



# PHANTOM TO T-POWER CONVERTER

## 49-224 Phantom to T-Power Converter Mk. 2

### DESCRIPTION

This device converts 48 volts from a standard phantom power feed to an A-B 12 volt supply for T-powered microphones.

Contained in an XLR barrel there is minimum insertion loss to audio signals.

Phantom power should be applied to the male XLR.

The T power appears at the female XLR connector.

Pin 2 of the female XLR provides +12VDC relative to pin 3.

#### Note:

For best performance it is recommended that the converter be used connected directly to the microphone.

### TECHNICAL SPECIFICATION

<b>Voltage out:</b>	12V DC $\pm 0.6V$ (to BS 6840: Part 15:1988)
<b>Maximum current out:</b>	9mA $\pm 1mA$
<b>AB feed resistors:</b>	180 ohms $\pm 0.25\%$ (to BS 6840: Part 15:1988)
<b>Frequency response:</b>	30Hz to 30KHz $\pm 1dB$ into 1Kohms minimum load
<b>Insertion loss:</b>	< 0.1dB at 1KHz
<b>THD:</b>	Unmeasurable
<b>Dimension:</b>	95mm long x 19mm diameter
<b>Weight:</b>	80 grams