

PLATINUM

BY MSB TECHNOLOGY

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POWER BASE USERS MANUAL

REV 1 (1 / 10)

INPUTS:	100 - 120 VAC OR 200 -240 VAC
OUTPUT:	MSB SUPPLY: TWO AT 12VDC @1.75 A AND +/- 24 V DC @ 1 A
TRANSPORT SUPPLY (OPTIONAL):	12 VDC
CONTROL FEATURES:	12 V REMOTE POWER ON/OFF

MODELS:

STANDARD POWER BASE: Basic model with one mixed supply output. Can be upgraded with a Transport supply and a second mixed supply (which will run two MSB products like a DAC and an ADC or two DACs.)

SIGNATURE POWER BASE: Upgraded model with one mixed supply output. Can be upgraded with a Transport supply and a second mixed supply (which will run two MSB products like a DAC and an ADC or two DACs.)

DIAMOND POWER BASE: Upgraded model with one mixed supply output of twice the power. Can be upgraded with a Transport supply.

TWO CLASSES OF MSB POWER SUPPLIES

The Power Bases provides regulated, clean DC power to MSB Platinum products. There are two classes of MSB Platinum products. There are those with analog signals present and those that are strictly digital.

Products that have mixed digital and analog signals are the DAC IV and ADC.

Products with are purely digital are DATA CD IV, Transports and Digital processors.

The Standard and Signature Power Bases can provide up to two analog outputs and one digital output. The Diamond Power Base provides one analog output and one digital.

VOLTAGE CONVERSION AND CHANGING FUSES

The Platinum detects the input voltage and switches for 120 V or 240 V operation.

Two fuses are provided:

- * 5A 250V - 5 mm x 20 mm miniature fuse is the main fuse.
- * 100mA 250V - 5 mm x 20 mm miniature fuse is for the standby supply.

These fuses are to protect the product in the case of internal failure. These fuses should not blow during unusual power surges or disturbances. To check the fuses, remove the cover and examine.

12 VOLT REMOTE TRIGGER

This power supply is equipped with a remote trigger for use with other MSB products. The trigger uses a headphone jack. When any MSB product is turned off, the other products connected will also turn off and vice-versa. The connector is wired as shown. If you connect "signal" to "ground", all MSB products will turn off. If you connect "signal" to "12 V", all MSB products will turn on.

POWER INDICATOR

The switch on the back of the unit turns the output power on and off. The switch will show green when powered on, and red when off. If the remote trigger is used to turn on or off the unit, the switch may be in the wrong position but the color will indicate it is being controlled by another source as shown in the table.

TROUBLESHOOTING

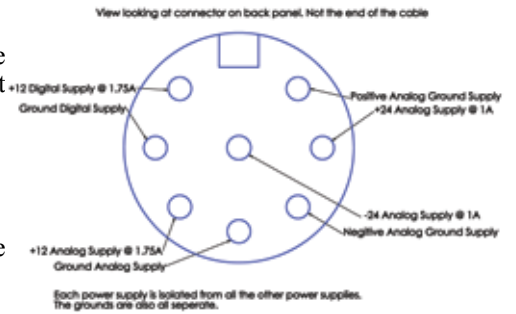
Switch is Amber - unplug remote trigger and test.

MSB product not on but switch green - Check cable. Plugged in the right output?

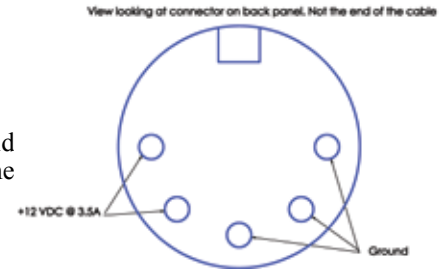
WARRANTY

All MSB products carry a one year warranty. No returns accepted without an RMA. Upon receipt, MSB will repair or replace any defective product. All product shipped FOB Aptos. Shipping and shipping damage is the responsibility of the consignee.

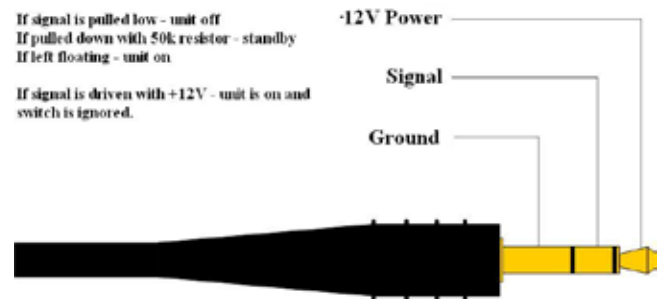
MSB Power Supply LED color table	
Green	The unit is on and operating
Orange	The switch for the unit is on, but the 12v trigger has it turned off. OR the switch for the unit is on, but the protection has shut it off because of over voltage or over heating
Red	The switch is in the OFF position
Off	The switch for the unit is off, but the 12v trigger is being pulled high with external trigger over riding the switch. OR the power base has no power due to a blown fuse or no AC.



8 pin DIN Mixed Supply



Optional 5 pin DIN 12 V Transport Supply



12 Volt Remote Trigger wiring.

Optional 2nd 8 pin DIN Mixed Supply (Standard and Signature)

Optional 5 pin DIN 12 V Transport Supply

8 pin DIN Mixed Supply

