# ACT 6+™
Dimmer Pack

- ❑ Six 10A 230V dimmers in a rugged, portable economical pack
- ❑ Ideal for temporary lighting rigs, or small installations
- ❑ Optional dual output sockets
- ❑ Analogue input accepts positive or negative control signals
- ❑ Optional plug-in DMX module gives multiplex control capability and integral chase effects feature
- ❑ Push-button test switch and "test on" indicator on dimmer
- ❑ Fuse "OK" LED indicator per dimmer
- ❑ Provision for wall mounting or 19" rack mounting
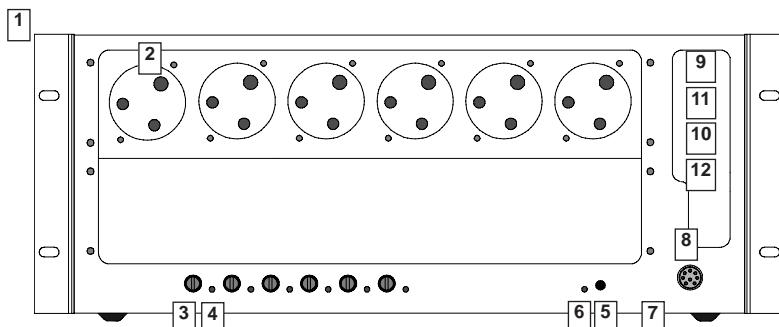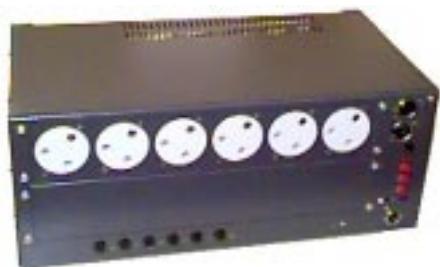
1. Reversible side plates for wall or rack mounting
2. Output sockets (2 per dimmer - optional)
3. 10A HRC fuses
4. Dimmer power indicators
5. Circuit test push button
6. Circuit test LED
7. Control signal input socket (+10V or -10V)
8. Blanking plate/optional DMX module
9. DMX input and output sockets
10. 'DMX OK' LED
11. DMX line termination switch and LED
12. Multiplex address switches (also used for auto-sequence function)

Weights and Dimensions

Weight	Height	Depth	Width	Packed Volume
9.6kg (21.12lb)	188mm (7.4")	275mm (10.8")	483mm (19")	0.107m³ (3.81cu ft)

Mechanical data

Finish/colour   Grey powder coat epoxy paint

Construction   Sheet metal enclosure. Mounting brackets are formed into the side plates which are reversible for 19" rack (4U high) or wall mounting.

Environmental data

Temperature range   0C - 35C

Relative humidity operating range   10% - 95%, zero condensation.

Operating environment/ventilation   Clean, dry ventilated space within temperature and humidity limitations.

Standards compliance   EN55014, EN50081-1, EN50082-1

Ingress protection   IP 20 (IEC529/EN60529)

Electrical and operational data

Supply Voltage/Frequency

200 - 260V, 48 - 62Hz
Three phase plus neutral and earth, or single phase plus neutral and earth. A phase link bar is supplied for single phase operation. Main power connector should be 60A or greater (single phase), 20A or greater (three phase). Recommended connector type: CEE 17 BS4343

Total Capacity

Maximum load 10A per dimmer - total 60A resistive (tungsten) loads only. Minimum load 60W per dimmer.

Circuit Protection

Each dimmer module is protected by a 10A HRC 'F' type 20mm x 5mm fuse.

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 module is fitted, analogue and DMX512 Mux signal can function simultaneously, with the dimmer responding to the highest level.

Connections

Mains input cable up to 10 mm^2 can be inserted through a 32mm cable entry hole in the rear panel or in the left hand side, using a suitable cable gland. Cable termination is made to screw terminals. Load connections are made with individual plugs (maximum 2 per circuit if optional second sockets are fitted)

Control Input

Analogue 0V - 10V (+/-), via 8 pin locking DIN connector on front panel. DMX512 (1990) multiplexed digital control on DMX module faceplate. (Multiplexed control inputs are only available when the optional DMX module is fitted.)

LED Indicators

Indication of power available to each dimmer (fuse OK). When fitted with Multimux module LEDs indicate the presence of DMX multiplex signal and status of DMX line termination.

Local Control

Dimmer test switch sets dimmer 1 to a preset level of 60%. With the DMX module fitted auto-sequencing step and fading chase effects are preset and initiated by setting the pack address switches in the range 600 to 999.

Cooling Method

Internal heatsink provides adequate cooling in any well-ventilated position.

Ordering information

Act 6+

Compact dimmer pack with six 10A 230V dimmers controlled by 0V to 10V analogue signal (plus/minus autosensing) per dimmer or optionally, multiplex signals. All versions with analogue input. By removing a blank cover panel, and installing the optional DMX module, any dimmer pack can operate with DMX 512 multiplex signals. An added feature with the Multimux module is the self-powered effects package which provides 4 effect types, selection of channels in the effect and the effect speed, each one selected by the mux start address switches. All versions accept three phase power, and include a single phase linking strap.

Cat No	Description
73310	Act 6+, single, 15A sockets
73380	Act 6+, dual, 15A sockets
73312	Act 6+, single, Schuko sockets
73382	Act 6+, dual, Schuko sockets
73313	Act 6+, single, Schuko sockets, complete with mains cable
73383	Act 6+, dual, Schuko sockets, complete with mains cable
73384	Act 6+, dual, French sockets
73316	Act 6+, single, Swiss sockets
73386	Act 6+, dual, Swiss sockets
73318	Act 6+, single, C17 sockets

Cat No	Description
73388	Act 6+, dual, C17 sockets
73320	Act 6+, blank

Optional accessories

Cat No	Description
76332	DMX interface module, DMX512
61107	6-way & master control desk
66090	DIN8 2m control cable
66091	DIN8 5m control cable
66092	DIN8 25m control cable
66083	DMX control cable, 2m
66081	DMX control cable, 10m
66082	DMX control cable, 25m

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