

Technical Data Sheet

E725 PHANTOM POWER SUPPLY

20-725 EMO E725 PHANTOM POWER SUPPLY P48, 2 channel, AC mains powered, free standing

DESCRIPTION

The EMO E725 is a mains powered free standing 48V phantom power supply for up to two microphones. Microphone inputs are 3 pin Female XLR connections with corresponding 3 pin XLR Male connections for the microphone outputs. Mains power connection is via an IEC mains cable, (not supplied). A green LED indicates the unit is powered and ready for use. The unit has four black round rubber style feet that have good 'non-slip' properties.

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 standard 'XLR type' connectors wired to international standards:

Pin 1 - Ground (0V)

Pin 2 - Signal +ve

Pin 3 - Signal -ve

This unit should only be used with balanced connections for microphones requiring 48V phantom power. The EMO E725 is not suitable for microphones requiring T-power.

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 EMO E725 phantom power supply is designed to operate satisfactorily on a nominal 230V 50Hz mains supply. It is not possible to change this voltage. Contact your local dealer for a suitable alternative if a unit is required to operate at other mains voltages and/or frequencies.

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.

FUSING

If a UK 13A plug is to be fitted to the IEC mains cable 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.

Internally the unit has a 5mm x 20mm fast acting 500mA, (IEC60127), fuse fitted. If the fuse needs replacing it should only be replaced by the correct type. 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.

TROUBLESHOOTING

The unit should provide long and trouble free operation. 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 and that 48V, ($\pm 2V$), 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 Canford customer services.

TECHNICAL SPECIFICATION

Audio Input/Output	2x XLR 3 pin Female Mic inputs, 2x XLR 3 pin Male Mic Outputs
Mains input	IEC C14 Inlet, (C13 mains cable required, not supplied).
Weight	0.7kg
Dimensions	145 x 100 x 50mm