



## VENTIDRIVE

### 24 CHANNEL LED DIMMER

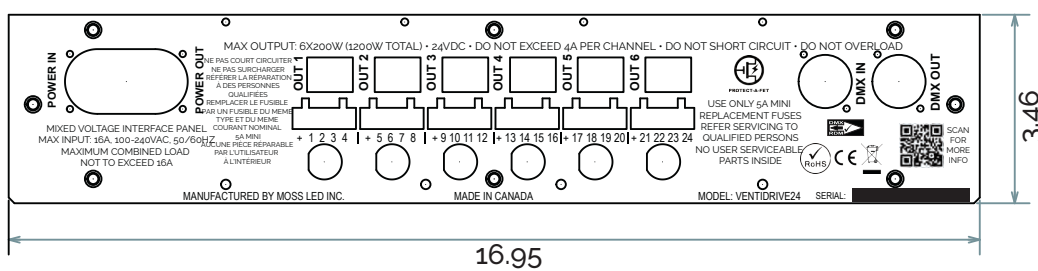
The VentiDrive is a 24 channel LED dimmer with 1200 watts of output capacity @ 24VDC.

The innovative design allows for fast plug'n'play connectivity and allows you to be up and running in no time. It features precision dimming from 0 - 100%, 8-bit or 16-bit modes, PWM frequency adjustment from 500Hz to 35kHz, full manual control, and dimming curve adjustments.

Each channel has a maximum power output of 4A (96 watts @ 24VDC or 48 Watts @ 12VDC up to 960W total output). The VentiDrive is available in either 12VDC or 24VDC models. Its rugged chassis is capable of being mounted via clamps, in a rack, stacked on top of each-other, or screwed into a wall and allows it to be placed in virtually any location. Industry-standard 5-position terminal plugs allow for universal connectivity to as many LED products as possible. TRUE1 connectors, auto-switching internal power supplies allow for power input from 90 - 250VAC. Whisper-quiet 16dB fans keep the unit cool in any location and to top it all off the VentiDrive can be remotely addressed via RDM. Delivering 50A @ 24VDC or 80A @ 12VDC this is the most powerful LED dimmer with on-board power supply on the market!



<p><b>Input</b> 14A 115VAC / 7A 230VAC 90-305VAC-50-60Hz</p>	<p><b>Output</b> 24 x 24V DC @ 4A/Channel (50A max) 24 X 12VDC @ 4A/Channel (80A max)</p>	<p>Protect-A-FET</p>	<p>PWM Frequency Adjustable between 500Hz - 35kHz</p>	<p>Fuse Protection</p>																
<p>Over Current Protection</p>	<p>Over Temperature Protection</p>	<p>Weight 10.98 kg 24.2 Lb</p>	<p>Overload</p>	<p>Short Circuit Protection</p>																
<p>Over Voltage Protection</p>	<p><b>Dimensions</b> L 381 mm 15.75" W 433 mm 16.95" H 88.1 mm 3.46"</p>	<p>Rubber feet on bottom for stacking Holes on rack ears for standrd rack-mount or for hanging including safety chain holes</p>	<p>Certified</p>																	
<p>2U Rack Mount or Wall Mount Movable Rack Ears: Front &amp; Top</p>	<p>Plug n' Play</p>	<p>DC OUTPUT - 5 POSITION TERMINAL BLOCK</p> <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>COMMON</td><td>CHANNEL 1</td><td>CHANNEL 2</td><td>CHANNEL 3</td><td>CHANNEL 4</td></tr> </table>	1	2	3	4	5	COMMON	CHANNEL 1	CHANNEL 2	CHANNEL 3	CHANNEL 4	<p>AC OUTPUT - TRUE1 NEUTRIK CONNECTOR</p> <table border="1"> <tr><td>1</td><td>Neutral</td></tr> <tr><td>2</td><td>Live</td></tr> <tr><td>3</td><td>Ground</td></tr> </table>	1	Neutral	2	Live	3	Ground	<p>Temperature Range - 40°C to +90°C -40°F to +194°F</p>
1	2	3	4	5																
COMMON	CHANNEL 1	CHANNEL 2	CHANNEL 3	CHANNEL 4																
1	Neutral																			
2	Live																			
3	Ground																			



**DO NOT** expose device to excessive moisture. Indoor use only.

# TECHNICAL SPECIFICATIONS

Output Voltage (V)	: 24V DC	12V DC
Output Current (A)	: 50A (6 X 8.34A)	80A (6 X 13.34A)
Output Power (W)	: 1200 W (6 X 200W)	960 W (6 X 160W)
Agency Approvals	: CE/RoHS/cUL (field evaluated)	CE/RoHS/cUL (field evaluated)
Size (inches)	: 17L X 15.75W X 3.5H	17L X 15.75W X 3.5H
PWM Frequency	: 500 Hz ~ 35 kHz	500 Hz ~ 35 kHz
Dimmers	: 24 Channels	24 Channels
Line & Load Regulation (%)	: 0.5%	0.5%
PSU Efficiency	: 95%	92%
Frequency Range	: 47 ~ 63 Hz	47 ~ 63 Hz
Universal AC input	: 90 ~ 250VAC 127 ~ 431VDC	90 ~ 250VAC 127 ~ 431VDC
Low leakage current	: .75mA	.75mA
Protections:	: short circuit, over voltage, overload, over current, over temp	short circuit, over voltage, overload, over current, over temp
AC Input Connector	: Neutrik True1 Input & Pass-Thru	Neutrik True1 Input & Pass-Thru
Housing	: Fully enclosed aluminum housing	Fully enclosed aluminum housing
Medical safety approved	: 2 x MOPP between primary and secondary	2 x MOPP between primary and secondary
Class	: Class 2 power (24 channels @ 4A each)	Class 2 power (24 channels @ 3.34A each)
Indicator	: Front LCD Screen - See Specification Sheet for Details	Front LCD Screen - See Specification Sheet for Details
Standby Power Consumption	: < 10 watts	< 10 watts
Output Connector Type	: 5 Position Terminal Block	5 Position Terminal Block
Output Connector Lock	: No	No
Output Polarity	: Refer to Specification Sheet	Refer to Specification Sheet
Weight	: 24.2 lbs	24.2 lbs
Mounting Options	: Movable Rack Ears (Front & Top) Front for Rack Mount & Top for Hanging. Rubber Feet on Bottom for Stacking	Movable Rack Ears (Front & Top) Front for Rack Mount & Top for Hanging. Rubber Feet on Bottom for Stacking
Cooling	: Forced Air via 2 Whisper-Quiet 16db Fans	Forced Air via 2 Whisper-Quiet 16db Fans
Product Type	: Multi-Channel LED Dimmer W/On-Board Power Supply	Multi-Channel LED Dimmer W/On-Board Power Supply
MFR Product Family	: VENTIDRIVE	VENTIDRIVE
Operating Temperature	: -40°C to 90°C	-40°C to 90°C
Chassis Color	: Black	Black
Wiring Color Codes Output	: *Refer to Specification Sheet	*Refer to Specification Sheet

