

GENERAL SPECIFICATIONS

DESCRIPTION

Alphapack is a 3 channel fully portable unit which can also be safely secured to a stand or wall using the optional mounting bracket. It has 3 faders for local control, or it can be controlled remotely as part of a larger lighting system via analogue or DMX control signals.

A unique safety system and overload protection circuit means that the Alphapack provides a very safe and reliable solution to small dimming applications.

SPECIFICATIONS

- Number of channels : 3
- Channel capacity : 0.2A Min / 6.3A Max.
- Total dimmer capacity : 10/13/16 Amps electronically limited (Internally selectable - value factory set)
- Dimmer duty cycle : 100%
- Supply Voltage : 200-260 VAC
- Supply frequency : 50Hz / 60Hz
- Rise time : 80 μ S
- Control input :
 - Analogue 0 to +10V.
 - DMX 512 via 5 pin XLR with loop through on 5 pin female XLR.
- Desk supply : +20V @ 50mA
- Channel outlet options :
 - 3 x UK 15A Sockets.
 - 6 x 16A Schuko Sockets.
 - 6 x 16A French Sockets.
 - 6 x 6A CEE22 Sockets.
 - 9 x 10A Swiss Sockets.
 - 3 x 10A Danish Sockets.
- Channel protection : 20mm 6.3A HRC
- Cooling : Convection
- Dimensions : 240mm(W) x 315mm(D) x 82mm (H)
- Weight : 3.5 Kg

SUPPLIED ACCESSORIES

- Installation / Operating Instructions
- Fitted Mains Lead

ORDERING INFORMATION

- Alphapack UK 15A Sockets : 00-608-00
- Alphapack Schuko Sockets : 00-609-00
- Alphapack French Sockets : 00-610-00
- Alphapack CEE22 Sockets : 00-611-00
- Alphapack Swiss Sockets : 00-612-00
- Alphapack Danish Sockets : 00-613-00
- Wall/Hook Clamp Mounting Kit : 00-620-00
- DMX Termination Plug : 00-269-00



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ENGINEERING SPECIFICATIONS

ELECTRONICS

The dimmer unit shall provide 3 channels of dimming control, each channel rated at a maximum of 6.3A. The dimmer channels shall be designed to run at 100% duty cycle.

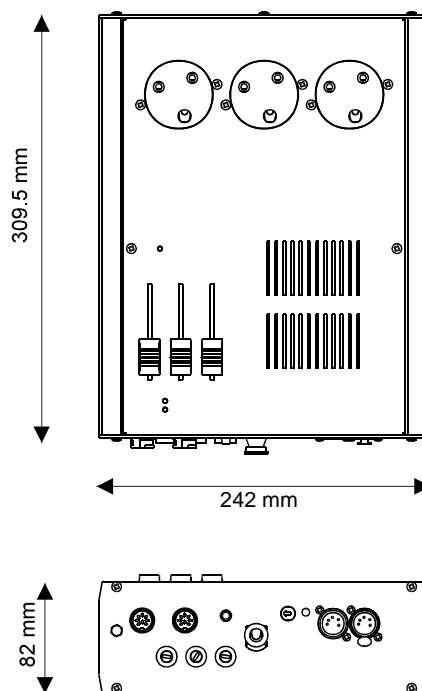
The dimmer shall have a waveform rise time of 80 μ S for each circuit, and shall be capable of dimming resistive and inductive loads and dimmable electronic transformers. Each dimmer channel shall be protected by a 20mm 6.3A HRC fuse. Control inputs to the dimmer shall be analogue 0 to +10 Volts and DMX 512. Analogue input shall be via an 8 pin locking DIN connector. The dimmer shall feature an address selection switch to set the dimmer to respond to control channels 1-3 or 4-6. LED status indicators on the front of the dimmer shall show the current selection. DMX input shall be via a 5 pin XLR fixed male with XLR 5 fixed socket loop through connector. The dimmer shall accept DMX512-1990 and shall have DMX start address selection via a switch on the end panel. The dimmer shall feature 3 faders for local control of the dimmer levels, these shall be mixed on a highest takes precedence basis with the control input. Dimmer outputs shall be via front mounted sockets complying with all local standards for the variant. The dimmer shall be convection cooled, requiring no forced air within its normal operating range.

ELECTRICAL

The dimmer shall operate on a single phase supply within the range 200-260 Volts. The frequency shall be internally settable to 50 or 60 Hz. Power input shall be via a factory installed 3m flexible cable with strain relief. Power supply shall be protected against overload by means of an internal electronic current limiter.

MECHANICAL

The dimmer shall be designed to be freestanding with the option for wall or stand mounting. The dimmer shall be 242mm wide x 309.5mm deep x 82mm in height. The sides of the dimmer shall be constructed of aluminium extrusion, and the ends constructed of 2mm gauge aluminium. All the other panels of the dimmer shall be 0.9mm gauge steel. All metal surfaces shall be properly treated and finished with specialist paints or powder coat. Front panel legends shall be screen printed. Output connections and local control faders shall be located on the front panel of the dimmer. The rear of the dimmer shall be fitted with captive rubber feet. The rear of the dimmer shall accept an optional bracket to facilitate wall mounting or mounting with a hook clamp. The normal operating environment for the dimmer shall be +5°C to +40°C.



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