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› BroadLink Smart WiFi Plug with Night Light (Model SP3-US) Instruction Manual

Broadlink SP3-US

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1. PRODUCT OVERVIEW

The BroadLink Smart WiFi Plug with Night Light (Model SP3-US) is designed to provide remote control and scheduling capabilities for your home appliances. It integrates with your existing 2.4 GHz Wi-Fi network, allowing control via a smartphone app or voice commands through Amazon Alexa and Google Assistant. The device also features an integrated LED night light.



CE

FC



Image 1.1: The BroadLink Smart WiFi Plug with Night Light, showing its compact design and standard US plug type.



Image 1.2: Diagram illustrating key features including remote control, manual switch, LED night light, random ON/OFF for security, and timer options.

2. SETUP INSTRUCTIONS

2.1. Initial Device Setup

1. **Plug In the Device:** Insert the BroadLink Smart WiFi Plug into a standard wall outlet. Ensure the outlet is functioning correctly.
2. **Download the App:** Download the "Intelligent Home Center (IHC)" app from the App Store (for iOS) or Google Play Store (for Android) on your smartphone or tablet.
3. **Create an Account:** Open the IHC app and follow the on-screen instructions to create a new user account.
4. **Add Device:** In the IHC app, tap the "+" icon or "Add Device" option. Select the Smart Plug (SP3-US) from the list of available devices.
5. **Connect to Wi-Fi:** Follow the app's instructions to connect the smart plug to your 2.4 GHz Wi-Fi network. The device only supports 2.4 GHz Wi-Fi. Ensure your phone is connected to the same 2.4 GHz network during

setup.

6. **Name the Device:** Assign a descriptive name to your smart plug (e.g., "Living Room Lamp," "Bedroom Fan") for easy identification and voice control.



Image 2.1: The smart plug inserted into a wall outlet, ready to control a connected appliance.

2.2. Voice Control Integration (Alexa/Google Assistant)

1. **Open Voice Assistant App:** Open the Amazon Alexa app or Google Home app on your smartphone.
2. **Enable Skill/Action:** Search for and enable the "BroadLink" skill (for Alexa) or action (for Google Assistant).
3. **Link Account:** Log in with your BroadLink IHC account credentials when prompted to link the accounts.
4. **Discover Devices:** Once linked, ask your voice assistant to "Discover devices" or use the app's device discovery function. Your BroadLink Smart Plug should appear.
5. **Control by Voice:** You can now control your plug using voice commands, such as "Alexa, turn on the living room lamp" or "Hey Google, turn off the bedroom fan."

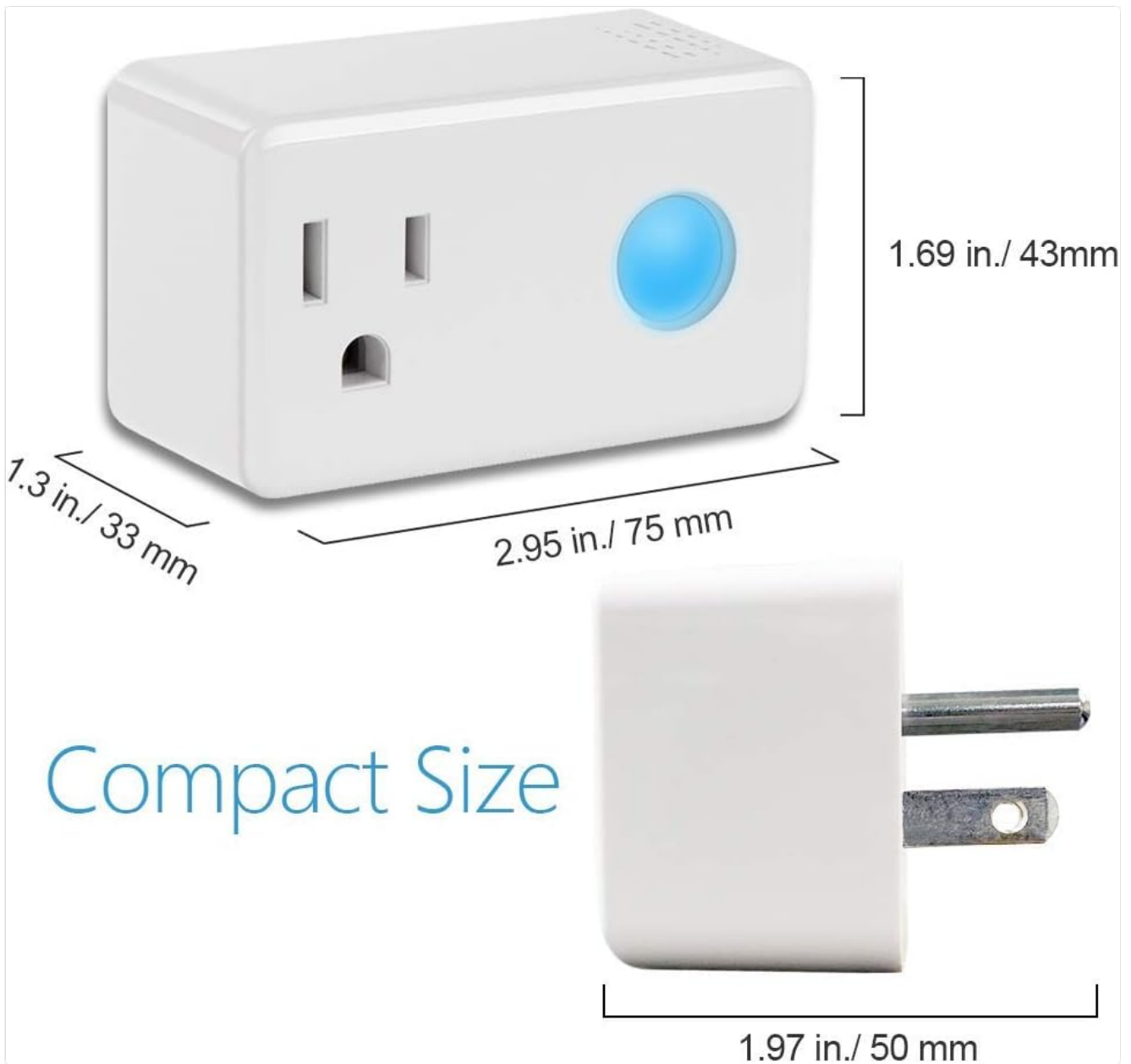


Image 2.2: A smartphone displaying the BroadLink app interface, with an Amazon Echo device nearby, demonstrating voice control integration.

3. OPERATING INSTRUCTIONS

3.1. App Control

- **Remote ON/OFF:** Open the IHC app, select your smart plug, and tap the power icon to turn the connected appliance on or off from anywhere with an internet connection.
- **Scheduling:** Use the "Timer" function in the app to set schedules for your appliances. You can choose from four types of timers:
 - **Scheduled:** Set a specific time for the plug to turn on or off.
 - **Repeated:** Set a schedule to repeat on specific days of the week.
 - **Random:** Turn the plug on and off randomly within a set timeframe to simulate occupancy (Away Mode).
 - **Lap:** Set a countdown timer for the plug to turn off after a specified duration.
- **Group Control:** Create groups of multiple BroadLink smart devices within the app to control them simultaneously with a single command.

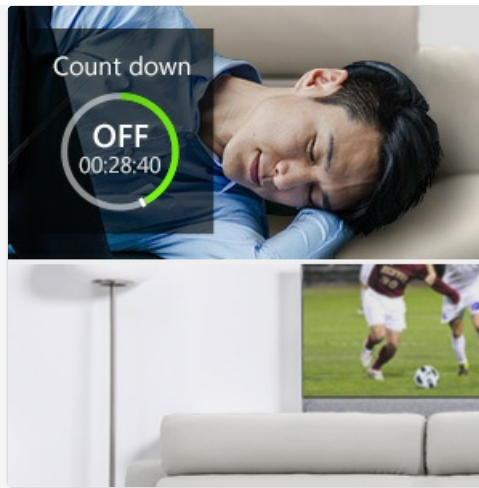


Image 3.1: The smart plug is shown, representing its ability to help save energy through scheduled operation.

3.2. Night Light Function

- The integrated LED night light can be controlled independently through the IHC app.
- It provides a soft, glare-free illumination, useful for hallways or bedrooms.

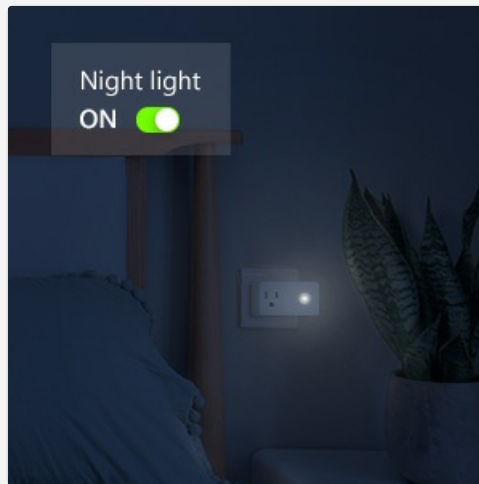


Image 3.2: Close-up of the smart plug highlighting its night light feature.

4. MAINTENANCE

The BroadLink Smart WiFi Plug requires minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Disconnect the plug from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Environment:** Avoid exposing the device to extreme temperatures, humidity, or direct sunlight. Ensure it is used in a dry indoor environment.
- **Firmware Updates:** Periodically check the IHC app for available firmware updates. Install updates to ensure the device has the latest features and security enhancements.

5. TROUBLESHOOTING

5.1. Device Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4 GHz. The device does not support 5 GHz Wi-Fi.

- Verify that your Wi-Fi password is entered correctly in the IHC app.
- Move the smart plug closer to your Wi-Fi router to improve signal strength.
- Restart your Wi-Fi router and try the setup process again.
- **Reset the Smart Plug:** Press and hold the power button on the plug for approximately 5-10 seconds until the indicator light blinks rapidly, then attempt to re-add the device in the app.

5.2. App Disconnection or Login Issues

- Ensure your smartphone has a stable internet connection.
- Close and reopen the IHC app.
- Clear the app's cache or reinstall the app if issues persist.
- Verify your account credentials. If you suspect an account issue, try resetting your password through the app.

5.3. Voice Control Not Working

- Confirm that the BroadLink skill/action is enabled in your Alexa or Google Home app.
- Ensure your BroadLink account is correctly linked to your voice assistant.
- Try rediscovering devices in your Alexa or Google Home app.
- Use the exact device name you assigned in the IHC app when giving voice commands.

6. SPECIFICATIONS

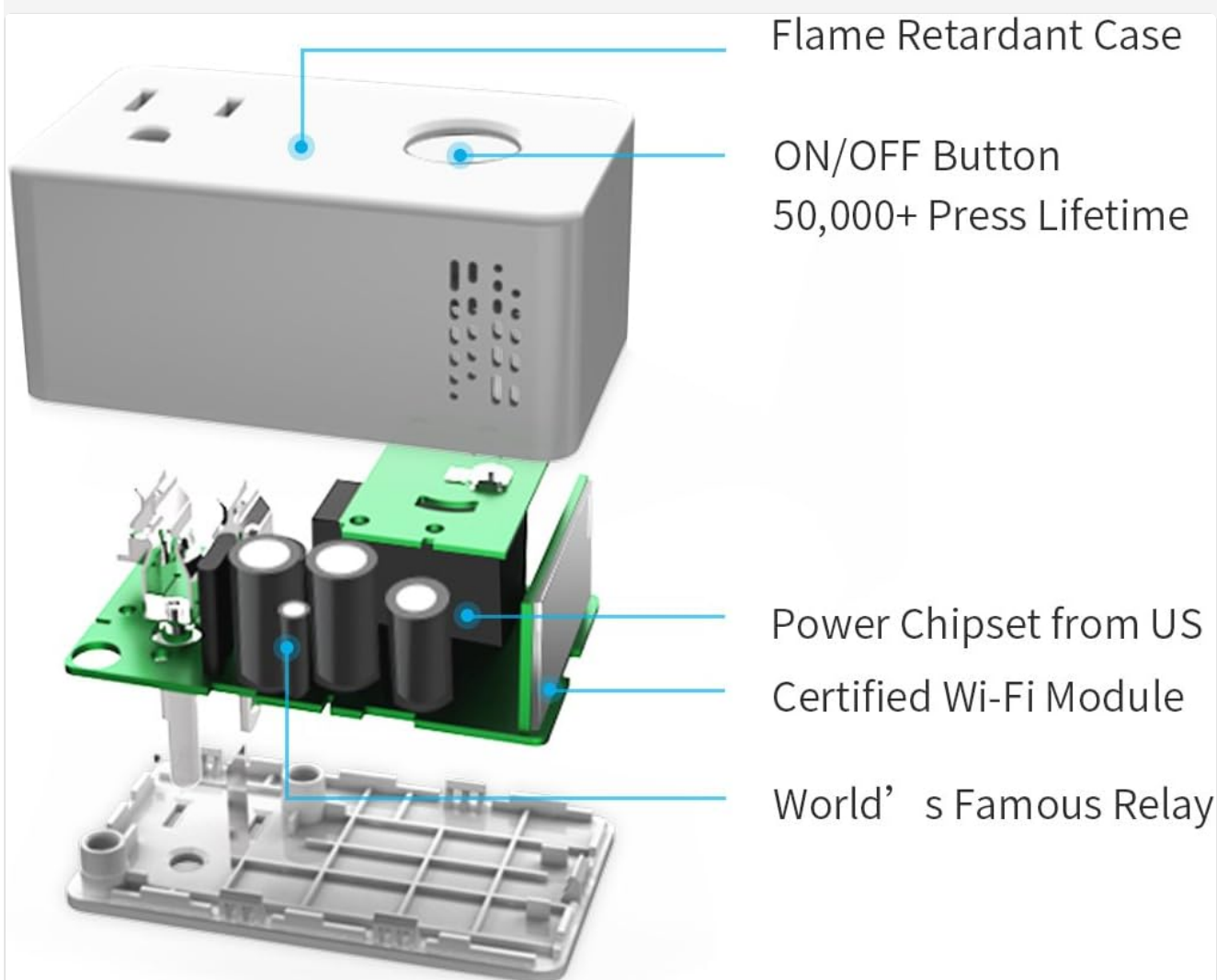


Image 6.1: Detailed view of the smart plug, including its dimensions and an exploded view of its internal components, highlighting the power chipset, certified Wi-Fi module, and relay.

Specification	Value
Model	SP3-US
Brand	Broadlink
Connectivity Protocol	Wi-Fi (2.4 GHz only)
Operating Voltage	240 Volts
Current Rating	16 Amps
Max Load	1800W
Wattage	1.1 watts
Item Dimensions (L x W x H)	2.9 x 2 x 1.7 inches (75 x 50 x 43 mm)
Item Weight	4.96 ounces
Material	Polycarbonate, Plastic
Certification	ETL, FCC
Control Method	Remote, Wi-Fi Control
Operation Mode	Automatically, Off

7. WARRANTY INFORMATION

Specific warranty details for the BroadLink Smart WiFi Plug (Model SP3-US) are typically provided with the product packaging or available on the official BroadLink website. Please refer to these resources for comprehensive warranty terms and conditions.

8. SUPPORT

For further assistance, technical support, or to explore other BroadLink products, please visit the official BroadLink website or contact their customer service.

- **BroadLink Official Website:** www.broadlink.com.cn
- **BroadLink Store on Amazon:** Visit the Broadlink Store
- **In-App Support:** The IHC app often includes a support or FAQ section.