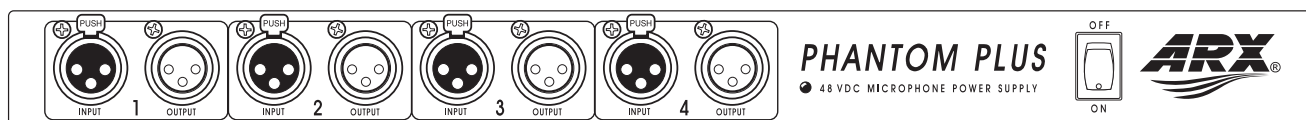


PHANTOM PLUS™



<http://www.arx.com.au>

FOUR CHANNEL PHANTOM POWER SUPPLY



The **ARX Phantom Plus** is a 4 Channel 48VDC Phantom Power Supply Unit. Many condenser microphones require Phantom power to operate, and many active Direct boxes have the ability to be run from Phantom power and thus avoid the need for unreliable batteries.

The correct voltage for Phantom power is a rock steady 48 VDC. Sadly many otherwise excellent consoles fall down in this respect, with a Phantom power supply that either doesn't reach the required voltage and thus reduces the device's headroom, or sags to a lower voltage after a short time.

To solve both these problems, ARX design engineers have developed the all new Phantom Plus.

Its Four channels of clean, ultra stable Phantom power are ideal for consoles that either have no Phantom power supply or a deficient one.

Operating the Phantom Plus is simplicity itself, with Balanced XLR type 3 pin Input and Output connectors mounted side by side for easy patching

Behind the deceptively simple front panel, though, each Phantom Plus contains some sophisticated power circuitry.

Ripple free DC Voltage is sourced from a ultra low impedance, fully short circuit proof regulated Power Supply with a passively buffered grounding system between channels to ensure that there is no grounding interaction or loops.

Each unit is hand calibrated before it leaves the factory to ensure its performance meets all professional requirements.

The Phantom Plus is housed in a stand alone all steel chassis for maximum Electro Magnetic Radiation (EMR) rejection and has an inbuilt multi-voltage AC power supply.

For maximum flexibility in use each unit comes complete with optional rack mounting ears. This means the unit can either be racked up or alternatively stored in with the console.

The Phantom Plus is ideal for any situation requiring clean and stable Phantom Power.

Phantom Plus Specifications

Noise

Immeasurable

Frequency Response

DC to daylight

Distortion

Immeasurable

Input Connector

Female XLR wired Pin 1 Ground
Pin 2 -, Pin 3 +
+48VDC applied to Pins 2 + 3

Output Connector

Male XLR wired Pin 1 Ground
Pin 2 -, Pin 3 +

Input/Output Coupling

Capacitor Coupled

Power Requirements

100 - 240 VAC, 8 watts (8 VA)
50 - 60 Hz

Construction

All steel monococque chassis

Size

17" W x 5" D x 1¾" H
432 x 130 x 44mm

Accessories

Optional rack mounting
kit included