HERO-LED

LED Grow Light Remote Controller

Operation Manual

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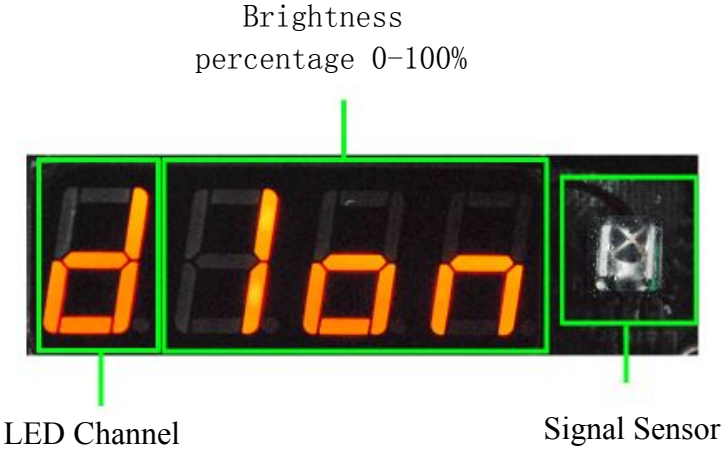
Ⅰ Controller

Functional Keys :

	On/Off		Brightness Increase / Decrease by 10% (All LED)
	Mode Selection		Brightness Increase / Decrease by 1% (All LED)
	Time/TEMP		LED Channel Selection (left) Right Navigation (right)
	Multiple Units Linking		Channel A - Brightness Only Increase/ Decrease
	Reserved		Channel B - Brightness Only Increase/ Decrease
	Timer		Unused
	OK		Unused

Ⅱ Display Screen



Ⅲ Brightness Intensity Adjustment

①Press ▼ ▲ , the brightness of all LEDs will be changed gradually by 1%, press +10 -10 the brightness of all LEDs will be changed by 10% .

② Press A+ A- B- B+ C+ C- D+ D- to adjust the brightness of each LED channel .

IV Standby Mode

① When press ⏻ , all LEDs will stop working but the power still maintained within the system, the whole fixture is then under standby mode . If you intend to stop the light for a long time, pls turn off the switch so as to save energy.

② The light will be awake when ⏻ was pressed again and all the previous settings will be recovered.

V System Time Setting

① When under the default state (brightness display), press TIME TEMP to enter system time setting, for hour set up, press ◀ ▶ , for minute set up, press ▼ ▲

② Press TIME TEMP again or OK to save system time setting and enter the LED working temperature checking interface. The third time press of TIME TEMP will exit the setting and return to the default state.

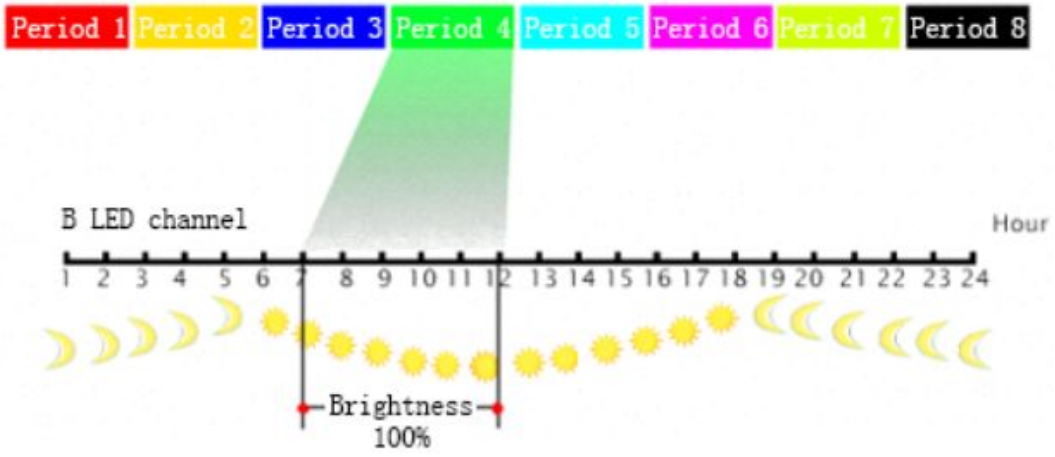
Ⅵ Timer

There are 8 varying brightness periods available for each LED channel in a 24-hour circle , the brightness and duration of each period can be adjusted according to user's preference.

(PS: The timer function is based on the system time,please make sure the system time is correct before you go for the timer setting.)

Setting Demonstration

Target: To set B LED channel to be 100% brightness in 4th period which is from 7:00AM-12:00AM.



Steps	Key used	Procedures	Display Screen
①		Enter timer setting	
②		Choose LED channel	
③		Choose the varying period	
④		Activate the timer	
⑤		Confirm and enter the next step	
⑥		Get start to timing the period Left key/right key (minute) Up key/down key (hour) 7:00 in this case	
⑦		Confirm and enter the next step	
⑧		Define the expected brightness UP (increase) /Down (decrease) 100% brightness in this case	
⑨		Save settings	

⑩ Use the above method to define B LED channel to be other brightness at 12:00.

END

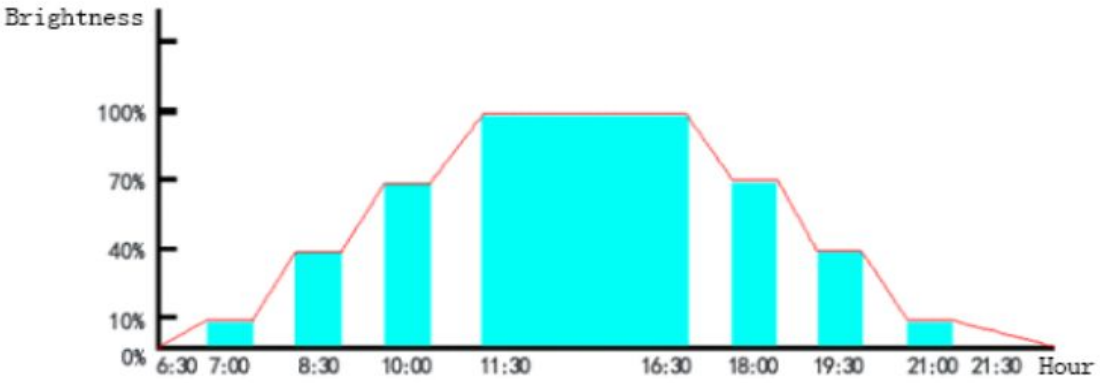
Ⅶ Auto Run Mode

① How to choose auto run mode?

When under the default state (brightness display), press Mode to enter the mode choosing interface and then press ▼ ▲ to choose “0” auto run mode, press OK to save settings.

② How does auto run mode work ?

Auto run mode imitates the natural lighting effect, from sun rise to sun set ,



(Lighting schedule graph of auto run mode)

Lighting schedule table of auto run mode

A LED channel		B LED channel		C LED channel		D LED channel	
6:30	0%	6:30	0%	6:30	0%	6:30	0%
7:00	10%	7:00	10%	7:00	10%	7:00	10%
7:30	20%	7:30	20%	7:30	20%	7:30	20%
8:00	30%	8:00	30%	8:00	30%	8:00	30%
8:30	40%	8:30	40%	8:30	40%	8:30	40%
9:00	50%	9:00	50%	9:00	50%	9:00	50%
9:30	60%	9:30	60%	9:30	60%	9:30	60%
10:00	70%	10:00	70%	10:00	70%	10:00	70%
10:30	80%	10:30	80%	10:30	80%	10:30	80%
11:00	90%	11:00	90%	11:00	90%	11:00	90%
11:30	100%	11:30	100%	11:30	100%	11:30	100%
16:30	100%	16:30	100%	16:30	100%	16:30	100%
17:00	90%	17:00	90%	17:00	90%	17:00	90%
17:30	80%	17:30	80%	17:30	80%	17:30	80%
18:00	70%	18:00	70%	18:00	70%	18:00	70%
18:30	60%	18:30	60%	18:30	60%	18:30	60%
19:00	50%	19:00	50%	19:00	50%	19:00	50%
19:30	40%	19:30	40%	19:30	40%	19:30	40%
20:00	30%	20:00	30%	20:00	30%	20:00	30%
20:30	20%	20:30	20%	20:30	20%	20:30	20%
21:00	10%	21:00	10%	21:00	10%	21:00	10%
21:30	0%	21:30	0%	21:30	0%	21:30	0%

it offers an lively lighting environment for all plant creatures.

Ⅷ Memory Function

① The remote control system automatically saves the current settings in every 45s. If there is a power interruption, the system will recover the latest settings in next start-up.

② The system memory can last for three months without power recharge. There is no need to replace the built in battery, it is permanent.

Ⅸ Multiple Units Linking

The default setting allows one controller to control all the units that are operating simultaneously. If single unit control is required, pls follow the next steps:

Step ① To assign each unit's ID with a non "0"number, notice these numbers should not be the same.

Operation--when under the default state (brightness display),press

to enter the ID setting, use to choose ID number, press

to save setting.

Step ② To pair up the controller and the single unit.

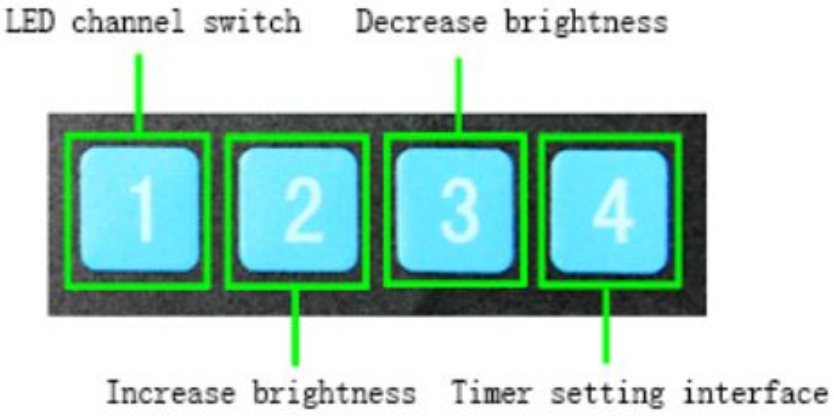
Operation--when under the default state (brightness display),press

twice to enter the ID collation interface, input the number that has been selected before in step ①, press

again to confirm and finish the pair up. Now, you are able to control the single pair up unit.

If you want to control two or more units at the same time, all you have to do is to give them a same ID number.

X Manual Control



(Control panel)

①System time setting, LED working temp checking

Long press 1 to enter the system time setting interface, use 2 3 to adjust minute and 4 to adjust hour. Long press 1 again to enter the LED working temp checking . The third time press of 1 returns the interface to default state.

②Timer

A Long press 4 to enter the timer function

B Press 4 again to activate the timer function

C Press 2 to select the LED channels (A/B/C/D)

D Press 3 to select the brightness varying period (1/2/3/4/5/6/7/8)

E Press 1 to confirm and enter the next step

F Get start to timing the period, 2 3 for minute, 4 for hour

G Press 1 to confirm and enter the next step

H Press 2 3 to define the expected brightness

I Press 1 to finish all the settings

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