Lighting Controller GLC-1

The Medic Grow lighting controller is a dual-channel smart controller that enables the grower to control up to 100 fixtures. Protect your garden with dedicated temperature sensors that provide real-time data and automatic on / off switching, plus precise temperature / humidity readings.


FEATURES

- Switchboard not needed.
- Easy and safe installation (low voltage device).
- Protection against short circuits.
- Double temperature safety feature.
- Control for up to 100 ballasts.
- Output displayed as W or %.
- Auto shutdown at desired temperature setting.

Performance	
Input voltage	5V DC
Select ballast type	400 W / 600 W / 630 W / 1000 W / CUSTOM
Set output level	50-115%
Outputs	2
Temperature sensors	2
Number of ballasts per output	100
External controller modules	2 optional

Dimension		
Case Length	152 mm	5.98"
Case Width	85 mm	3.35"
Height	32 mm	1.26"
Weight	210 g	0.46 lb

SETTING STEPS
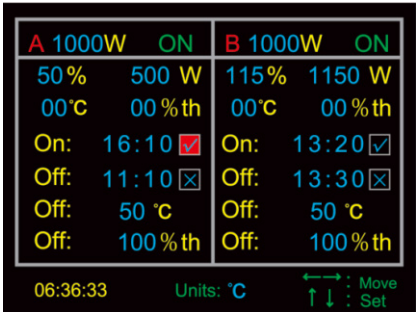
|	
1	Long press [SET] to show cursor
2	Press ◄ or ► and move the cursor where it needs to be set
3	Press ▲ or ▼ to change value
4	Repeat step 2 and 3 to change other values
5	Press [SET] to save and exit
6	"√" = timing is effective, and "×" = timing is ineffective

CONTROLLERS
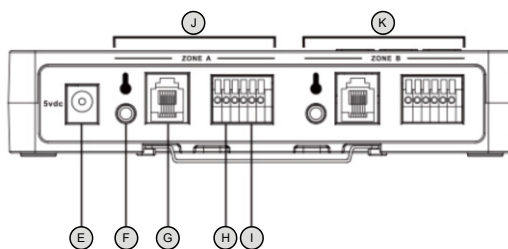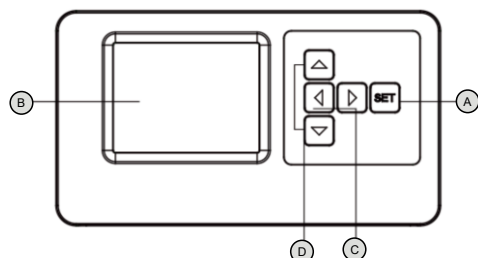
Key		Function			
A	Set	To get cursor (long press) / Confirm (short press)	F	3.5 mm jack aux temperature sensor
B	Display	Display status and controller menu	G	RJ11 aux port for controlling up to 100 ballasts
C	Right / Left	Move cursor	H	Relay switch controlled by temperature sensor
D	Up / Down	Change the Value	I	Relay switch controlled by humidity sensor
E	5 V DC input		J	Zone A
			K	Zone B, same functions as Zone A

CONNECTING THE CONTROLLER TO EXISTING BALLASTS

1	Switch the rotary knob on all ballasts to "EXT."
2	Plug the RJ11 end of the provided controller cable into the RJ11 main port of the controller.
3	Plug the RJ11 end of the controller cable(s) into the input of a RJ11 splitter. Use an interconnect cable to connect one output of the RJ11 splitter to the RJ11 port of the ballast.
4	Use an interconnect cable to connect one output of the RJ11 splitter to the input of the following RJ11 splitter.
5	Repeat this process to connect up to 100 ballasts.
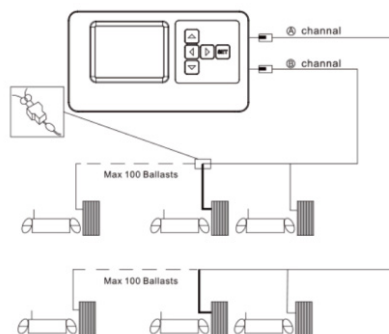
CONNECTING THE CONTROLLER TO REMOTE BALLASTS

1	Switch the rotary knob on all ballasts to"EXT"
2	Plug the RJ11 end of the provided controller cable into the RJ11 main port of the controller
3	Plug the RJ11 end of the controller cable(s) into one of the two RJ11 ports of the first ballast
4	Connect the remote ballast to the next ballast in line using an interconnect cable with RJ11 plugs. Up to 100 ballasts may be daisy chained this way.