

MASTER CONTROLLER FOR LED FIXTURES

Digital Master Controllers "single channel": your best solution for any LED luminaire control with RJ 11, RJ 12 or RJ 14 connection. Two of the most important features are the autodim function and the emergency stop. When the temperature in the grow room rises beyond the level selected in the climate control of your grow room, the grow room can be damaged without the possibility of recovery. The temperature sensor detects this and will automatically dim the lights, so that the selected temperature is not exceeded and maintained.



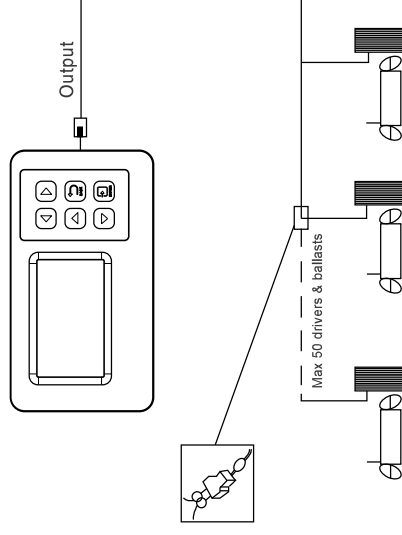
FEATURES

Working with 0-10v(0-11.5v) dimmable devices

- Switching ON/OFF by 0-10v signal
- Plug & Play. Easy operation
- Auto dimming or shutting OFF under abnormal Ambient Temperature
- Controls up to a maximum of 25 LED devices (depending on the quality of the LED / LED driver, it can even be up to 50 devices)
- Auto Pilot by Daily cycle or Custom Cycle (Countdown)
- Sunrise & Sunset

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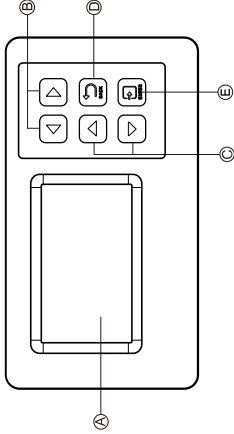
Diagram



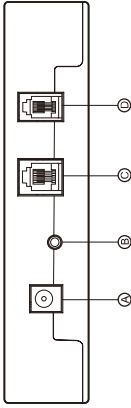
HOW TO CONNECTING

1	Make sure all fixtures are under External Control mode
2	Plug in the RJ14 cable to controller RJ45 port(OUTPUT)
3	Another RJ14 plug into splitter INPUT port
4	Use RJ14 cable to connecting current Splitter Output port to the next splitter Input,and so on

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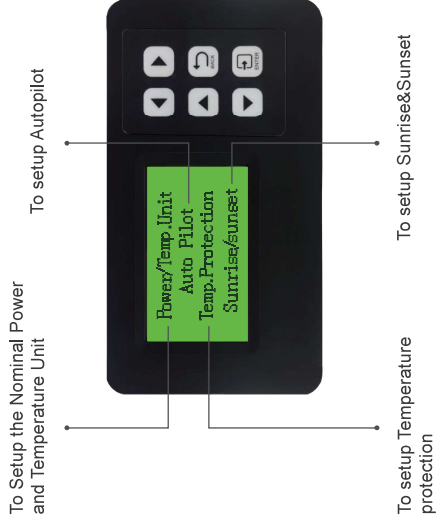
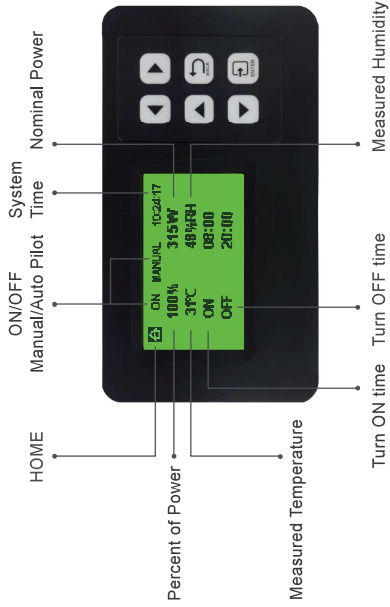


FRONT VIEW		
FUNCTIONS		
A	DISPLAY	STATUS AND PARAMETERS
B	LEFT/RIGHT BUTTON	MOVES CURSOR
C	UP/DOWN BUTTON	CHANGES PARAMETER
D	BACK	BACK TO LAST MENU
E	ENTER	CONFIRM



INPUT/OUTPUT PORTS	
A	DC5V INPUT
B	TEMPERATURE AND HUMIDITY SENSOR INPUT
C	RJ45 PORT for 0-11.5V SIGNAL OUTPUT
D	RS-485 CAN-BUS port

Main Menu



Setup



★ LEFT/RIGHT button to the HOME icon press ENTER



★ Move cursor to the menu and press ENTER



★ **Power/Temp.Unit**
Setting Nominal Power and Temperature Unit



★ **Auto Pilot**
Program timer settings



★ **1) Daily Cycle**
Turn ON at hh:mm
Turn OFF at hh:mm



★ **2) Custom Cycle (Countdown)**
xx:xx hours to OFF
xx:xx hours to ON



★ **Temp.Protection**
Setting the protection conditions based on ambient temperature.
-It will automatic DIMMING DOWN to 50% when ambient temperature higher than the set Auto-Dim Ta level.
-It will automatic SHUTTING OFF when ambient temperature higher than the set Shut-Down Ta level.
-It will automatic recover if ambient temperature dropped greater 5 degree than set level.



★ **Sunrise/sunset**
Activating or Disable the Sunrise&Sunset, and Setting the Ramp time.

Technical Specifications

LTEM	SPECIFICATIONS
Input Power	5V/2A
Output Signal	0-10V/50mA
Ambient Temperature	0-45 °C
Weight	310g
Dimensions	145x80x28mm

Content

Controller	AC/DC Adaptor	Temperature & Humidity Sensor	RJ14 cable
1 unit	1 pcs	1 set	1 pcs