



## USER GUIDE

The DC-8DP is a 9 volt DC power supply designed to power multiple keyboards in schools and other teaching environments, and for live use on stage or in the studio. Developed from our DC-8 model, it is capable of driving continuously 8 medium size keyboards. The polarity of the outputs can be easily changed internally to accommodate Yamaha and Casio standards.

### 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 be certain that the DC-8DP is set to the correct polarity.

**RED LED = CENTRE PIN POSITIVE, i.e. suitable for YAMAHA**  
**GREEN LED = CENTRE PIN NEGATIVE, i.e. suitable for CASIO**

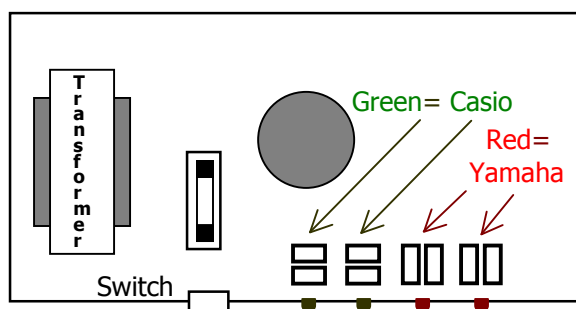
The led fitted above each pair of outputs on the front panel provide an immediate indication of the way each pair of outputs has been set.

Note also that the DC-8DP produces a maximum of 4.1 amps of power, with each output designed to deliver ½ an amp. Very large keyboards with large LCD displays and disc drives can take over 1 amp each, do not overload this unit: use the DC-412 model instead.

### CHANGING POLARITY

**Pull out the power plug from the mains socket.** Remove the lid – two screws, don't lose the shake-proof (crinkled) washer.

Close to the output sockets are 4 'jumpers' plugged into 4 pins. Each jumper (or miniature plug) controls a pair of outputs. To change polarity, withdraw a pair of jumpers, rotate them through 90°, carefully re-position them over the four pins, and press down.



### CONNECTIONS and USE

1. Plug the Eurolead into the rear panel mains socket, and the 13 amp 3 pin plug into a suitable power outlet. Export models may have a local style plug fitted, or need an appropriate plug to be fitted by the dealer or user. Use the eight 3 metre DC leads supplied to connect keyboards to the front panel 8 outputs.

2. If a fault should develop, the current limiting circuitry will shut the unit down, and the 'fault' led on the front panel will illuminate. The rear of the unit will heat up. When the fault is removed, the unit 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.

## TECHNICAL SPECIFICATION

Power: 230v AC 50Hz or 110v AC 60Hz  
 or 12v @ 3 amps loading.

Single DC out: 0.5 amp max.

DC Output: 9v @ 4 amps,

Also from MTR Ltd: Headphone amps, Power Amps, Graphic e.q., Active and passive DI boxes, Passive splitters, Phantom Power supplies, 'Gain Brain' pre-amp, Audio patchbays, 4 and 8 way 12/9v power supplies, 19" table top rack, 19" rack for non-rack equipment, acoustic foam sound absorption panels and bass traps.

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