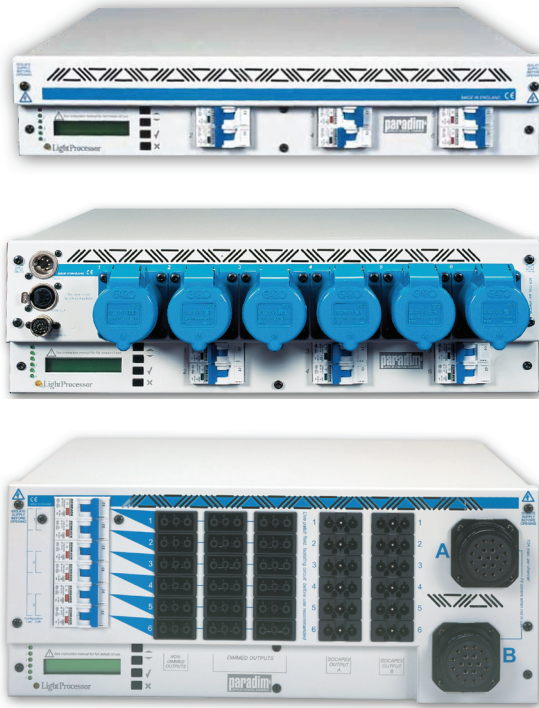


19" Rack Mount Dimmers



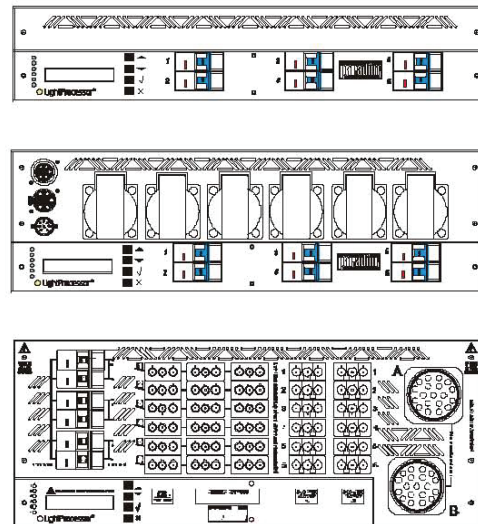
The range is based on a single tried and tested control module. Because it is digital it may be configured in a host of different ways to suit the demands of each individual application. All Paradims are built in the UK to stringent quality standards and with a ruggedness that suits them for a life of touring or hire. See overleaf for the list of models and power input/output options and note that other variants may be available to special order. Where output via Socapex (or other multi-pole) connectors is required, these can always be added via a rear sub-panel, even to those models that have output sockets on the front – flexibility that makes the Paradim a great asset in hire stock.

Similarly, all Paradims have DMX and analogue control inputs and DMX thru. All models have C-curve 10kA circuit breaker protection on each channel and an intelligent thermal management system to ensure trouble-free operation in the widest range of environmental conditions. Paradim is very service friendly. In the event that a triac or opto module needs to be changed, no tools are required. And because of Paradim's drawer-like construction such operations can be accomplished without removing it from its rack; it's just a question of removing two (or four) front panel screws.

Key Features

- Software 'lockout' on all user set options. Electrical 'lockout' on installer options
- 40 character input text message
- Easy internal access from the front of the unit whilst still installed and wired
- Power devices and drive electronics modules replaceable without tools
- Circuit breakers fitted as standard
- Selectable dimming curves, pre-heat and max/min settings for each channel
- DMX512 input and link-through on locking XLRs. 0-10V analogue input on standard 8pin DIN
- Processor controlled active ventilation system drawing air in at the rear and exhausting through the front
- Output options available by changing removable rear service plate
- Good sized connector for multi-cable connection to each output
- National socket variants available

Physical Characteristics



W485mm x D360mm
Height - Dependant on model

Location Dimmers



Key Features

- Software 'lockout' on all user set options. Electrical 'lockout' on installer options
- 40 character input text message
- Easy internal access from the front of the unit whilst still installed and wired
- Power devices and drive electronics modules replaceable without tools
- Circuit breakers fitted as standard
- Selectable dimming curves, pre-heat and max/min settings for each channel
- DMX512 input and link-through on locking XLRs. 0-10V analogue input on standard 8pin DIN
- Processor controlled active ventilation system drawing air in at the rear and exhausting through the front
- Output options available by changing removable rear service plate
- Good sized connector for multi-cable connection to each output
- National socket variants available

ORDERING CODES		
LM CODE	DESCRIPTION	
042-851/LC	6 x 10 Amp - 16 Cee17 16A outlets	
042-826/LC	6 x 16 Amp - 16 Cee17 16A outlets	
042-825/LC	3 x 25 Amp - 3 Cee17 32A outlets	
042-828/LC	1 x 63 Amp - 1 Cee17 63A outlet	

Equally as effective in the studio as out in the lot, the location dimmers are self-contained, rugged and ready to go. All versions can be controlled by external DMX, analogue input, internal memory or the local control fader bank. Thermostatic fan cooling ensures a reliable 100% duty cycle coupled with near silent operation. Available in a number of different output configurations and factory fitted with a choice of input plug. The range is based on the tried and tested Paradim module, and features tough handles and rubber feet.

Technical specification:

Power Requirements	Voltage 230V AC nominal (194-264V AC) Link selectable to 100-120V AC Frequency 48-62Hz Three phase + neutral + earth or delta Single phase + neutral + earth with links fitted (10A per channel models only)
Dimming Capacity	Six channels of dimming per dimmer unit Maximum load: 10A models 10A per channel/60A total. 16A models 16A per channel, 3-phase only 32A per phase. 96A total. 20A models 20A per channel, 3-phase only 40A per phase. 120A total. 25A models 25A per channel, 3-phase only 25A per phase. 75A total (3-channels). Minimum load All models 100W per channel
Control Inputs	Analogue 0 to +10V, (optional via 8-pin locking DIN) 20kOhm input impedance Phantom Power Output 100mA at 14V DC unregulated and current limited by 1k resistor USITT DMX512 (1990), (optional via XLR 5pin)
Output Connectors	Power output connectors are available covering a range of international standards Hardwired versions are also available with screw terminal connectors
Physical Characteristics	W485mm x D360mm Height - Dependant on model
Environment Temperature 0-30°C	Temperature 0-30°C Relative humidity 0-90% non-condensing Pollution Degree 2 Protection Classification IP30
Conformance	All Paradimes are designed to meet CE regulations covered by: LVD (using EN60439 and EN60950) EMC (EN55014 and EN50082-1)
Environment	Temperature 0-30°C Relative humidity 0-90% non-condensing Pollution Degree 2 Protection Classification IP30

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