) and Outside Ring Negative (-). These connectors must be used with long barrel 2.5mm mating connectors. All cables provided by PSC incorporate these features.

The sixth output connector is surrounded by a blue ring. We suggest you use this connector to power your audio mixer. It can be either switched or un-switched (always on) Within the PSC PowerStar Mini there is a small jumper that allows this connector to operate as switched or un-switched.



UN-SWITCHED (MIXER ALWAYS ON)

SWITCHED (MIXER SWITCHES ON/OFF)

PSC QUIET POWER TECHNOLOGY tm

PSC is the only company to provide you with Quiet Power Technology tm. Simply put, we understand the delicate power requirements of today's precision audio equipment. In order to insure clean, quiet power delivery to your audio equipment, we design and install power filtering into every output connection in all of our power distribution products. Though very compact in size, even our PowerStar Mini incorporates filtering on each output. These filters provide better than 34dB of RF isolation between outputs from 100Mhz to 900Mhz. This will provide the user with cleaner, quieter power. These filters will help minimize intermodulation noise, RF interference and other noise sources from ruining your recordings. While not always required, isn't it a good idea to be prepared for the worst case scenario? At PSC, we think so.

BELT CLIP:

The PSC PowerStar Mini is equipped with a removable stainless steel belt clip. If you decide to remove the belt clip, please keep the screws for later re-use. Use of longer than standard screws may damage the PowerStar Mini.

REVERSE POLARITY POTECTION:

The PSC PowerStar Mini is equipped with a heavy duty reverse polarity diode. Used in conjunction with a polyfuse, this will protect your equipment in the unlikely event that you somehow reverse the polarity of the input power connection.

OPTIONAL NP-1 BATTERY CUP:

Also available from PSC is an optional NP-1 Battery Cup for use with your new PSC PowerStar Mini. This NP-1 battery cup comes pre-wired with a TA4F connector for use with the PowerStar Mini.

PSC PART NUMBERS:

FPSCPSM	POWERSTAR MINI
FPSCPSM-NP1	NP-1 BATTERY CUP w/ TA4F CONNECTOR
FPSCPSM-CAB1	PSM OUTPUT CABLE w/ R.A. POWER PLUG FOR USE WITH LECTROSONICS, M3, FP-32A, FP33, ETC
FPSCPSM-CAB1Y	DUAL PSM OUTPUT CABLE w/ TWO R.A. POWER PLUG FOR USE WITH LECTROSONICS, M3, FP-32A, FP33, ETC.
FPSCPSM-CAB2	PSM OUTPUT CABLE W/ 4 PIN HIROSE FOR USE WITH M4mkII, ALPHAMIX, NEWER 442, 302, ETC

SPECIFICATIONS:

SIZE:	3.585" x 1.330" x 1.200" (91mm x 33.8mm x 30.5mm)
WEIGHT:	3.7oz (85gm)
OUTPUT CURRENT:	5 Amp Global Maximum, 3 Amp Maximum per output
POWER SWITCH:	Recessed Toggle, Lit Green when Power "ON", lit Red if main Polyfuse is blown
OUTPUT LEADS:	Red LED on if Individual Output is Overloaded
RF FILTERING:	Better than 34dB Isolation from 100Mhz to 900Mhz
BELT CLIP:	Stainless Steel, removable

CE

DECLARATION OF CONFORMITY

EMC: This product is in compliance with the Electromagnetic Compatibility Directive, 89/336/EEC as defined in EN 50081-1, EN55022 and EN 50082-1. IEC801-2, IEC801-3 and IEC801-4.

LVD: This product is in compliance with the requirements of the Low Voltage Directive, 73/23/EEC. 93/68/EEC as defined in EN60065, 1993 and/or EN60950/A1/A2/A3: 1995

TRADE NAME: PSC
MODEL: PowerStar Mini

RESPONSIBLE PARTY: Professional Sound Corp.
28085 Smyth Drive

Valencia, CA 91355 USA

CONTACT PERSON: Ronald Meyer (661) 295-9395

TYPE OF PRODUCT: Low Voltage DC Power Distribution

MANUFACTURER: Professional Sound Corp.

28085 Smyth Drive

Valencia, CA 91355 USA

We hereby declare that the equipment bearing the trade name and model number listed above has been tested in accordance with the requirements contained in the above listed directives. All necessary steps have been taken and are in force to assure that production units manufactured will conform to Directive guidelines.

September 2010

Professional Sound Corporation