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› HBN Smart Wi-Fi Smart Plug with Power Monitoring Instruction Manual

HBN BNC-50/G77T

HBN Smart Wi-Fi Smart Plug with Power Monitoring

INSTRUCTION MANUAL

Model: BNC-50/G77T

1. INTRODUCTION

Thank you for choosing the HBN Smart Wi-Fi Smart Plug. This device allows you to control your electronic appliances remotely, monitor power consumption, and set schedules for automated operation. It integrates seamlessly with popular smart home platforms like Amazon Alexa and Google Home. Please read this manual carefully before use to ensure proper installation and operation.

Zeitplan & Timer

Fünf verschiedene Zeitschaltmodi für Ihre täglichen Bedürfnisse.



Image: The HBN Smart Plug seamlessly integrates into your home, offering convenience and control.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety precautions:

- This device is designed for indoor use only. Do not expose it to moisture, high temperatures, or corrosive environments.
- Do not exceed the maximum load of 10A or 2300W. Overloading may cause damage to the device or connected appliances, and poses a fire hazard.
- Do not disassemble or modify the smart plug. Repairs should only be performed by qualified personnel.
- Keep out of reach of children.
- Ensure the smart plug is fully inserted into the wall socket.

3. PACKAGE CONTENTS

The package should contain the following item:

- 1 x HBN Smart Wi-Fi Smart Plug

4. PRODUCT OVERVIEW

The HBN Smart Wi-Fi Smart Plug is a compact device designed for ease of use and integration into your smart home. It features a simple design with a power button and an indicator light.



Image: The HBN Smart Plug and its accompanying mobile application for scheduling.



Image: Internal components of the HBN Smart Plug, highlighting its robust construction.

Key Features:

- **Remote Control:** Control connected devices from anywhere using the mobile app.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for hands-free operation.
- **No Hub Required:** Connects directly to your 2.4 GHz Wi-Fi network.
- **Power Monitoring:** Track real-time and historical energy consumption of connected appliances.
- **Scheduling & Timer:** Set custom schedules, countdowns, and random timers to automate your devices.
- **Compact Design:** Designed to not block adjacent outlets.

Kompakte Größe

Macht die zweite Steckdose frei



Image: The compact design of the HBN Smart Plug ensures it does not obstruct other outlets.

5. SETUP

Follow these steps to set up your HBN Smart Wi-Fi Smart Plug:

5.1. Download the App

1. Scan the QR code provided in the quick start guide (if applicable) or search for "HBN Smart" or "Smart Life" in your smartphone's app store (App Store for iOS, Google Play for Android).
2. Download and install the app.
3. Register an account or log in if you already have one.

5.2. Add Device

1. Plug the HBN Smart Plug into a wall outlet. The indicator light should blink rapidly (if not, press and hold the power button for 5 seconds to reset).
2. Open the app and tap "+" or "Add Device".
3. Select "Electrical Outlet" or "Smart Plug" from the device list.
4. Confirm that the indicator light is blinking rapidly.
5. Enter your 2.4 GHz Wi-Fi network password. (Note: 5 GHz Wi-Fi is not supported).

6. The app will begin connecting to the device. Once connected, you can rename the smart plug for easier identification.

5.3. Integrate with Voice Assistants (Optional)

To use voice control with Amazon Alexa or Google Home, follow the instructions within the HBN Smart or Smart Life app to link your account. You will typically need to enable the "Smart Life" skill/action in the Alexa or Google Home app.

6. OPERATING

Once set up, you can control your HBN Smart Plug in several ways:

6.1. Manual Control

Press the physical power button on the smart plug to manually turn the connected appliance on or off.

6.2. App Control

Open the HBN Smart or Smart Life app. Tap on the smart plug's name to access its control interface. From here, you can:

- **Turn On/Off:** Toggle the power state of the connected device.
- **Set Schedules:** Create daily or weekly schedules for automatic power on/off.
- **Countdown Timer:** Set a timer for the device to turn off after a specified duration.
- **Random Function:** Simulate occupancy by randomly turning devices on/off, useful for security when away.
- **Inching Function:** Set a short duration for the device to turn on and then automatically turn off.

Timer und Zeitplan einstellen



Image: Examples of setting timers and schedules for various household appliances.

Sprachsteuerung



Image: Setting a schedule for a lamp using the app.

6.3. Voice Control

Once integrated with Alexa or Google Home, you can use voice commands to control your smart plug. Examples:

- "Alexa, turn on the coffee machine."
- "Hey Google, turn off the living room light."
- "Alexa, set the fan to turn on."

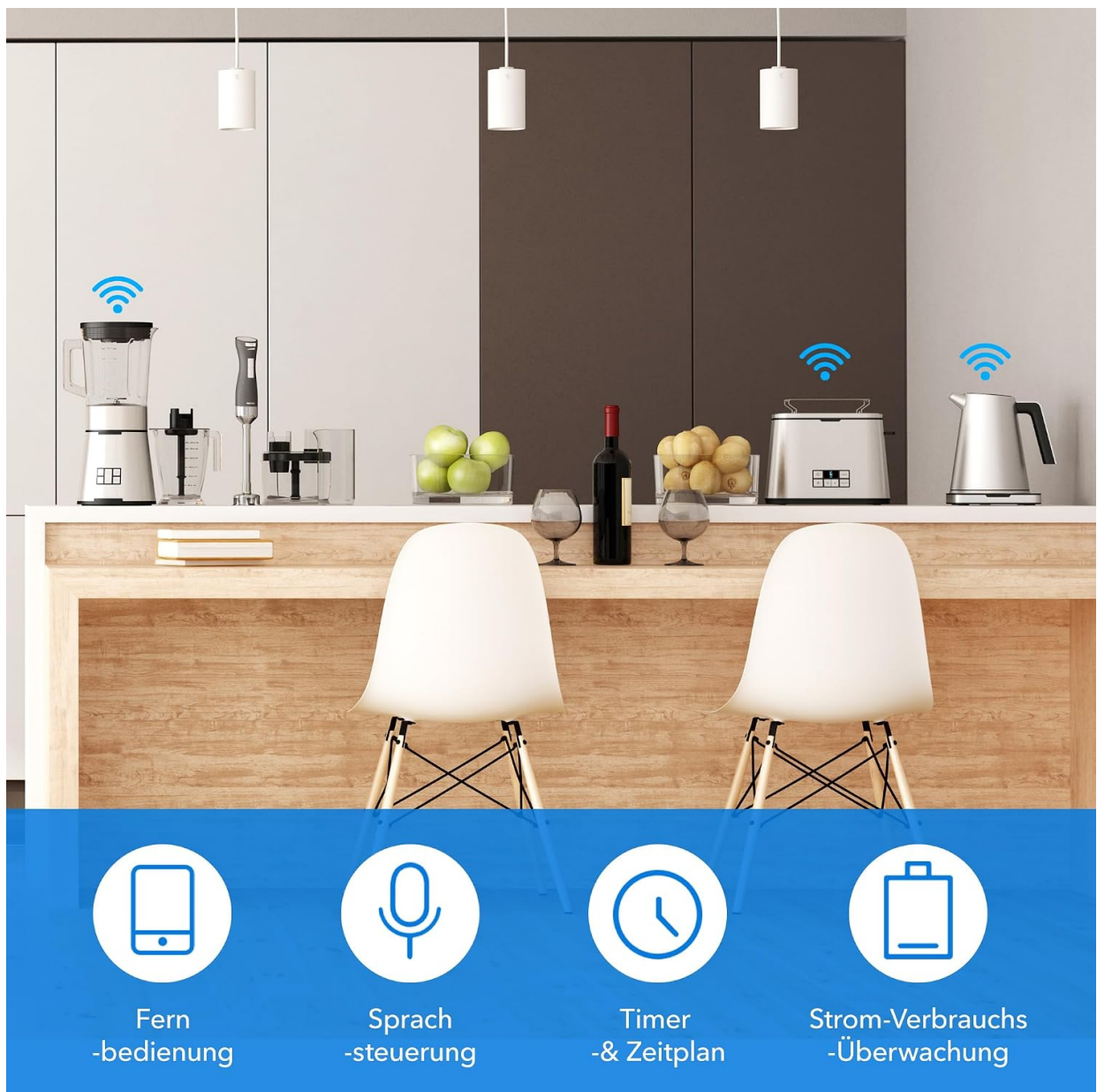


Image: Using voice commands with Alexa to control a connected appliance.

6.4. Power Monitoring

The app provides detailed information on the power consumption of devices connected to the smart plug. Navigate to the power monitoring section within the device's interface in the app to view:

- Current power usage (Watts)
- Daily, weekly, or monthly energy consumption (kWh)
- Historical data and trends

APP Fernbedienung

Schalte deine verbundenen Geräte von überall ein oder aus mit der freundlichen HBN Smart App.



Image: Monitoring energy consumption of home appliances through the app.

7. MAINTENANCE

To ensure the longevity and optimal performance of your HBN Smart Plug:

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the smart plug is unplugged before cleaning.
- Store the device in a cool, dry place when not in use.

8. TROUBLESHOOTING

If you encounter issues with your HBN Smart Plug, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Smart Plug does not connect to Wi-Fi.	Incorrect Wi-Fi password; 5 GHz Wi-Fi network; Wi-Fi signal too weak; device not in pairing mode.	Ensure correct 2.4 GHz Wi-Fi password. Move the smart plug closer to the router. Reset the smart plug (press and hold button for 5 seconds until light blinks rapidly) and try pairing again.

Problem	Possible Cause	Solution
Voice control (Alexa/Google Home) not working.	Account not linked; device not discovered; incorrect device name.	Ensure your HBN Smart/Smart Life account is linked in the Alexa/Google Home app. Discover devices in the voice assistant app. Use the exact device name you set in the app.
Power monitoring data seems inaccurate.	Temporary glitch; device not calibrated.	Unplug and re-plug the smart plug. Ensure the connected appliance is functioning correctly. If issues persist, contact support.
Smart Plug is unresponsive.	No power; frozen state.	Check if the wall outlet has power. Unplug the smart plug for 10 seconds and plug it back in.

9. SPECIFICATIONS

Specification	Value
Brand	HBN
Model Number	BNC-50/G77T
Rated Voltage	230 Volts
Rated Current	10 Amperes
Max Power	2300 Watts
Product Dimensions (L x W x H)	20 x 20 x 20 cm
Item Weight	110 g
Wireless Connectivity	Wi-Fi (2.4 GHz only)
Switch Type	1-Way
Included Components	Smart Plug

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the seller directly. HBN is committed to providing quality products and assistance. For further assistance, please visit the HBN brand store on Amazon: [HBN Store](#)