



PowerStar Mini II™

Quiet Power Distribution for Audio Bags



- One TB4M Power Input
- Five (5) Main Power Outputs, One “Always On”
 - 7 Amps (100.8 watts) Global Power Output
 - USB Power Output with up to 2 Amp Capacity
 - Polyfuse Protection on all Outputs
- PSC Quiet Power Technology Filtering on All Outputs
 - Multi Color LED Battery Voltage Meter
 - Belt Clip for Easy Bag Mounting
- Robust Aircraft Aluminum Housing with Powder Coat Finish
 - Made in the U.S.A.

Professional Sound Corp

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The new PSC PowerStar Mini II power distribution system provides a convenient way of distributing clean, quiet, reliable 12Vdc power to all your ENG audio equipment from a single rechargeable battery. The PSC PowerStar Mini II features five outputs. Each of these outputs is designed to deliver up to 3 amps of continuous current. The PowerStar Mini II has a global (total) current limit of 7 amps. The top panel features the main power switch, a Multi-Color LED battery meter and a USB power output that will supply up to 2 Amps of current. The power switch always controls four of the five output power connectors. The 5th connector is always turned on whenever a battery is connected to the power input TB4M connector. This 5th connector is conveniently marked with a blue ring surrounding the connector.

The PowerStar Mini II features PSC's exclusive Silent Power Technology designed to filter out unwanted switch mode noise and RF interference from your power lines. This exclusive PSC filtering will ensure you of clean, quiet recordings in the field by minimizing unwanted inter-modulation noise, RF interference and other noise sources. In addition, each of the PSC PowerStar Mini II's five output connectors are individually Polyfuse protected. Power input is via a 4-pin mini XLR connector. The PowerStar Mini II includes a Multi-Color LED battery meter and a USB power output connector that can supply up to 2 Amps of current. An 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 II CONNECTORS:

The PSC PowerStar Mini II 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 five

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 fifth output connector is surrounded by a blue ring. We suggest you use this connector to power your audio mixer.



Power Input Connector TB4M:

Pins 1&2 Negative (-)

Pins 3&4 Positive (+)

Power Output Connectors: Switchcraft PCL712A

Center Pin Positive (+)

Outside Ring Negative (-)

BATTERY METER:

The PowerStar Mini II includes a convenient multi-color LED battery meter for your use. This meter can read either 14.4V Lithium-Ion batteries (factory default setting) or it can read 12.8 V LiFEPO4 (Lithium Iron Phosphate) or lead acid batteries. Internally there is a small jumper on the PCB that can be set to accommodate either battery type.



Multi-Color LED Battery Meter “Fuel Gauge”



Blue “Battery Type” Jumper set for use with 14.4 volt battery

USB POWER OUTPUT:

The PowerStar Mini II is equipped with a USB power output connector. This power output can deliver up to 2 Amps @ 5Vdc making it perfect for charging your cell phone or tablet or powering most other USB powered devices.



USB Power Output Connector, 2A maximum

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 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 II 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.



Belt Clip Shown

REVERSE POLARITY POTECTION:

The PSC PowerStar Mini IIs 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:

FPSCPSMII	POWERSTAR MINI II
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, ETC.
- FPSCPSM-CAB2** PSM OUTPUT CABLE W/ 4 PIN HIROSE FOR USE WITH RECORDERS THAT USE A 4 PIN HIROSE CONNECTOR, ETC
- FPSCPSM-CAB3** PSM OUTPUT CABLE W/ TA4F POPWER CONNECTOR

SPECIFICATIONS:

- SIZE:** 3.825" x 1.200" x 1.200" (97mm x 30.5mm x 30.5mm)
- WEIGHT:** 3.5oz (80gm)
- OUTPUT CURRENT:** 7 Amp Global Maximum, 3 Amp Maximum per output
- POWER SWITCH:** Toggle
- BATTERY METER:** Multi-Color LED
- USB POWER OUTPUT:** 2A Maximum
- RF FILTERING:** From 100Mhz to 900Mhz
- BELT CLIP:** Stainless Steel, removable

TERMS OF USE:

THE IMPROPER CONNECTION OF THIS POWER DISTRIBUTION UNIT TO AUXILIARY EQUIPMENT MAY RESULT IN DAMAGE TO SAID EQUIPMENT AND/OR PERSONAL INJURY. THIS PRODUCT IS DESIGNED TO BE OPERATED BY PROFESSIONALS IN THE FILM AND TELEVISION INDUSTRIES. THE PSC POWERSTAR MINI II SHOULD ONLY BE OPERATED AFTER READING AND UNDERSTANDING THIS ENTIRE INSTRUCTION MANUAL. THE OPERATOR OF THIS DEVICE ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR PROPER USE AND OPERATION OF THIS EQUIPMENT! PROFESSIONAL SOUND CORPORATION AND/OR ITS EMPLOYEES AND OFFICERS ASSUME NO RESPONSIBILITY OR LIABILITY FOR PERSONAL AND PROPERTY DAMAGE INCURRED DUE TO ACCIDENT, CARELESS HANDLING, ABUSE OR MISSUSE, IMPROPER CONNECTION, AND/OR INSTALLATION, IMPROPER ELECTRICAL CONTACT OR GROUNDING. OWNERSHIP AND/OR USE OF THE PSC POWERSTAR MINI II CONSTITUTES AGREEMENT WITH THESE TERMS.

Limited Warranty Certificate

Professional Sound Corporation warrants the PSC PowerStar Mini II, to be free from defective material and workmanship for a period of one year from the original date of purchase and agrees to repair or replace such defective parts or the whole product at its option, provided that the equipment is returned to Professional Sound Corporation. Shipping and insurance costs to and from Professional Sound Corporation must be prepaid by the owner. This warranty does not cover damage due to accident, careless handling, abuse or misuse, improper connection and/or installation, improper electrical contact, excessive power levels or improper grounding. This warranty will be null and void in the event of removal, alteration or tampering with the serial number, or by service or repair work not performed by Professional Sound Corporation. Proof of purchase date (copy of invoice or Warranty Certificate) must be furnished before warranty service will be performed. This warranty is in lieu of any other warranty, expressed or implied, including warranties without limitation, products being merchantable at the time of purchase or suitable for a particular purpose. This warranty does not extend to, or include consequential damage.

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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 II

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 2023

Professional Sound Corporation