

DR-SD12

DMX 512 Multichannel LED Driver

Adjustable current source solution,
Caters LED 435W LEDs / 12 channel,
Allows the flexibility needed in driving
your high brightness LED's.



DIN Rail Mount
273 * 75 * 58mm
Terminal Block Plugs



Constant Current
Max 435w, 12 Ch
50mA-700mA Current



DMX 512
LCD & Screen Keys



Self diagnostic protocol
Line & Circuit protection
Thermal protection

FEATURES

- High efficiency (up to 95%)
- 1 to 12 LED per channel (based on forward voltage up to 15 LED)
- Manual output levels control via LCD Menu
- Smooth fade control with continuous current output
- Easy profile & installation
- Flicker-free dimming and Active Thermal Protection

OUTPUT

- 350mA = Max. 144 LEDs / 12Ch
- 700mA = Max. 144 LEDs / 12Ch
- Max. 48VDC
- Up to 700mA per channel



Netanya Stadium / Lighting design: Kobi Rosenthal

GENERAL		350MA	700MA
Rated Output Power		Max. 172.8W	Max. 345.6W
Output Voltage		2~48VDC	2~48VDC
Driving Current		Max. 350mA	Max. 700mA
Output CHs Configuration		4 Outputs total 12 channels	4 Outputs total 12 channels
Channel Driving Capabilities		Min. 1 LED per channel Max. 12 LEDs per channel	Min. 1 LED per channel Max. 12 LEDs per channel
Total Driving Capabilities		1W LED - Max. 144	3W LED - Max. 144
Optimal Output Resolution		256 grades (per channel) Total grades (each output)	256 grades (per channel) Total grades (each output)
PROTECTION			
Fixture Protection		Open line protection Short line protection Wrong interconnection protection	Open line protection Short line protection Wrong interconnection protection
Thermal Protection		Thermal Feedback	Thermal Feedback
DMX Protection		Over Voltage Protection	Over Voltage Protection
CONTROL INTERFACE			
Control Method		DMX 512	DMX 512
Stand Alone Working Mode		Adjustable / 1 - 12 Channels	Adjustable / 1 - 12 Channels
ENVIRONMENT			
Ingress Protection		IP 40	IP 40
Operating temp		-18°C ~ 40°C / -0.4°F ~ 104°F	-18°C ~ 40°C / -0.4°F ~ 104°F
Storage temp		-18°C ~ 40°C / -0.4°F ~ 104°F	-18°C ~ 40°C / -0.4°F ~ 104°F
Humidity		85% RH	85% RH
PHYSICAL			
Connections		Pluggable Terminal Block External power supply	Pluggable Terminal Block External power supply
Size		272 * 75 * 58mm	272 * 75 * 58mm

