



MTR DC-8
8 output 9v DC Power Supply for Keyboards

USER GUIDE

The DC-8 is a 9 volt unregulated DC power supply, designed to power multiple keyboards in schools and other teaching environments, and for live use on stage and in the studio. It is capable of powering 8 medium-sized keyboards. It is not intended for use with guitar effects footpedals, which need a regulated supply: use the MTR DC-8DPR for such products.

IMPORTANT - READ BEFORE USE

Casio and Yamaha have chosen to have opposite polarities for their keyboard power supplies:- Casio is 'centre pin-negative', and Yamaha is 'centre-pin positive'. If you use a power supply with the wrong polarity, a) the keyboard will not work, b) the keyboard may be damaged, and c) the keyboard or power supply will probably blow a fuse. Therefore, please note that the DC-8 from MTR Ltd. is factory set to the Yamaha standard, centre pin positive. Use **only** with products requiring this polarity, unless your supplier had included special DC leads wired for centre pin negative. (Also available is the MTR DC8-DP, a dual polarity, user-selectable model able to power both makes of keyboard).

Note also that the DC-8 produces a maximum of 4.1 amps of power, with each output designed to deliver 1/2 an amp. Large keyboards with big LCD displays and disc drives can draw 1 amp each, do not overload this unit, use instead the MTR DC-412.

CONNECTIONS AND USE

1. On UK models, insert the supplied Eurolead into the rear panel socket, and plug the 13 amp 3 pin plug into a suitable mains power outlet. Export models may have a local plug fitted, or need to have an appropriate plug fitted by the dealer/user.
2. Connect the eight outputs on the front panel to eight keyboard power input sockets using the 3 metre DC-to-DC leads supplied.
3. If a fault should develop, the current limiting circuitry instantly will shut the unit down, and the 'fault' led on the front panel will illuminate. The rear may become hot. When the fault is removed, the DC-8 will automatically re-set. Examine carefully all DC leads for shorting, and damage to the DC plug. Any suspect leads should not be used again. Remember that if you put this power supply under a bench, you may not be able to see the fault warning led!

TECHNICAL SPECIFICATION

Power:	230v AC 50Hz or 110v AC 60Hz (export only)
DC Output:	9v @ 4.1 amps, or 12v @ 3 amps loading, unregulated
Single socket out:	0.5 amp max.
Fuse:	220-230 volt areas, 800mA: in 100-120 volt areas, 1.6 amps

Also available from MTR Limited: **DC-8DP** Dual Polarity 8 way 9v DC power supply, **DC8-DPR** regulated version of DC8-DP for guitar footpedals, radio mics etc., **DC-412** 4 way 12v DC power supply for 1 amp keyboards, Multitrack Mixers, Headphone Amplifiers, Graphic e.q.'s, Power Amplifiers, Audio patchbays, Active and passive DI boxes, Phantom Power Supplies, Pre-amps, Passive Splitters, 19" racks, Acoustic Foam Sound Absorption Panels and Bass Traps.

To see our full range, download the free MTR e-book from our website. We welcome owner/user feedback, and thank you for buying British!

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