DMX1000mA

200W Intelligent DMX Driver

FEATURES

- DMX-512A Interface
- Industry std XLR 5pin connection
- Highly efficient
- 50K Hrs+ Expected Lifetime
- LED Display interface

DESCRIPTION

The DMX100mA DMX-512A system, has been designed to the latest accreditation and is fully isolated and protected, with the ability to use a 'master' - 'slave' setup, it is a truly flexible system designed for the user and lighting designer who requires much more from their lighting systems.
Each channel can be individually tuned to optimise specific LED
forward current settings with a variable constant current output
between 350mA and 1000mA, precisely in 50mA increments
The number of LED's fitted to each channel can be varied. The power supply automatically adjusts the forward voltage between 14 - 55 VDC to allow for the number
and type of LED's being used, since most LED's have different forward voltages.
The DMX1000mA driver will cater for them all, it also compensates for voltage drop over long cable runs.
Ultimate reliability is ensure with multiple protection systems to enable increased longevity for all lighting installations.
An internal sensor measures the PSU Temperature itself to ensure that the system is optimised whatever the environmental conditions whilst a closed loop feedback monitoring facility for the LED fixtures can be activated during
set-up enabling four different temperature profile setting.

OUTPUT

Load	Output Voltage	Output Current	Output Connection Type
5-55W per channel	14 - 55VDC	350-1000mA	8 Pin Terminal

INPUT

Input Voltage	Frequency	Power factor	Efficiency	Connection
100-240VAC	50/60Hz	0.98	85%	IEC

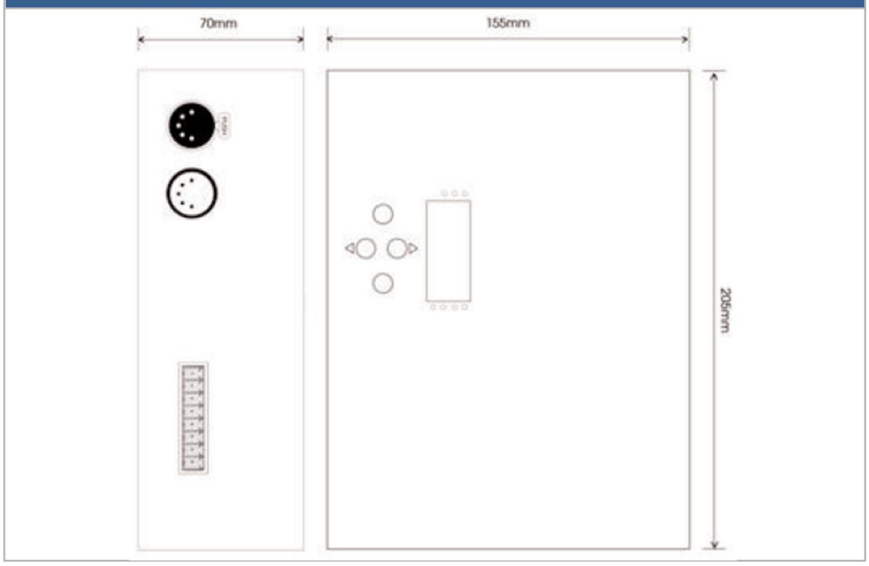
Environmental

Ambient (degrees C)	Case Temp (degrees C)	Humidity
-20 to +50	+65	80%

CONTROL INTERFACE

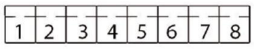
Type	Connection	Dimming	DMX Start Address
DMX-512A	5 Pin XLR	0-100%	001 - 510

MECHANICAL DIMENSIONS



WIRING INFORMATION

Warning: There are no common cathode or anode connectors.
Do not mix or cross LED fixture terminal pairs

8 - Pin Terminal Block

1 = Channel 1+	5 = Channel 3+
2 = Channel 1-	6 = Channel 3-
3 = Channel 2+	7 = Thermistor Ground
4 = Channel 2-	8 = Thermistor Temp