

## 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. 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 (value factory set)
- Dimmer duty cycle : 100%
- Supply Voltage : 200-260 VAC / 100-130 VAC
- Supply frequency : 50Hz / 60Hz
- Rise time : 80uS
- Control input : Analogue 0 to +10V
- 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 : 32mm 6.3A HRC
- Cooling : Convection
- Dimensions : 240mm (W) x 315mm (D) x 180mm (H)
- Weight : 3.5 Kg

### Supplied Accessories :

- Installation / Operating Instructions
- Fitted Mains Lead

### Ordering Information :

- Alphapack UK 15A Sockets : 00-600-00
- Alphapack Schuko Sockets : 00-601-00
- Alphapack French Sockets : 00-603-00
- Alphapack CEE22 Sockets : 00-604-00
- Alphapack Swiss Sockets : 00-605-00
- Alphapack Danish Sockets : 00-606-00
- Wall/Hook Clamp Mounting kit : 00-620-00



## 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 80uS 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 32mm 6.3A HRC fuse. Control inputs to the dimmer shall be analogue 0 to +10 Volts 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. 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 outlets 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.

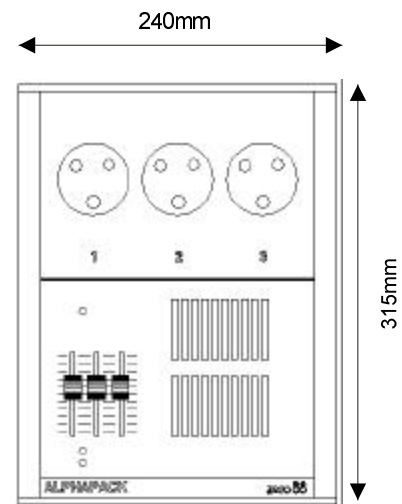
### Electrical:

The dimmer shall operate on a single phase supply within the ranges : 200-260 Volts, 50Hz and 100-130 Volts 60Hz. 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 240mm wide x 315mm deep x 180mm in height. The sides of the dimmer shall be constructed of aluminium extrusion. 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 deg C to +40 deg C.



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