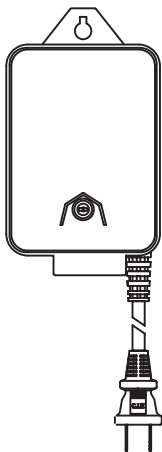


Jewenwils

Low Voltage Transformer

SKU: HOSL02B

[Instruction Manual]



Please pay attention to the warning signs
Read the instructions with caution before operating
and keep it properly

V210817

SAFETY INSTRUCTIONS

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. There are 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 wet location outlet.
 9. For use with low voltage outdoor landscape lighting system only.
 10. The maximum output of this transformer is 60 watts. Do not overload the transformer. Be sure that the total cumulative wattage of all 12 volt fixtures connected to the transformer is equal to or less than 60 watts.
- CAUTION:** This landscape light system must be installed in accordance with all local codes and ordinances. If you are experiencing problems, contact a qualified electrician.

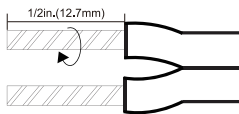
CALCULATION LIGHTING CAPACITY

The 60 Watt transformer has 60 watt circuits which will power up to 60 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 60 Watt transformer.

INSTALLATION

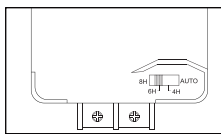
1. Preparing the Cable

Being careful when splitting it. **NOT** to expose the copper cable. Remove the landscape cable insulation 1/2 inch from both cables and twist ends.



2. Connecting 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.

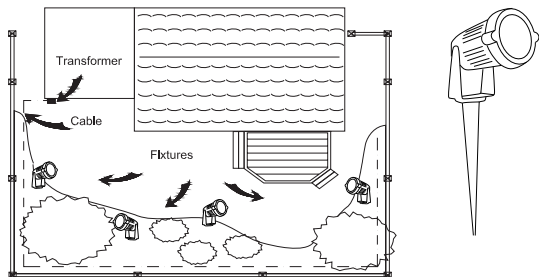


(Fig.1)

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

3.Placing Your Fixtures and Routing the cable

Lay your fixtures (not included) to your desired location. Be sure they do not exceed the 60-watt rating of the transformer. Coil the rest of the cable after the last fixture.

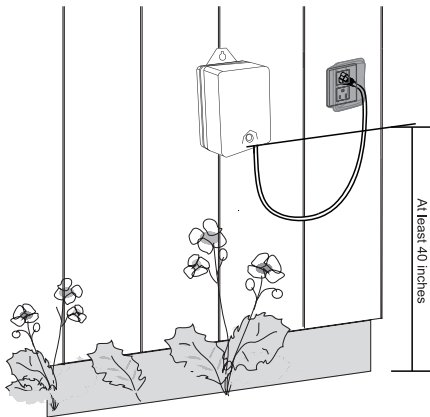


4. Attaching Your Fixtures

Use the cable connectors to attach your fixtures with the cable. Plug the transformer in the GFCI outlet and move the slide switch to set the mode. Cover photo sensor over 30 seconds, then the lamps will light up.

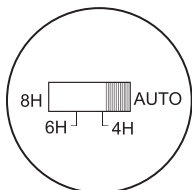
5.Mounting the Transformer

Use the screw to mount the transformer directly on a wall. At least 40 inch above the ground.

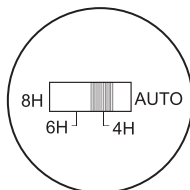


OPERATING INSTRUCTIONS

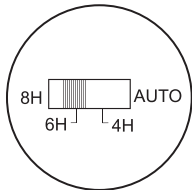
Select the function by moving the slide switch to one of the four positions.



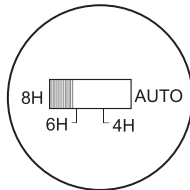
(Figure 1)



(Figure 2)



(Figure 3)



(Figure 4)

Figure 1: AUTO MODE

In this mode, it will take 30s for the transformer to detect the external environment firstly. If it is night, the transformer will start output 30s later, then the load lamps will light on automatically and off at dawn. If it is during the day, the transformer will have no output and the load lamps will not light.

Figure 2 & Figure 3 & Figure 4: COUNTDOWN MODE

In this mode, it will take 30s for the transformer to detect the external environment firstly. If it is night, the transformer will start output 30s later, then the load lamps will light on automatically and off when the countdown is over. If it is during the day, the transformer will have no output and the load lamps will not light.

Note:

When the load lamp is on, if light is exposed to the photo sensor for more than 30 seconds, the transformer will cut off the output and the load lamp will be off.

TROUBLE SHOOTING

The load lamp does not light.

Step 1: Unplug the transformer from the power outlet.

Step 2: Check if the transformer is overloaded or not.

Step 3: Check if there is a short circuit at the transformer terminals.

Step 4: Check whether the connection between the lamp and the buried wire is short-circuited.

Step 5: After troubleshooting, replug the transformer, it will automatically reset.

CABLE SELECTION CHART

12 VOLT TAP	Cable Length		
	0-50 feet	51-100 feet	100-150 feet
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

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.

SPECIFICATIONS

- Input Voltage: 120VAC, 60Hz
- Output: 12VAC
- Max Power Rating: 60W

PACKING LIST

- 1× Low-Voltage Transformer
- 1 × Screws
- 1 × Wall Anchors
- 1× Instruction Manual

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.