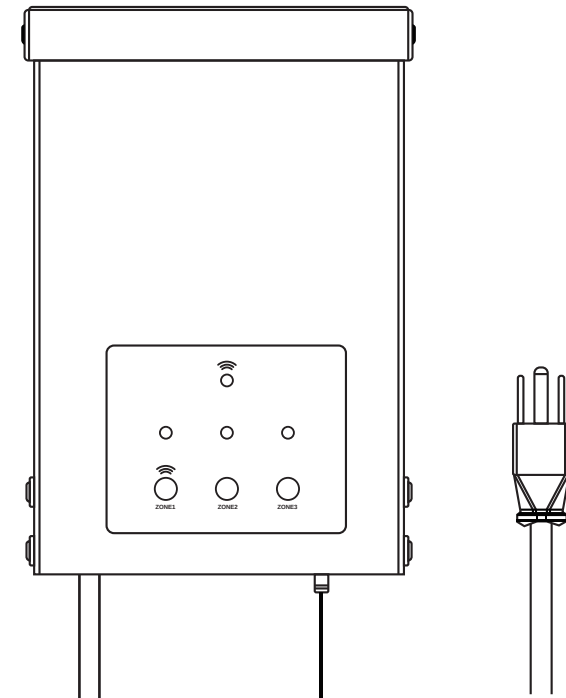


Instruction Manual

Low Voltage Transformer



Models:WTR-120VA/WTR-200VA/WTR-300VA

Before operating this set, please read these instructions carefully.



WARNING

READ ALL INSTRUCTIONS before using the Wi-Fi Low Voltage Transformer. Compatible with 2.4 GHz Wi-Fi networks. If you have multiple routers in your home, especially under the same modem and using dynamic IP address mode, please notice the routers with same LAN IP address may cause IP address conflict and make the routers involved cannot access internet. Which makes Wi-Fi Low Voltage Transformer cannot be discovered and controlled via internet (like user's cellular data service). Important safety information to reduce risk of fire injury.

1. Do not install within 10 feet (3 m) of a pool, spa or fountain.
2. No serviceable parts inside the power supply unit. DO NOT DISASSEMBLE.
3. Do not repair or tamper with cord or plug.
4. Do not submerge transformer in water.
5. Do not mount the transformer onto combustible material.
6. Do not connect two or more transformers in parallel.
7. Do not use the transformer with a dimmer switch.
8. Plug the power supply unit directly into a GFCI outlet in wet location.
9. For low voltage outdoor landscape lighting system use only.
10. Ensure that the total cumulative power does not exceed the rated power of the unit.

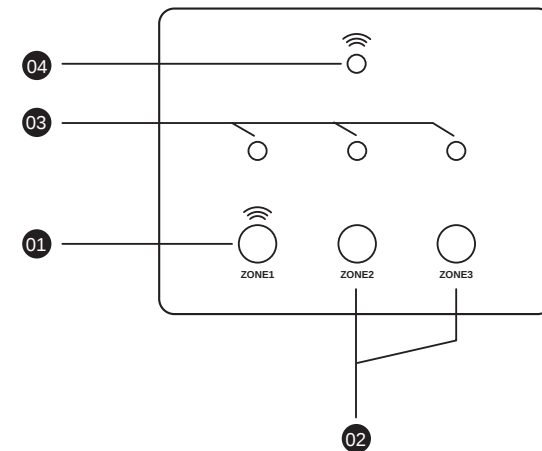
CAUTION: This landscape light system must be installed in accordance with all local codes and ordinances. If you encounter problems, contact a qualified electrician.

CALCULATE LIGHTING CAPACITY

The 120 Watt transformer has 120 watt circuits which will power up to 120 watts of light. To make sure the maximum number of fixtures can be safely connected to this transformer, add up the individual wattage of all the fixtures. The total wattage of your fixtures must not exceed output capacity of the 120 Watt transformer.

INSTALLATION INSTRUCTIONS

IMPORTANT: Please refer to INSTALLATION INSTRUCTION before proceeding with Wi-Fi router connection. Wi-Fi Low Voltage Transformer must be installed before connecting to Wi-Fi router.



01 Wi-Fi connection button and Power Button for ZONE 1.

02 Power Button for ZONE 2 and ZONE 3.

03 Power Indicator

04 Status Indicator

Blinking Light: Ready to connect to Wi-Fi router.

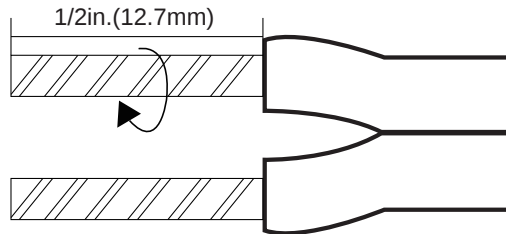
Light continuously ON: Connection to Wi-Fi router is complete and Wi-Fi Low Voltage Transformer is ready for use via the app.

Light OFF: Check your internet connection or review the app FAQ.

INSTRUCTIONS

1.Prepare the Cable

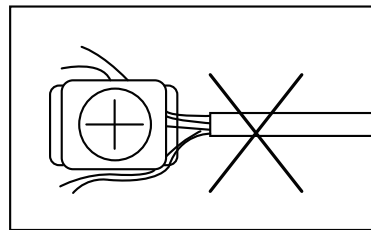
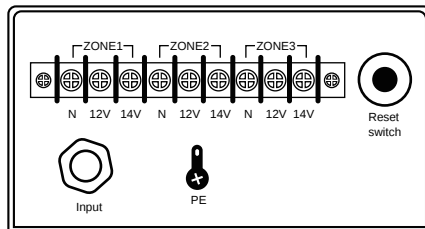
Be careful when splitting the landscape cable.Do NOT expose the copper cable.Remove 1/2 inch of insulation from both cables and twist the ends.



2.Connect the cable to the Transformer

Lay the transformer on a flat, stable surface and use screwdriver to connect the stripped ends of the cable under the terminal clamping plate.

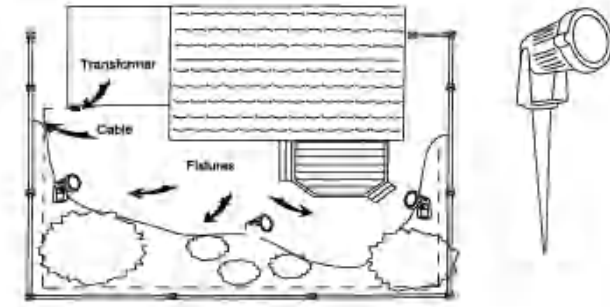
Tips: As the following image shows, there are 3 group wiring ports(COM/12V/14V for each group), you can choose any group of them to connect your cable. For each group, there are 2 terminal output ends- 12V/14V, select the appropriate terminal according to your lamp voltage.



Note: Gently pull on the landscape cable to verify if the connection is strong.

3.Place Your Fixtures and Route the cable

Lay the fixtures (not included) in the desired location, making sure not to exceed the transformer's rating. After connecting the last fixture, wind the remaining cable wires into a coil.

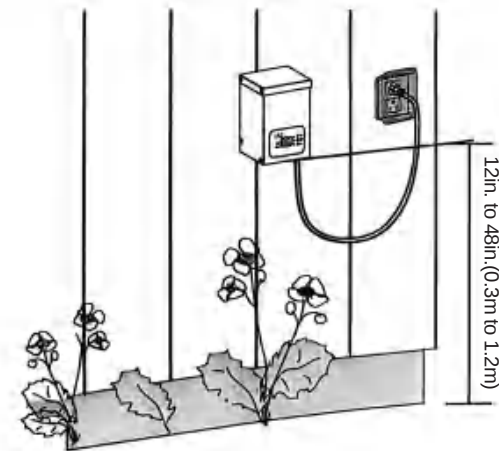


4.Attach Your Fixtures

Turn the transformer on.Use the cable connectors to attach your fixtures with the cable.Then it will light up.

5.Mount the Transformer

Use the screw to mount the transformer directly on a wall.12 inch to 48 inch (0.3 m to 1.2 m) high from the ground would be suggested.



INSTRUCTIONS

STEP 1: Software Installation

Download the “Smart Life” App: Scan QR Code or search “Smart Life” in Google Play or the App Store to download and install the app.

Note: All pictures shown are for illustration purpose only, the APP will be updated continuously, please refer to the latest APP interface to operate.



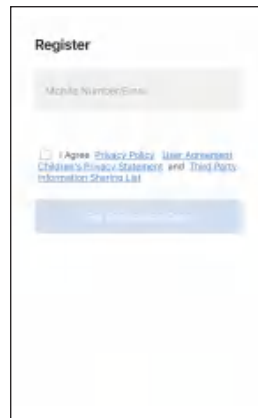
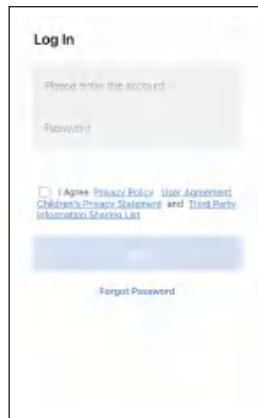
Free APP for android and IOS



Smart Life



STEP 2: Log in or Sign up



Note: Each device can only be connected to one account. If anyone else needs to control it, please share your device via the app.

STEP 3: Add the Wi-Fi Low Voltage transformer

Note: The Wi-Fi Low Voltage transformer only support 2.4GHz network.

LED Status	Function
ZONE1/ZONE1/ZONE1 LED is on	Power is on
ZONE1/ZONE1/ZONE1 LED is off	Power is off
WiFi LED is blinks rapidly	Bluetooth provisioning network
WiFi LED is on	Connect to the Internet successfully

- Please press and hold the ZONE1 button until the WiFi signal indicator flashes, then release the buttons. Then add the device.
- The Wi-Fi Low Voltage transformer only work with 2.4GHz network. If your router broadcasts both 2.4GHz and 5GHz, please select the 2.4GHz network with the app. If connection still fails, we recommend you call your ISP and had them completely shut off the 5GHz network on the router. You are free to change the network to 5GHz again after connecting.
- Please try to make the Wi-Fi Low Voltage transformer and router as close as possible.

Auto Add Mode (Bluetooth Mode)

- Turn on Bluetooth on the smartphone.
- Open the “Smart Life” APP (Figure 1) and click the “+” at the top right list, it will find the Wi-Fi Low Voltage transformer automatically. (Figure 2) Tap “Go to add”, the interface in Figure 3 will appear, click the button to switch to the appropriate WiFi signal source, then type in WiFi password and click “next” to enter the interface in Figure 4. At this time the device is connecting to your home WiFi automatically. The prompt in Figure 5 will appear after connecting successfully.
- If the Wi-Fi Low Voltage transformer is not automatically discovered, select “Auto Scan” to automatically search for the Wi-Fi Low Voltage transformer. (Figure 5) After clicking “next”, Figure 3 will appear, then type in correct password and click “next”, Successful connection.

Note: Automatic connection time of devices varies depending on the strength of WiFi signal, so please do not operate the phone. If the connection fails, please reconnect, or switch to other stronger WiFi signal sources, or keep your phone closer to the device.

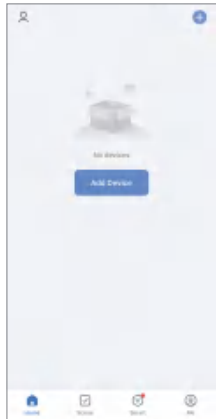


Figure 1

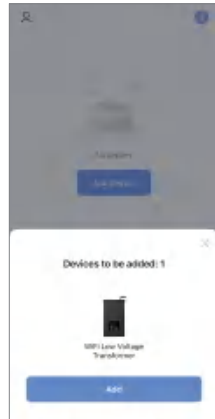


Figure 2

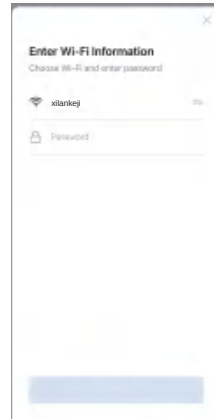


Figure 3

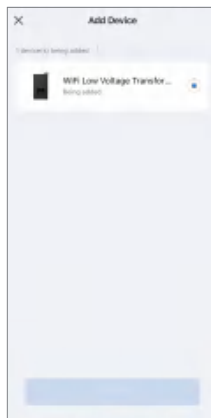


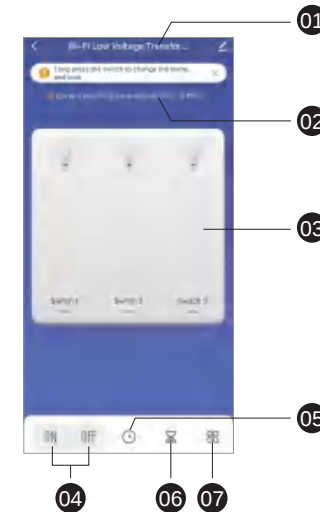
Figure 4



Figure 5

STEP 4: Set the Function You Need

1. Interface Introduction



- 01 Change Device Name
- 02 Power Statistics
- 03 ON/OFF button for each zone
- 04 ON/OFF button for all zone
- 05 Timer Setting Button
- 06 Countdown Button
- 07 Device Switch Records

2. Timer Function Introduction

Tap "Timer Setting Button" and "+", the interface of Timer Schedule will appear.(Figure 6,7)

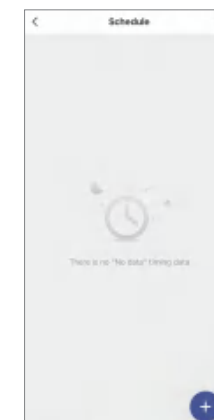


Figure 6

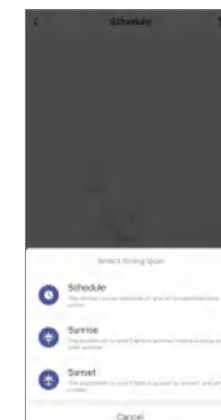


Figure 7

3.Schedule

Tap “Schedule” to enter the interface as shown in Figure 7. You can set the Start/End time in a 7-day period with a 1 minute interval according to needs. Every program set before repeats weekly.(Figure 8, 9) Tap “Save” to return and review the overall schedule (Figure 10).

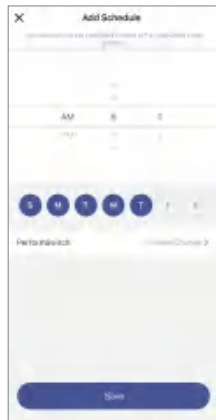


Figure 8



Figure 9

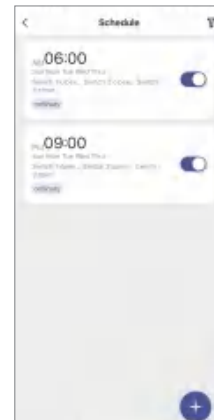


Figure 10

You can also set the schedule for each zone individually. (Figure 11,12,13)

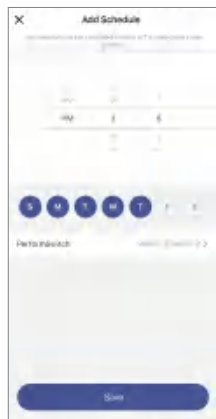


Figure 11

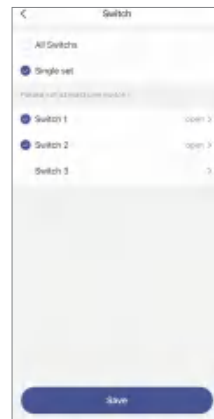


Figure 12

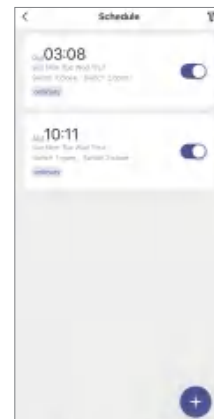


Figure 13

4.Countdown

Tap “Countdown Button” then select any switch to set the hours and minutes. The zone which the low-voltage transformer is set will switch according to the setting, The Wi-Fi Low Voltage transformer will maintain the current state on or off until the end of the countdown. It will exit countdown mode automatically if you turn on/off manually. (Figure 14,15)

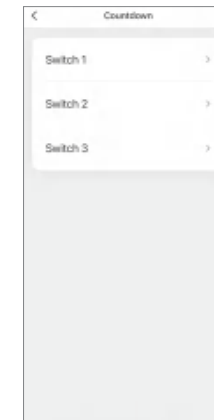


Figure 14



Figure 15

5.Astronomical

The controlled device will turn on or off at (before or after) sunset or sunrise.(Figure 16,17,18)

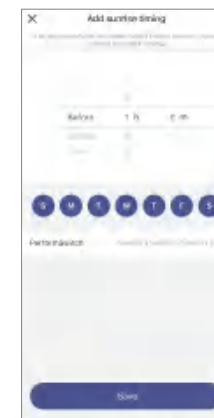


Figure 16



Figure 17

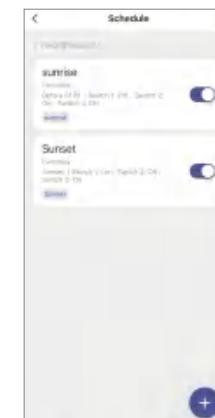


Figure 18

DEVICE SHARING

1. In the current interface (Figure 19), click the “Edit Icon” in the upper right corner, you can enter the next interface, as in Figure 20.
2. Click “Share Device” to jump to Figure 21.
3. Click “Add” to jump to Figure 22.
4. Add the account of the other party and click “Done” in the upper right corner to finish sharing.



Figure 19



Figure 20



Figure 21

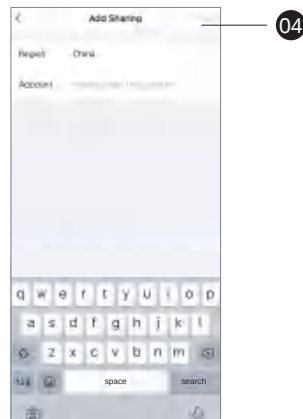


Figure 22

CABLE SELECTION CHART

12 VOLT TAP	Cable Length		
Total Fixture Wattage	0-50 feet	51-100 feet	100-150 feet
0-60 Watts	16 AWG	16 AWG	14 AWG
61-120 Watts	16 AWG	14 AWG	12 AWG
121-180 Watts	14 AWG	12 AWG	Not Recommended
181-240 Watts	14 AWG	12 AWG	Not Recommended
241-300 Watts	12 AWG	Not Recommended	Not Recommended

14 VOLT TAP	Cable Length		
Total Fixture Wattage	0-50 feet	51-100 feet	100-150 feet
0-60 Watts	16 AWG ¹	16 AWG	16 AWG
61-120 Watts	16 AWG ¹	16 AWG	12 AWG
121-180 Watts	14 AWG ¹	14 AWG	12 AWG
181-240 Watts	14 AWG ¹	14 AWG	12 AWG
241-300 Watts	12 AWG ¹	12 AWG	Not Recommended

AWG¹ Not recommended for Halogen Landscape.



NOTE: This data is provided as a general guideline. Actual performance will depend on the installation layout, the fixtures, and the condition of the cable. If the wire diameter you use is thinner than the wire diameter recommended in the table, it may cause the flickering of the end lamps.

INSTRUCTIONS FOR USE

This equipment generates uses and can radiate radio frequency energy, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ONE YEAR LIMITED WARRANTY

Supported by our professional R&D team and QC team, we provide One Year Warranty for materials and workmanship from the purchase date. Please note that the warranty does not cover damage caused by personal misuse or improper installation.

Please attach your Order ID and Name so that our dedicated customer service team can help you better.