

QED MADE IN ENGLAND
TYPE NO. MB 45



ADD HEADPHONES WITHOUT LOSS OF PRIME SYSTEM SOUND QUALITY

Headphone Amplifier

INDEPENDENT EARTH WIRING

QED

The HEADPHONE AMPLIFIER is primarily designed for the serious AUDIOPHILE who wishes to add headphone facilities without compromising the prime system sound quality.

All conventional headphone switching boxes rely on 'breaking' the loudspeaker cables, inevitably leading to some loss of prime system sound quality. The HEADPHONE AMPLIFIER connects directly to the pre-amp or tape output sockets thus avoiding any such sound degradation.

Both volume and channel balance can be adjusted using the dual function control.

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

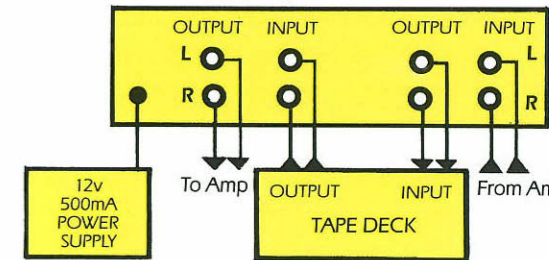
To connect the MB45, it is first necessary to disconnect the TAPE DECK from the AMPLIFIER and route them through the MB45 as shown. Two additional pairs of cables will be required to connect the MB45 to the AMPLIFIER. Up to two pairs of headphones can be directly plugged into the MB45.

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 this setting, and the control reverts to a conventional volume control.

For normal AMPLIFIER listening, press the push button 'in'. Release the button to listen to the TAPE DECK output.

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



TECHNICAL SPECIFICATION

Power Supply*	: 12 volts @ 500mA
Output	: 2 watts/channel
T.H.D.	: 0.1%
Channel separation	: 60dB
Input impedance	: 10K
Signal to noise	: 70dB