

### 2 CHANNEL PHANTOM PSU E725 INSTRUCTIONS FOR USE

20-725 2 CHANNEL PHANTOM PSU E725

#### CAUTION:

- **DO NOT REMOVE ANY COVERS WITHOUT REMOVING THE MAINS SUPPLY.**
- **DO NOT OPERATE THE UNIT WITH ANY COVERS REMOVED.**
- **ALWAYS REPLACE ANY FUSE WITH THE SAME TYPE AND SPECIFICATION.**

**THIS UNIT MUST ALWAYS BE EARTHED.**

- **TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS ITEM TO RAIN OR MOISTURE.**

**THIS PRODUCT IS NOT DESIGNED FOR USE IN A DOMESTIC ENVIRONMENT.**

#### MAINS SUPPLY

The Phantom Supply is designed to operate satisfactorily on a 50/60Hz supply of nominally 230V or 115V (+10%-15%). The correct supply voltage is indicated on the side of the unit. It is not possible to change this voltage; if you have the incorrect unit for your mains supply voltage contact your local dealer for a suitable alternative.

#### - DO NOT CONNECT TO AN INCORRECT SUPPLY VOLTAGE -

The unit should be checked for electrical & mechanical safety at appropriate intervals depending on usage. Particular attention should be given to ensuring satisfactory earthing. Earth bonding & insulation resistance should be checked at initial installation. Provision should be made to isolate the supply should any servicing of the unit be required. Under no circumstances should the mains supply earth be disconnected.

#### IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Green-and-yellow :Earth  
Blue :Neutral  
Brown :Live

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured green-&-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green-&-yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured blue
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured brown.

If a UK 13A square pin plug is to be fitted then a 3A fuse should be used. If another type of plug, or a permanent connection is made then a suitable protective device or fuse should be used to protect the supply cable.

#### OPERATION

The unit has no power on/off switch. To turn the unit on connect the IEC mains lead to a suitable power source. The unit will generate a small amount of heat in normal usage.

Connection to microphones are on standard 'XLR type' connectors wired to international standards, viz

Pin 1 - Gnd (0V)  
Pin 2 - Signal +ve  
Pin 3 - Signal -ve

This unit should only be used with balanced connections. It is not suitable for microphones requiring T-power.

### TROUBLESHOOTING

The unit should provide a long and trouble free life. If you suspect that the unit may not be operating properly the following should be checked. Do not remove any covers without isolating the unit from the mains supply.

1. If the LED on the side is not lit, check that the mains supply and the mains lead are ok. Check also that the unit is operating on the correct mains supply.
2. If the side panel LED is lit check (with a meter set to read DC volts) that 48V ( $\pm 2$ ) appears between Pin1 & Pin2, and between Pin1 & Pin3 on the channel that you think is malfunctioning. If the voltage is correct then the fault lies externally to the unit.

Should either of the above show a fault with the unit, please return the item to your dealer for service, or contact ourselves.

### FUSING

There is an internal fuse fitted, it should only be replaced by the correct type. It is:-

500mA F HBC 5mm x 20mm (to IEC 127 or BS 4265)

Never fit any other type, size or rating. Always remove power before replacing the fuse. Under normal usage the fuse should never fail. It is usual for a fuse failure to indicate that an abnormal event has occurred. It is recommended that a full safety check of the unit should be undertaken if a fuse has failed. Contact your local dealer for advice.