

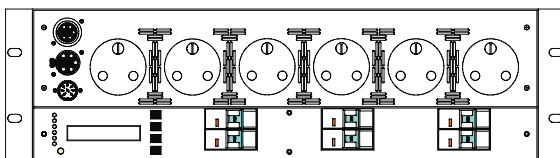
DIG 6

Six channel digital dimmer

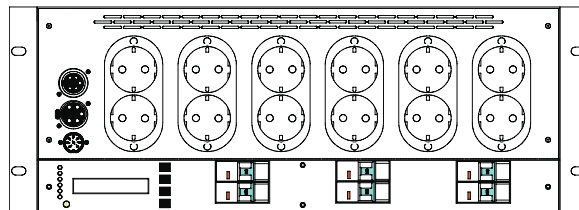
- ❑ Totally digital design allows advanced features at an economic price
- ❑ Feature setup and control using front panel LCD display
- ❑ 4 pushbuttons for navigation of simple menu structure
- ❑ Each of the six channels has independent settings for Pre-heat, Maximum level, Dimming curve and Fade in/out delay
- ❑ Complete and ready to go with inputs for DMX512 and analogue ($\pm 0-10V$) as standard
- ❑ Quick internal access whilst wired and installed in rack or flightcase
- ❑ Ready for use as part of a system or stand alone
- ❑ 9 chase patterns including smooth crossfades at 9 different speeds.
- ❑ Any chase patterns and/or pre-recorded scenes may be selected for remote activation
- ❑ Auxillary power provision for analogue consoles



3U, UK socket



4U, Schuko socket



Weights and dimensions

	Packed wgt	Height	Depth	Width	Packed Volume
6 x BS546	11kg	133mm (3 rack units)	360mm	483mm	0.28m ³
12 x BS546	14kg	178mm (4 rack units)	360mm	483mm	0.38m ³
6 x Schuko	12kg	133mm (3 rack units)	360mm	483mm	0.28m ³
12 x Schuko	14kg	178mm (4 rack units)	360mm	483mm	0.38m ³

Mechanical data

Finish/colour	Grey powder coat epoxy paint
Construction	Folded sheet steel

Environmental data

Temperature range	0-30C
Relative humidity range	0-90% non-condensing
Ingress protection	IP 30
Standards compliance	EN60439, EN60950, EN55014, EN55022, EN50082-1

Electrical and operational data

Supply voltage/frequency

230V AC nominal (link selectable to 110V AC nominal)
Frequency 50/60 Hz
Three Phase + Neutral+ Earth
Single Phase + Neutral + Earth (with supplied links fitted). Main power connector should be 60A (single phase), 20A (three phase). Recommended connector type: CEE 17 BS4343

Total capacity

Maximum load 6 channels @ 10A per channel, 60A total.
Minimum load 100W per channel

Control input

Analogue: ± 0 -10V DC (auto-sensing) via 8-pin locking DIN connector.
Input impedance 47k Ω .
DMX: USITT DMX512 (1990) via 5-pin XLR in/out connectors

Control

Analogue auto-sensing 0V to - 10V (full-on) via 10K resistor and silicon diode, or 0V to +10V (full-on) via 1K resistor and silicon diode. When DMX is active, analogue and DMX512 Mux signal can function simultaneously, with the dimmer responding to the highest level.
9 preset effects and 8 user programmable scenes are selectable via LCD interface.

Connections

Mains input cable via 32mm cable entry hole in the rear panel, using a suitable cable gland. Load connections are made with individual plugs (maximum 2 per circuit if optional second sockets are fitted). Connections also available at rear for either hard wiring or the fitting of a multicon socket.

Circuit protection

Each dimmer module is protected by a 10A thermal/magnetic MCB.

Control input

Analogue 0V - 10V (+/-), via 8 pin locking DIN connector. DMX512 (1990) multiplexed digital control on front panel. May be relocated on rear panel.

Indicators/Connectors

6 LEDs displacing channel output. LCD for configuration and input monitoring.

Cooling method

Internal processor controlled fan provides adequate cooling in any well-ventilated position.

Ordering information

Dig 6

Compact dimmer pack with six 10A 230V dimmers controlled by 0V to 10V analogue signal (plus/minus autosensing) per dimmer or DMX 512 multiplex signals. Nine internal effects, each with nine fade times, together with eight user recordable scenes may be assigned to any of the six dimmer channels. All versions accept three phase power, and include linking straps for single phase use.

Dig 6

Cat No	Description	Accessories
73081	Dig 6 with 6 UK BS546 sockets	61107 6-way & master control desk
73082	Dig 6 with 12 UK sockets	66090 DIN8 2m control cable
73082	Dig 6 with 6 Schuko sockets	66091 DIN8 5m control cable
73084	Dig 6 with dual Schuko sockets	66092 DIN8 25m control cable
		66083 DMX control cable, 2m
		66081 DMX control cable, 10m
		66082 DMX control cable, 25m

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