

Solux®

MASTER controller digital

For dimmable
electronic ballasts



EN

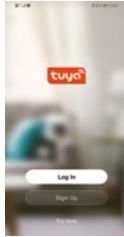
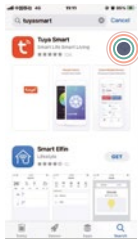
FEATURES

- Working with 0-10v(0-11.5v) dimmable devices
- Switching ON/OFF by 0-10v signal
- Plug & Play, Easy operation
- Short circuit protection
- Auto dimming or shutting OFF under abnormal Ambient Temperature
- Handle Max 50 fixtures (depends on quantity of driver or ballast)
- APP is available

2 channels

600W / 1000W

CONNECT PHONE WITH YOUR CONTROLLER



1. Download the APP from APP Store or Android Market

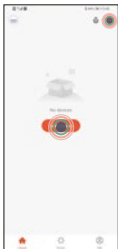
2. Turn ON the Cellphone Bluetooth, Sign Up & Log In

3. Press the "Setup" button on the Master Controller, enter the Setup Menu



4. Press the PAIR to pairing

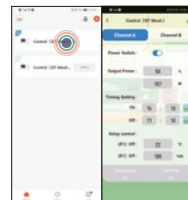
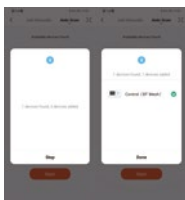
5. Select "+" to add new device on the APP



6 Make sure the Bluetooth have been turned ON, and Auto Scan firstly,

7. First select Auto Discovery and OK "Turn on Bluetooth," then click "Start.Scanning"

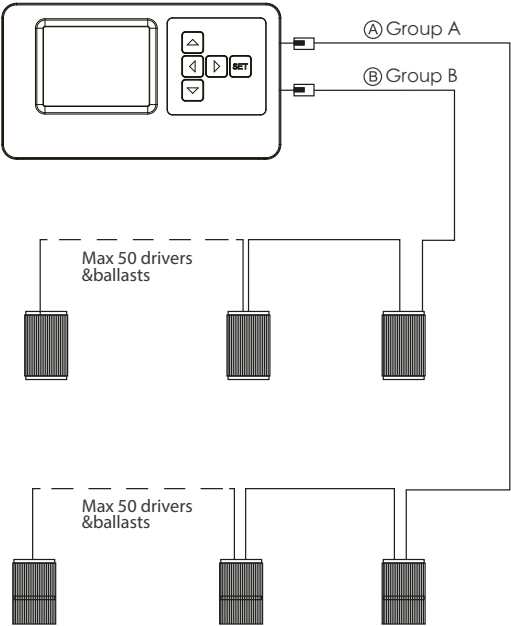
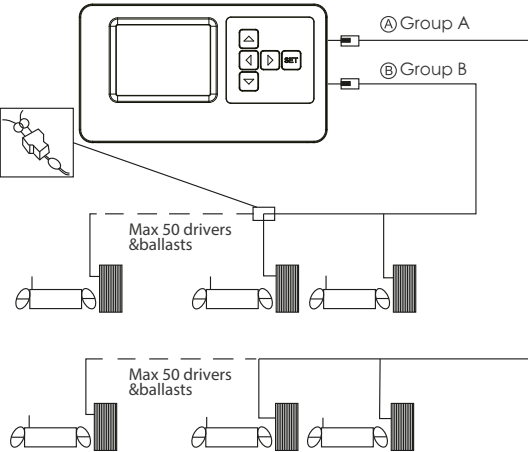
8. NEXT if new devices found.



9. Wait a moment until new device have been connected

10. Select the right device and go to the dashboard

CONTROLLER WIRING DIAGRAM



How to connecting with SPLITER

- 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. Splitter Use RJ14 cable to connect one of Splitter Output port to the Control Port of Driver&Ballast.
- 4 Use a RJ14 cable to connect one output of Splitter to the input of following splitter, and so on
- 5 Repeating above 4 steps for max 50 drivers & ballasts.

How to connecting to driver directly

- 1 Make sure all fixtures are under ExternalControl mode.
- 2 Plug in the RJ14 cable to controller RJ45 port (OUTPUT).
- 3 Another RJ14 plug into Control Port of driver & ballast.
- 4 Use with RJ14 cables, Interconnect the driver &ballast to the next driver &ballast in line, max 50 drivers & ballasts.



The Output level can be in range 0-115%



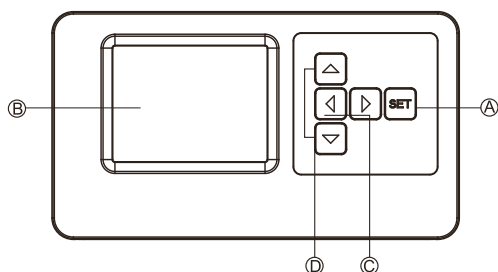
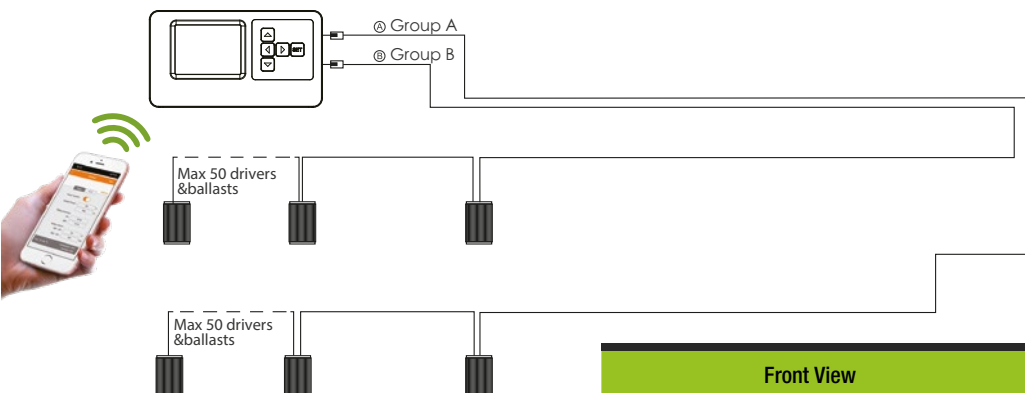
APP available for Smart phone



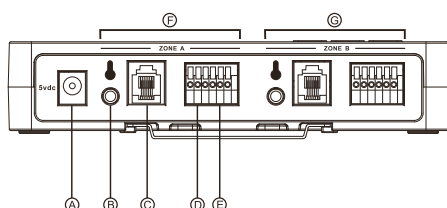
Plug & Paly Temperature and Humidity sensor



Programing Sunrise&Sunset period



Front View		
	Button	Function
A	SET	Long PRESS for 5 seconds to awake Setup Menu
B	Display	Displays work status and menu
C	LEFT/RIGHT button	Moves cursor
D	UP/DOWN button	Changes the parameter



Ports	
A	Input 5vDC/2A
B	Temperature&Humidity senor input port
C	RJ45 Port
D	contacts for auxilury ventilation equipments
E	contacts for auxilury humidifer or dehumidifer
F	Group A
G	Group B(Same functional as Group A. Group B could be independent or following Group A)

USE STEPS



Setup

(1) Touch the "Setup" icon



* Shows all Setup menu



Output Signal : 1. 0~10V
2. PWM



Program Sunrise & Sunset :
1. Group A for Zone A, Group B of Zone B
2. Activate or Disable the Sunrise & Sunset function
3. Setting the Ramp time (in range 0-60 minutes)



*Bluetooth Matching Page :
Pairing bluetooth to smart phone



* Help page



Custom power - Set the Customized Nominal Power of device
Percentage (Min) - Set the Minimum dimming level allowed
Percentage (Max) - Set the Maximum dimming level allowed



* (2) Vuelve al menú principal

★



*Activate or Disable the SCREEN OFF.
The backlight will be off if no operation
in 5 minutes.

400	
600	
630	
800	
1000	
315	User-defined power

Default power

★ There are 5 typical Nominal Power options, and one Custom Nominal Power option available



Temp. Protection

Setting the protection conditions based on ambient temperature.

- It will automatic DIMMING DOWN to 50% when ambient temperature higher than the set level, and auxiliary relay will be switched to other side;
- It will automatic SHUTTING OFF when ambient temperature ever higher than the set level by 10 degree.
- It will automatic recover if ambient temperature dropped greater 5 degree than set level.

APP-RELATED INSTRUCTIONS

This APP is recommended ios 10.0 or newer version, Android 6.0 or newer version..

