

QED MADE IN ENGLAND

TYPE NO. **MB 46**



ADD A STEREO MICROPHONE INPUT TO YOUR TAPE RECORDER

Microphone Amplifier

INDEPENDENT EARTH WIRING

QED

The MICROPHONE PRE-AMPLIFIER is primarily designed to add microphone facilities to tape recorders not equipped with such a facility.

The MICROPHONE PRE-AMPLIFIER is fitted with separate left and right channel 1/4 inch jack socket inputs together with a combined level and balance control.

A LINE/MIC switch allows the MICROPHONE PRE-AMPLIFIER to be switched 'in' or 'out' of circuit.

Internal switches adjust for microphones of different impedance and output level characteristics.

POWER SUPPLY

In the U.K. the purchase price includes a separate 12 volt 500mA plug-top power supply. In some countries it may be necessary to purchase the power supply separately — if in doubt consult your dealer.

CONNECTION

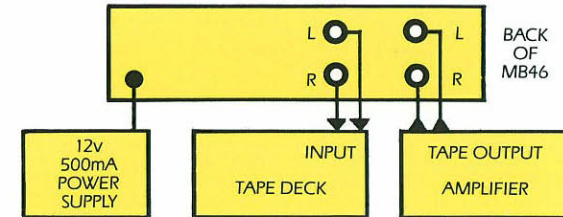
To connect the MB46, it is first necessary to disconnect the TAPE DECKS recording cables from the AMPLIFIER and route them through the MB46 as shown. An additional pair of cables will be required to connect the MB46 to the AMPLIFIER. Provision is made for both the connection of a microphone with separate left and right jack sockets, as well as a single stereo jack. When a single stereo jack is used, it should plug in to the 'LEFT' jack socket on the MB46.

OPERATION

Channel balance can be adjusted by pulling the control knob forward and turning it to the right or left as required. Releasing the control knob locks the setting, and the control reverts to a conventional stereo level control.

For MICROPHONE operation, press the push button 'in'. Release the button for conventional LINE LEVEL recordings via the system AMPLIFIER.

*The D.C. jack connections are centre pin positive, outer pin negative (polarity protected)



TECHNICAL SPECIFICATION

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| Power Supply* | : 12 volts @ 500mA |
| Input Impedance (switching internally) | : Hi — 10K |
| | : Lo — 600R |
| Gain (switching internally) | : Hi — x200 |
| | : Lo — x40 |
| Signal to Noise | : Better than 60dB |
| Maximum Output Voltage | : 250 mV R.M.S. |
| Overload Margin | : 20 dB |