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Nexia BR100NX

Nexia Z-Wave Bridge BR100 Smart Home Hub Instruction Manual

Your guide to setting up, operating, and maintaining your Nexia Z-Wave Bridge BR100.

Introduction

The Nexia Z-Wave Bridge BR100 serves as the central hub for your smart home system, enabling communication between your Z-Wave devices and the Nexia online platform. This manual provides essential information for the proper installation, operation, and care of your device.

Setup Guide

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- Nexia Z-Wave Bridge BR100
- 110-volt power adapter
- Ethernet cable (10/100)

Inspect the bridge for any visible damage. If any components are missing or damaged, contact Nexia support immediately.

2. Connecting the Bridge

1. Connect one end of the provided Ethernet cable to the Ethernet port on the Nexia Bridge.
2. Connect the other end of the Ethernet cable to an available LAN port on your internet router.
3. Plug the 110-volt power adapter into the A/C Input port on the Nexia Bridge.
4. Plug the power adapter into a standard electrical outlet.
5. Allow a few minutes for the bridge to power on and establish a network connection. The Ethernet Lights and Server Light should indicate activity.

The Nexia Bridge requires a securely encrypted broadband internet connection through your router to function.

3. Nexia Account and Subscription

To manage your smart home system, an active Nexia online subscription is required. This typically involves a monthly fee. Visit the official Nexia website to create an account and activate your subscription. The Nexia Bridge acts as the hub that allows you

to manage your home through this online service.

4. Pairing Z-Wave Devices

Once your Nexia Bridge is online and your subscription is active, you can begin pairing compatible Z-Wave products. Refer to the specific instructions for each Z-Wave device you wish to add. The Nexia Bridge communicates wirelessly with many Nexia-compatible Z-Wave products from leading brands, offering complete control over your home.
The bridge can manage over 200 Z-Wave products, allowing for system expansion over time.

Operating Instructions

1. Understanding the Bridge Components

Familiarize yourself with the various ports, buttons, and indicator lights on your Nexia Z-Wave Bridge BR100:



This diagram illustrates the various components and indicator lights on the Nexia Z-Wave Bridge BR100. Key elements include the Server Light (indicating connection to the Nexia server), Z-Wave Light (indicating Z-Wave network activity), Minus (-) and Plus (+) buttons for device management, the A/C Input for power, Ethernet Lights for network status, a 9V Battery Compartment for backup power, and the MAC ID label.

- **Server Light:** Indicates connection status to the Nexia server.
- **Z-Wave Light:** Indicates Z-Wave network activity.
- **Minus (-) Button:** Used for specific Z-Wave device management functions.
- **Plus (+) Button:** Used for specific Z-Wave device management functions.
- **A/C Input:** Power connection port.
- **Ethernet Lights:** Indicate network activity on the Ethernet port.
- **9V Battery Compartment:** For optional battery backup.
- **MAC ID:** Unique identifier for the device, often used for registration.

2. Using the Nexia Online Platform

Access your Nexia account via a web browser or the Nexia mobile application. From the platform, you can:

- Add and remove Z-Wave devices.
- Create schedules and automations for your smart devices.
- Monitor the status of connected devices.
- Receive alerts and notifications.
- Control devices remotely from anywhere with an internet connection.

3. Z-Wave Network Range

The average Z-Wave communication range is 60 to 100 feet between each repeating device within the mesh network. For optimal performance, ensure your Z-Wave devices are within range of the bridge or other Z-Wave repeating devices.

Maintenance

1. General Care

- Keep the Nexia Bridge in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper airflow around the device to prevent overheating.

2. Firmware Updates

Nexia may periodically release firmware updates to improve performance, add features, or address security vulnerabilities. These updates are typically managed automatically through your Nexia online account. Ensure your bridge remains connected to the internet to receive these updates.

3. Battery Backup (Optional)

The Nexia Bridge includes a 9V Battery Compartment for optional battery backup. If you choose to install a 9V battery, periodically check its charge and replace it as needed to ensure continuous operation during power outages.

Troubleshooting

If you encounter issues with your Nexia Z-Wave Bridge, try the following steps:

1. **No Power:** Ensure the power adapter is securely plugged into both the bridge and a working electrical outlet.
2. **No Internet Connection:**
    - Check that the Ethernet cable is firmly connected to both the bridge and your router.
    - Verify that your internet router is powered on and has an active internet connection.
    - Restart your router and the Nexia Bridge by unplugging them for 30 seconds and then plugging them back in.

- Confirm that the Server Light and Ethernet Lights on the bridge are indicating proper activity.

3. **Z-Wave Devices Not Responding:**
    - Ensure the Z-Wave Light on the bridge is active.
    - Verify that the devices are within the Z-Wave network range (60-100 feet from the bridge or another repeater).
    - Attempt to re-pair the problematic Z-Wave device according to its specific instructions.
    - Check your Nexia online account for device status and error messages.
4. **Remote Access Issues:** If you cannot access your system remotely, ensure your internet connection is stable and your Nexia subscription is active. Sometimes, a change in your home network equipment (like a new modem) may require re-establishing the bridge's connection or network settings.

For persistent issues, refer to the Nexia support website or contact their customer service.

Specifications

Feature	Detail
Manufacturer	Nexia Home Intelligence
Part Number	BR100NX
Item Weight	9.1 ounces
Product Dimensions	1.4 x 4 x 4.8 inches
Item Model Number	BR100NX
Color	Black
Material	Plastic
Voltage	110 Volts
Item Package Quantity	1
Coverage	60 to 100 feet per repeating device (Z-Wave)
Special Features	Internet Security
Included Components	Nexia Home Intelligence bridge, 110 volt power adapter, 10/100 ethernet cable
Batteries Included?	No
Batteries Required?	No (Optional 9V for backup)
Date First Available	October 16, 2011

Warranty and Support

Warranty Information

For detailed warranty information regarding your Nexia Z-Wave Bridge BR100, please refer to the official Nexia Home Intelligence website or the documentation included with your purchase. Warranty terms and conditions may vary.

Customer Support

If you require technical assistance, have questions about your Nexia subscription, or need help with troubleshooting, please contact Nexia customer support. Support contact details can typically be found on the official Nexia Home Intelligence website.

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