

Alex M 6 prod



Alex



Alex touring



Alex flightcase





Alex M / Alex Mx

Alex M is a compact dimmer pack with 12 x 2,5 kVA or 6 x 5 kVA thyristor output stages.

Alex MX: Electronic base load allows effective dimming of fluorescent lamps.

Many functions – simply set via clear menus – support a wide range of applications.

Operating frequencies of 50 Hz or 60 Hz.

Due to its broad input voltage range Alex M / Alex Mx is ideally suited for use on generators.

Alex M offers reliable dimming of resistive and inductive* loads. Alex Mx includes an integrated electronic base load for convenient dimming of fluorescent lamps. The robust 19" rack-mountable unit is ideal for mobile use or as a stationary device.

You can use the DMX512 or 0–10 V analog for control. When the DMX512 input signal is lost, you can choose to output the last cue, switch off the outputs, run a sequence or to fade in one of 12 presets. All settings are stored in a non-volatile EEPROM and can be changed at any time.

Features:

- 12 auxiliary groups operated independently from the lighting console
- 5 control curves, including NONDIM
- 1 chaser with adjustable hold and fade-times and independent sequence selection
- Individual 0–30 % preheat setting for each channel
- Output limit adjustable from 30–100 % for each channel
- Temperature-controlled forced cooling
- Operating hours meter
- Menu-controlled setting with buttons and encoder

Alex M / Alex Mx

Technical data

Construction

19" rack-mountable unit as a standalone device or for mounting in a flight case or rack

Display

LCD, 130 x 70 mm, CFL backlit, 240 x 128 pixel

Computer system

Modern processor architecture using SMD technology

Interfaces

DMX (5-pin XLR)

RS 232 (9-pin submin-D male connector)

Analog (15-pin submin-D female connector)

Link to link a number of devices

Multicore output socket, protected with 12 miniature circuit breakers

1 m connection cable (5 x 6 mm²) with CEE plug

Power supply

400 V AC; 3 P + N + PE

CEE 32 A or CEE 63 A

per phase 200 up to 265 V AC max

48 up to 52 Hz or 58 up to 62 Hz (automatic switchover)

Power input

CEE connector 5 x 32 A or 5 x 63 A

Load output

Multicore (Harting, Socapex), others upon request

Dimensions

19", 3 U (132 mm), approx. 400 mm deep without connectors

Weight

28 kg

Cooling

Temperature-controlled fan

Safety class: IP 21

Ambient temperature Recommended: 0 to 35 °C

Atmospheric humidity:

0 % to 90 % (non-condensing)

Noise: 37dBA

Safety

In accordance with

EN 60439-1:1999

Following the provisions of

EU LV Directive(s) 2006/95/EC

EMI

EN 55015:2006 and EN 61000-6:2001

Option

Residual Current Device (RCD) 63 A / 30 mA



- An extremely high-contrast CFL backlit display makes it easy to read in high ambient lighting conditions
- DMX addressing can be set individually for each channel via the display on the front panel
- DMX and analogue control inputs combine in real-time for maximum control responsiveness
- Integrated electronic base load for convenient dimming of fluorescent lamps (Alex Mx)
- Sources of the control signals: DMX, Analog, Stored presets (individual or simultaneous)
- Cold lamps can be powered up with no restrictions
- Alex M and Alex Mx use the following control curves:
 - Linear
 - Halogen (currently not implemented)
 - Fluorescent lamps
 - Logarithmic
 - Non-Dim

Output stages

| | |
|------------------------------|----------------------------------|
| Nominal rating | 12 x 2,5 kVA or 6 x 5 kVA** |
| Power dissipation | |
| 12 x 2,5 kVA | < 1 % (300 W) at full output |
| 6 x 5 kVA | < 2 % (600 W) at full output |
| | 90 W at no-load operation |
| Minimum load | not required (0 VA) with Alex Mx |
| DC offset on output | ± 1 V (control symmetrical) |
| cos φ of the controlled load | ≥ 0,4 |
| Risetime | 400 μs |

* 50 % power output with inductive loads

** Alex Mx not available as 5 kVA model