

MICROPHONE MIXER

DI 6000

- ★ Six balanced microphone inputs
- ★ Two auxiliary inputs
- ★ Line output (1 volt)
- ★ 12, 24 VDC or 240/120 VAC operation
- ★ Stacking facilities
- ★ Frequency response – 3dB from 30-25 kHz
- ★ Rack mounting kit



TECHNICAL SPECIFICATIONS

Output

A three terminal socket at the rear provides balanced and unbalanced outputs up to 1 volt at 200 ohms. Up to ten DI series boosters can be driven by the mixer.

Microphone Inputs

Six balanced 200 ohm microphone inputs with individual volume controls with Switchcraft D3F connectors, individual volume controls for each mic input, are mounted on the front panel. Microphone sensitivity 240 u volts at 200 ohms.

Auxiliary Inputs

Two high impedance auxiliary inputs with 140 MV sensitivity and individual volume controls are provided. Access is by means of R.C.A. type sockets.

Tone Controls

Separate Bass and Treble controls provide boost or cut of 13 dB at 100 Hz or 10 kHz respectively.

Microphone Bass Cut

A special link is provided on the P.C. Board to enable an additional 8dB cut per microphone input.

Muting or Microphone Precedence

Circuitry has been allowed on the P.C. Board. A kitset is available as an option to allow muting of auxiliary 1 input.

Stacking

By means of HIZ input and output connections, several mixers may be connected in parallel.

Ancillary Equipment

Where chimes or bell simulators are required, a 12 volt DC regulated supply is available on the P.C. Board.

Circuit Protection

Electronic circuit protection will shut the mixer down in case the output is short circuited or inputs over driven.

Electrical Performance

Frequency response – 3dB from 30 Hz-25 kHz

Signal to noise ratio – 55 dB below full output of either 600 ohm output or Hiz output.

Power Source

- ★ 18 to 31 volts DC without modification
- ★ 12 volts DC by means of a lead change internally.
- ★ 240 VAC or 120 VAC 50/60 Hz

Weight: 2.7 kg.

Size: 28.9 x 19.7 x 7.3 cm.

Rack Mount: RPK35