

High-power digital controller (DPC, 48V)

LS-DPC-HP series · Light controllers · 2 models

LS-DPC series digital controller mainly powers 48V LED lights and can be controlled from the front panel or by serial communication (remote control). It provides 256 brightness steps (0-255) and a built-in external trigger function for easy on-off switching.

Features

- 256 levels digital control
- Support RS232 communication
- Memory function while power off
- Overload protection function
- High speed optocoupler isolation trigger
- Constant voltage output controlled by panel or RS232



Common specifications

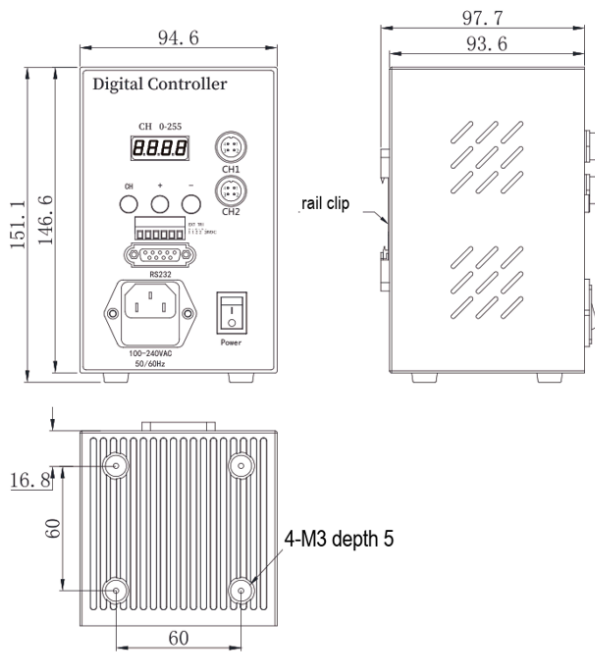
Output CH	2CH
Input voltage	AC100-240V 50/60Hz
Control method	Buttons, RS232
External trigger voltage	5-24V
Dimming	256 levels (0-255) per channel
Keys	CH = change channel, + = increase, - = decrease brightness
Display	Shows channel and level (e.g. 1 125); H1 = constant on (trigger turns off), H0 = constant off (trigger turns on)
Serial Port	RS232, DB9 female ('DP9' as printed), ASCII data
Trigger port	High speed optocoupler isolated; common positive or negative connection; COM = common, numbers = channel inputs, NC = blank, +24V/GND = DC 24V output
Memory	Settings memorised at power off
Protection	Overload protection
Ethernet	not listed in catalog
Output connector	4-pin round: 48V light +/-, 24V fan +/-

Models

Model	Output voltage	Single CH current	Total output current
LS-DPC48150-2H	22~48V	3A	3.2A
LS-DPC48500-2H	16~48V	7A	10.5A

Dimensions

< < LS-DPC48150-2H Dimensions > >



< < LS-DPC48500-2H Dimensions > >

