



## Technical Data Sheet

### 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

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