DEWENWILS HOSL03B

DEWENWILS 120W Smart Wi-Fi Low Voltage Transformer User Manual

Model: HOSL03B | Brand: DEWENWILS

1. Introduction

This manual provides essential instructions for the safe installation, operation, and maintenance of your DEWENWILS 120W Smart Wi-Fi Low Voltage Transformer. This device converts standard 120V AC household voltage to a safe 12V AC for landscape lighting applications. It features smart control capabilities, including Wi-Fi connectivity for remote operation, scheduling, and voice control via Amazon Alexa and Google Home Assistant.

Important Safety Information:

- Always disconnect power before installing or servicing the transformer.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the maximum wattage rating of 120W.
- This transformer is designed for outdoor use and is weatherproof, but avoid submerging it in water.

2. Package Contents

- 1 x DEWENWILS 120W Smart Wi-Fi Low Voltage Transformer

3. Product Overview

Familiarize yourself with the components of your low voltage transformer:

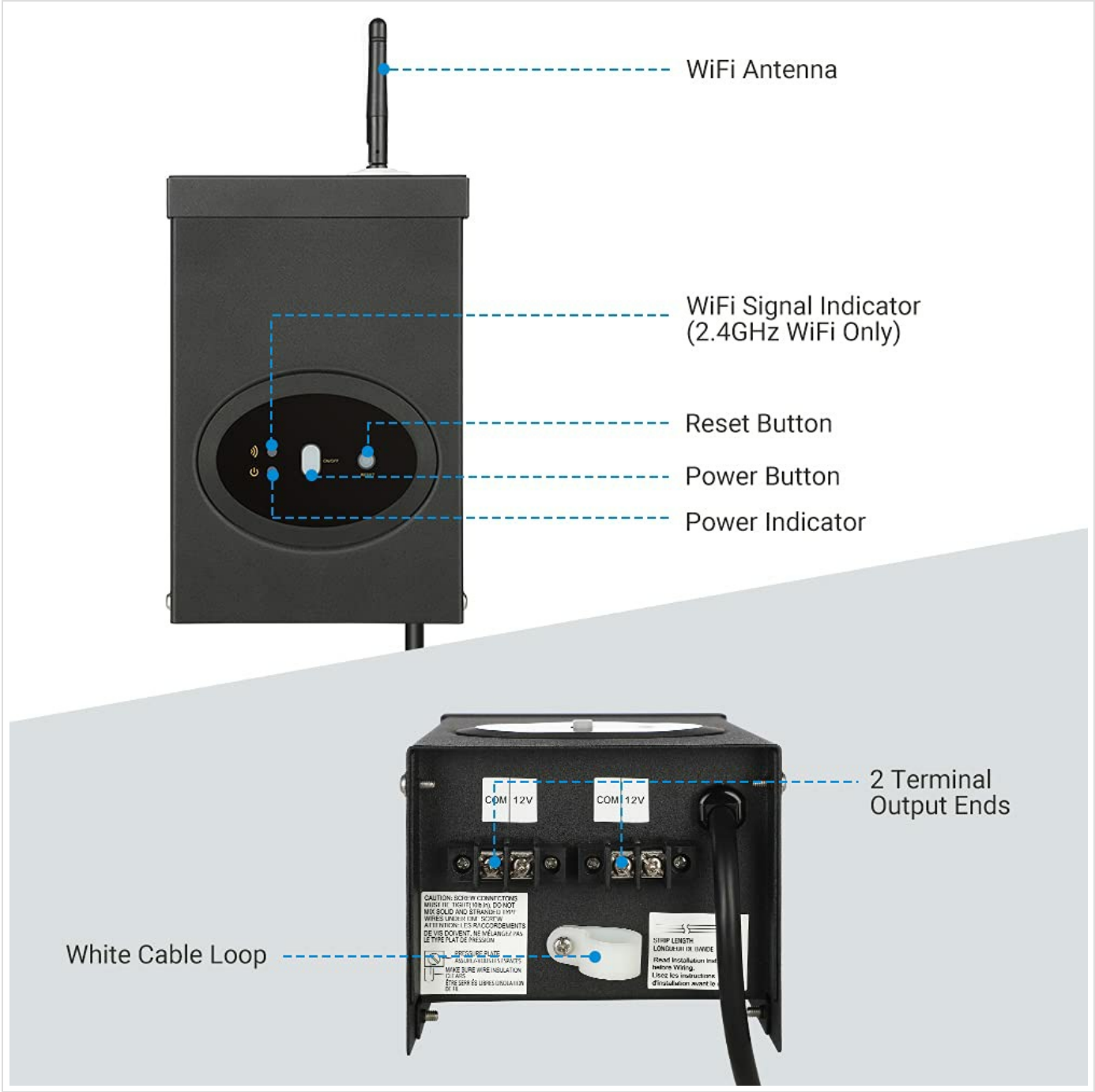

Image: Front and back view of the transformer with key components labeled.

- **Wi-Fi Antenna:** For wireless network connectivity.
- **Wi-Fi Signal Indicator (2.4GHz Wi-Fi Only):** Indicates Wi-Fi status.
- **Reset Button:** Used for resetting the device.
- **Power Button:** Manual On/Off control.
- **Power Indicator:** Shows power status.
- **2 Terminal Output Ends:** Connects to low voltage landscape lighting.
- **White Cable Loop:** For securing wiring.

4. Setup and Installation

4.1 Mounting the Transformer

The transformer is designed for wall mounting. Use the built-in hanging hole to securely mount it on an outdoor wall. Ensure the mounting location is protected from direct heavy rain and snow, although the unit is weatherproof.

4.2 Wiring Connections

Connect your 12V AC landscape lights to the two terminal output ends. Ensure the total wattage of your connected lights does not exceed 120W. The transformer converts 120V AC input to 12V AC output.

Image: Detailed view of the wiring terminals on the back of the transformer.

4.3 App Connection and Wi-Fi Setup

To utilize smart features, connect the transformer to your Wi-Fi network (2.4GHz only) using the ECO Plugs app.

1. Download the "ECO Plugs" app from the App Store (iOS) or Google Play Store (Android).
2. Plug in the transformer. The Wi-Fi indicator will start blinking. If not, press and hold the Power button while pressing the Reset button with a non-conductive item for 3-5 seconds until the Wi-Fi Status indicator light turns off, then release. The indicator should then blink.
3. Open your smartphone's Wi-Fi settings and connect to the Wi-Fi signal named "ECO-XXXXXX" (where XXXXXX is a unique identifier).
4. Open the ECO Plugs app. It should automatically detect the device. Follow the in-app prompts to enter your home Wi-Fi network name (SSID) and password.
5. Once connected, the Wi-Fi signal indicator on the transformer will stay solid.

Video: Demonstrates the Wi-Fi connection process for the DEWENWILS Smart Low Voltage Transformer using the ECO Plugs app.

5. Operating Instructions

5.1 Manual Control

Press the Power button on the transformer to manually turn your landscape lights on or off.

5.2 Remote Control via App

Once connected to the ECO Plugs app, you can control your lights from anywhere:

- Tap the power icon within the app to turn the transformer on or off.
- Access additional settings and timer functions through the app interface.

Image: Illustrates remote control via smartphone app and voice control compatibility with smart speakers.

5.3 Scheduling and Timer Functions

The app offers various timer modes for automated control:

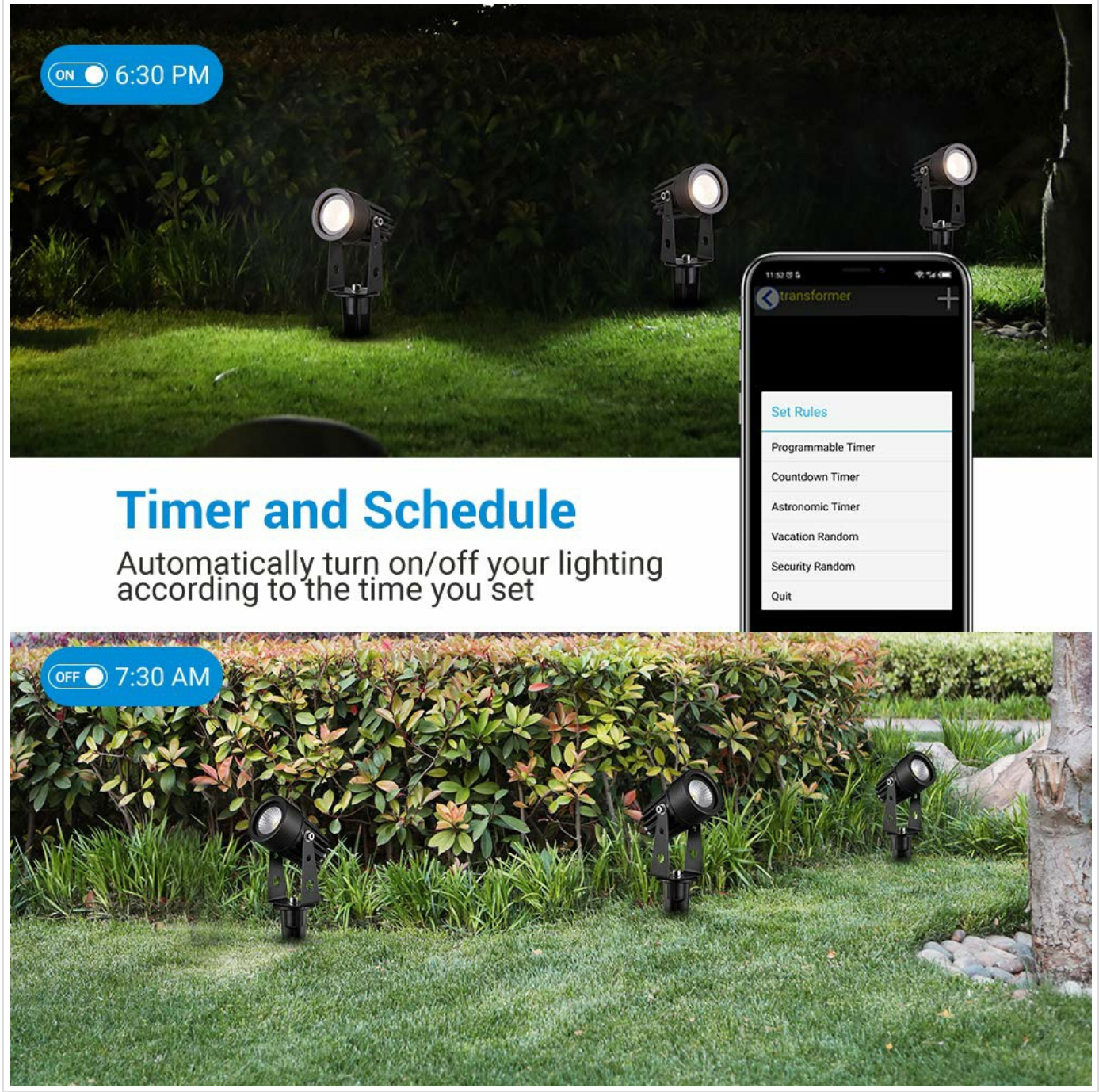

Image: Screenshot of the app's timer settings, showing options like Programmable Timer, Countdown Timer, and Astronomic Timer.

- **Programmable Timer:** Set specific on/off times for desired hours, minutes, and days of the week.
- **Countdown Timer:** Set a countdown for the lights to turn on or off after a specified duration.
- **Astronomic Timer:** Automatically turns lights on at dusk and off at dawn based on your location.
- **Holiday Random:** Provides randomized on/off times for security during holidays.
- **Security Random:** Randomizes on/off times to simulate occupancy.

5.4 Voice Control

The transformer is compatible with Amazon Alexa and Google Home Assistant. After connecting the transformer to the ECO Plugs app, link the app to your voice assistant service to enable voice commands for your landscape lighting.

6. Maintenance

The DEWENWILS transformer is constructed with high-performance metal material, providing weatherproof protection against rain, snow, dust, and abrasion. Regular maintenance is minimal:

- Periodically inspect the wiring for any damage or loose connections.
- Keep the transformer's exterior clean from excessive dirt or debris.
- Ensure the ventilation areas are not obstructed to prevent overheating.

Image: The transformer shown in an outdoor setting, emphasizing its weatherproof and protective qualities.

7. Troubleshooting

If you encounter issues with your DEWENWILS Smart Wi-Fi Low Voltage Transformer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights not turning on.	No power to transformer, loose wiring, overloaded circuit, faulty lights.	Check power outlet, ensure secure wiring, reduce total wattage of lights, test individual lights.

Problem	Possible Cause	Solution
Wi-Fi indicator not blinking or not connecting.	Incorrect reset procedure, 5GHz Wi-Fi network, incorrect password, router too far.	Perform reset procedure (Section 4.3), ensure connection to a 2.4GHz Wi-Fi network, verify Wi-Fi password, move transformer closer to router.
Scheduled events not executing.	Incorrect schedule settings, loss of Wi-Fi connection, incorrect time zone in app.	Verify schedule settings in the app, check Wi-Fi connection, ensure correct time zone is set in the app.
Voice control not working.	Not linked to Alexa/Google Home, incorrect device name, Wi-Fi issue.	Ensure ECO Plugs app is linked to your voice assistant, verify device name in voice assistant app, check Wi-Fi connection.
Overload protection tripping.	Total wattage of connected lights exceeds 120W.	Reduce the number or wattage of connected lights. The transformer automatically breaks off when current exceeds the threshold.

8. Specifications

- **Model Number:** HOSL03B
- **Input Voltage:** 120V AC
- **Output Voltage:** 12V AC
- **Maximum Wattage:** 120W
- **Current Rating:** 10 Amps
- **Wi-Fi Frequency:** 2.4GHz only
- **Mounting Type:** Wall Mount
- **Product Dimensions:** 4.6 x 3.93 x 7.2 inches
- **Item Weight:** 5.5 Pounds
- **Power Cable Length:** 3.3ft (SJTWA 18AWG/3C)

Image: Dimensions of the DEWENWILS 120W Smart Wi-Fi Low Voltage Transformer.

9. Warranty and Support

For warranty information and technical support, please refer to the official DEWENWILS website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question