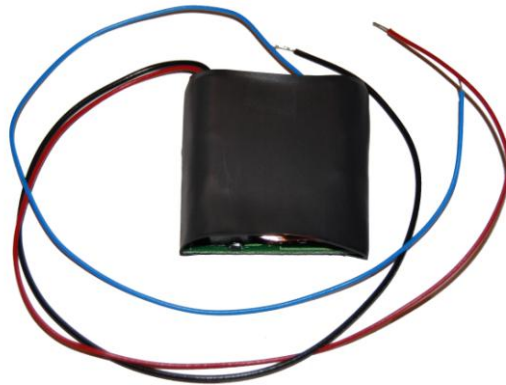




PH48-1

48VDC PHANTOM POWER SUPPLY INSTALLATION IN ML200

INSTALLATION INSTRUCTIONS



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DESCRIPTION

The PH48-1 is a small encapsulated circuit board that provides 48VDC phantom power from the 24VDC power supply used with ATI Models ML200, MX, MXS and other microphone amplifiers. It is normally installed as an option at the factory; however, it can be installed in the field by most persons with basic soldering skills.

The PH48-1 is connected with three wires. Blue is for the input voltage, generally 24VDC. Black is the Ground, and Red is the 48VDC output.

PH48-1 INSTALLATION

1. Remove 8 ea. 6-32 x 1/4 truss head screws and washers that secure the NanoAmp top and bottom covers. Remove the covers to expose the main circuit board.
2. In the ML200 Dual Mic-to-Line Amplifier, locate the A6 IC (an LP2951A 20.2VDC regulator) and remove it. This IC may be socketed in earlier units or may be soldered directly to the main board. Use care when unsoldering this IC so as not to damage the circuit board leads.
3. Remove C27, a 100mfd/35V electrolytic capacitor.
4. Solder the Red wire from the PH48-1 module to A6 pin 1.
5. Solder the Black wire to A6 pin 4 (ground).
6. Solder the Blue wire to A6 pin 8 (+24VDC).
7. Secure the PH48-1 module and check all connections.
8. Replace the top and bottom covers.

One Year Limited Warranty

ATI warrants this product to be free from defects in materials and workmanship to its original owner for a period of one year from date of purchase. ATI will repair or replace such product or part thereof, which upon inspection by ATI, is found to be defective in materials or workmanship.

The Proper Return Authorization Number must be obtained from ATI in advance of return. Contact ATI at 856-626-3480 or email sales@atiaudio.com to receive the number and instructions for return of your unit.

A written statement providing the name, address, daytime telephone number and email address of the original owner, together with receipt from the original purchase, and a brief description of any claimed defects, must accompany all returns. Parts or product for which replacement is made shall become the property of ATI.

The customer shall be responsible for costs of transportation and insurance to the factory of ATI, and shall be required to prepay such costs.

ATI shall use reasonable efforts to repair or replace any product covered by this limited warranty within thirty days of receipt. In the event repair or replacement shall require more than thirty days, ATI shall notify the customer accordingly. ATI reserves the right to replace any product that has been discontinued from its product line with a new product of comparable value and function.

This warranty shall be void in the event a covered product has been damaged, or failure is caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, or lightning, power fluctuations and other incidental or environmental conditions. Further, product malfunction or deterioration due to normal wear is not covered by this warranty.

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