



DI-6M

6 Channel Active D.I. Box/Mixer

USER GUIDE

INTRODUCTION

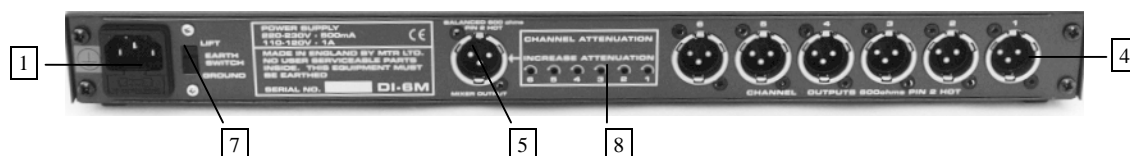
A compact and convenient solution to Direct Injection, the DI-6M offers six D.I. channels in a 1u rackmount. Each channel takes a signal from an instrument (guitar, bass, keyboards, etc.), and by presenting a very high impedance to the instrument and balancing the output, prepares it for direct connection to a mixing console in the studio, or a stage box live on stage. Each channel has very accurate and flexible attenuation, a ground lift, and a link socket, while the mixer section on the rear panel offers continuous attenuation of each channel into a single balanced master mix.

CONNECTIONS AND OPERATION

1. POWER: U.K. models are supplied with a Eurolead fitted with a 13 amp mains plug. Export models come with a Eurolead with bare wire termination, fit a suitable mains plug for your country's power supply socket. Connect this lead to the rear panel inlet socket. Always replace a blown power fuse with one of the same value: for 220-230v, 50Hz: 1.6A, for 110-120v 60Hz: 3A.

Caution: remember to switch off any phantom power from the mixing console.

2. INPUT: Connect an instrument to this mono jack socket with a screened lead.
3. LINK: Connect this output to the input of a combo for monitoring purposes.
4. OUTPUTS: Connect these 600Ω XLR sockets to a mixer or stage box mic inputs.
5. MIXER OUTPUT: Connect this master mix to a mixer or stage box mic input.
6. EARTH SWITCH: If hum occurs on a particular channel due to an earth loop, release the Ground Lift button to separate the technical earth from the Mains earth. An overall Earth lift is also provided (7) connecting Mains earth to the inputs.



To use the mixer function, insert the screwdriver supplied firmly into the rear panel holes (8) and locate the flat edge into the slot of each trim pot. Turn to adjust each output between zero (fully left) and maximum. This combined signal appears at the Mixer Output socket.

SPECIFICATIONS

Input Impedance:	1MΩ unbalanced	Attenuation:	-10dBm -20dB, -30dB ±1dB
Link Out Impedance:	200Ω	Overload Led:	+6dBu
Main Out Impedance:	200Ω balanced XLR, pin 2 hot	System Gain:	+6dB, pad out
Max Output Level:	+26dBu	Hum & Noise:	-76dB un weighted
Frequency response:	20Hz-25KHz, +0dB, -0.1dB	T.H.D.	0.08% @ 1KHz
Dimensions:	483x x 175d x 44h (mm)	Weight:	3.5Kg

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