





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.



	<ul style="list-style-type: none"> DIN Rail Mount 273 * 75 * 58mm Terminal Block Plugs
	<ul style="list-style-type: none"> Constant Current Max 435w, 12 Ch 50mA-700mA Current
	<ul style="list-style-type: none"> DMX 512 LCD & Screen Keys
	<ul style="list-style-type: none"> 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

