

CONTROLLER

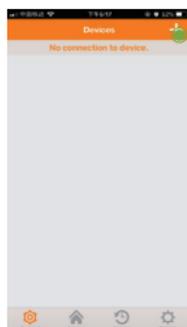
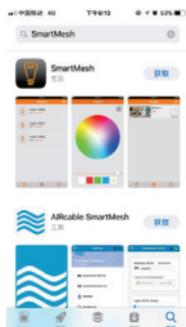


Product Advantage

For Dimmable electronic ballast

- No need for a switchboard
- Easy and safe installation(low voltage device)
- Protected against short circuit
- Double temperature safety feature
- Control up to 100 ballasts
- Show output as W or %
- Auto shutdown at temperature setting
- APP Smart control of ballast

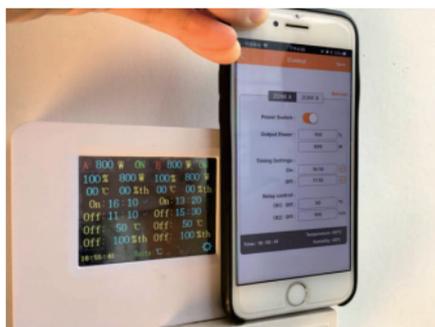
Connect Phone with your controller



On setting ID page, there is ID's QR code to scan. (See page 5)

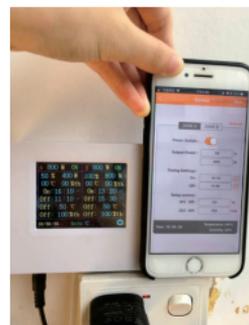
1. Download "SmartMesh" from APP Store or Google Play

2. Turn on Bluetooth on Phone, click "+" and scan QR code on the back of Master Controller. Then click "Next"



3. Click "PL Controller"

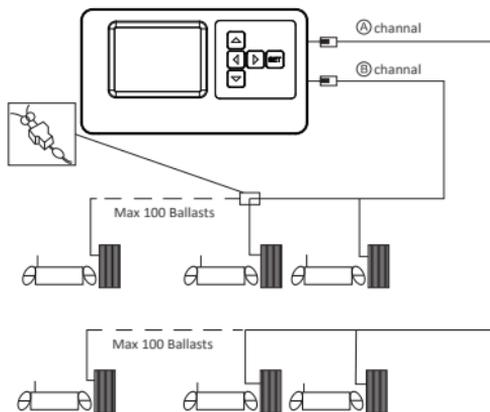
4. After the phone is successfully connected to the controller, the "No connection to device" prompt at the top will disappear.



5. Setting Done, then click SAVE

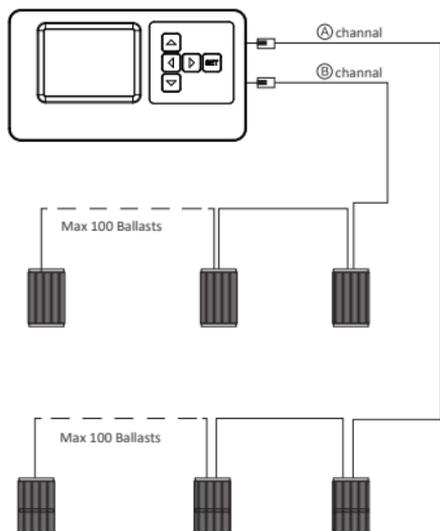
6. Done

Introduction to product connection



Connecting the controller to complete ballasts

- 1 Switch the rotary knob on all ballasts to "EXT"
- 2 Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
- 3 Plug the RJ14 end of the controller cable(s) into the input of a RJ14 splitter. Use an Interconnect cable to connect one output of the RJ14 splitter to the RJ14 port the ballast
- 4 Use an interconnect cable to connect one output of the RJ14 splitter to the input of the following RJ14 splitter
- 5 Repeat this process to connect up to 100 pcs ballasts



Connecting the controller to complete ballasts

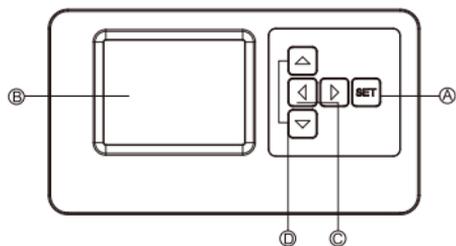
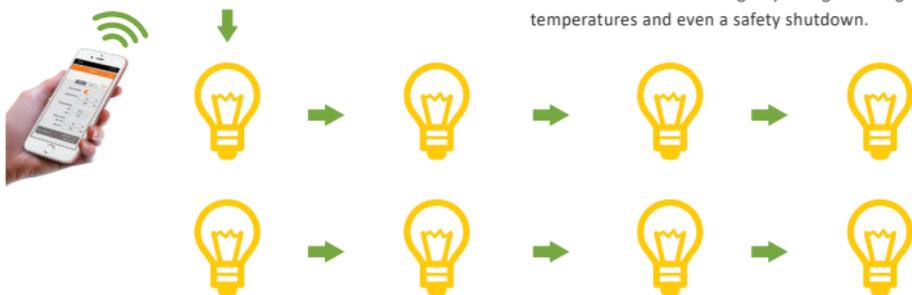
- 1 Switch the rotary knob on all ballasts to "EXT"
- 2 Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
- 3 Plug the RJ14 end of the controller cable(s) into one of the two RJ14 ports of the first ballast
- 4 Interconnect the remote ballast to the next ballast in line using an interconnect cable with RJ14 plugs. Up to 100 pcs ballasts may be daisy chained this way

master controller

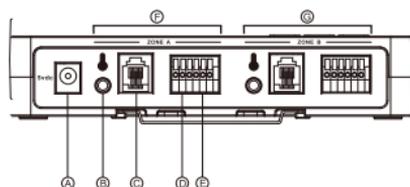
- 💡 Set output level from 0% to 115%.
- 🕒 Sunrise/Sunset Timing Setup.
- 📶 Temperature and Humidity Sensors with solid cable connection.
- 📱 APP Operation on the Phone to Master Controller via BlueTooth.



- ◆ These fixture can be controlled centrally by our Smart controller.
- ◆ This replaces the often cumbersome installation with contactors and clocks, adds safety features such as automatic dimming of your lights at high temperatures and even a safety shutdown.



CONTROLLERS		
	key	Function
A	Set	To get cursor(long press)/Confirm (short press)
B	Display	Display status and controller menu
C	Right/Left	Move cursor
D	Up/Down	Changer the Value



CONNECTIONS	
A	5V DC input
B	3.5mm Jack aux temperature sensor
C	RJ14 aux port for controlling up to 100 pcs ballasts
D	Relay switch controlled by temperature sensor
E	Relay switch controlled by humidity
F	Zone A
G	Zone B, same functions as Zone A

Using Steps



Setting

- ★ (1) Click Setting Icon on the Lower Right Corner



- ★ Menu



- ★ 0-10V.PWN exchange



- ★ Sunrise/sunset settings:
 1. Group A corresponds to Zone A, Group B corresponds to Zone B.
 2. Click the "Active" button to start the sunrise/sunset function of the group, Click the "Disable" button to stop the sunrise/sunset function of the group.
 3. The gradient time can be set from 0 to 60 minutes.



- ★ On setting ID page, there is ID's QR code to scan



- ★ Help Page



- ★ Custom power : Custom power can be selected in the power settings on the main page.
 - Percentage (Min) : Set the minimum percentage of main page power.
 - Percentage (Max) : Set the maximum percentage of the main page power.



400	
600	
630	The Default Power
800	
1000	
315	User Custom Power

- ★ (2) Return back to home page, it is set successfully.

- ★ Notes : Above is the power setting or order, User Custom Power comes last, users can choose the corresponding power according to the needs.

APP Instruction

This product can be controlled via a mobile phone app. IOS version app supports 10.0 and above system version, Android version app supports 6.0 and above system version. The app can be downloaded in the App Store or Google Play.



Android



IOS