

Aigital B0BBQ8MZSS

Aigital 300Mbps WiFi Extender User Manual

Model: B0BBQ8MZSS

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Aigital 300Mbps WiFi Extender. This device is designed to extend the range of your existing wireless network, eliminate Wi-Fi dead zones, and provide stable internet access throughout your home or office. It supports multiple operating modes including Repeater, Router, and Access Point.



Image: Front view of the Aigital WiFi Extender, showing its compact design, two external antennas, and LED indicators for WLAN, WAN, LAN, Power, and WPS button.

Key Features

- **High Speed:** Up to 300Mbps data transfer rate, ideal for streaming, gaming, and browsing.
- **Wide Coverage:** Equipped with 2x3dBi external antennas for improved range and stable signal.
- **Multiple Modes:** Supports Repeater Mode, Router Mode, and Access Point Mode for versatile use.
- **Ethernet Ports:** Includes Fast Ethernet ports (RJ45) for wired connections to devices like gaming consoles, Smart TVs, and PCs.
- **Easy Setup:** One-button WPS setup for quick and convenient connection to your existing router.
- **Compatibility:** Works with most standard routers and devices.

N300Mbps WIFI SPEED

2.4GHz high-speed technology up to 300Mbps providing a strong and reliable WiFi signal



Image: Visual representation of the N300Mbps WiFi speed, illustrating its ability to provide a strong and reliable signal, breaking through barriers, and highlighting benefits like higher speed and ultra-low buffering.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Aigital 300Mbps WiFi Extender
- Ethernet Cable
- Quick Installation Guide

What's in Package?



Image: The contents of the product package, showing the Aigital WiFi Extender, an Ethernet cable, and the quick installation guide booklet.

SETUP

1. WPS (Wi-Fi Protected Setup) Method

The WPS method allows for a quick and easy connection to your existing router without manual configuration.

1. Plug the Aigital WiFi Extender into an electrical outlet near your router.
2. Wait for the Power LED to turn solid.
3. Press the WPS button on the Aigital WiFi Extender.
4. Within 2 minutes, press the WPS button on your main router.
5. The WLAN LED on the extender will turn solid, indicating a successful connection.

EASY TO INSTALL

WiFi ready only 8 seconds using the WPS button



Image: A visual guide demonstrating the WPS setup process, showing a hand pressing the WPS button on the Aigital extender and another hand pressing the WPS button on a wireless router, indicating an 8-second setup time.

2. Web Browser Method (Manual Setup)

If your router does not support WPS or you prefer manual configuration, follow these steps:

1. Plug the Aigital WiFi Extender into an electrical outlet.
2. Connect your computer or mobile device to the extender's default Wi-Fi network (e.g., "Aigital_Ext"). No password is required initially.
3. Open a web browser and type 192.168.10.1 or aigital.wifi into the address bar.
4. Log in using the default username and password (usually admin for both).
5. Follow the on-screen instructions to select your desired operating mode (Repeater, Router, or Access Point) and configure network settings.

OPERATING MODES

The Aigital WiFi Extender offers three distinct operating modes:

1. Repeater Mode

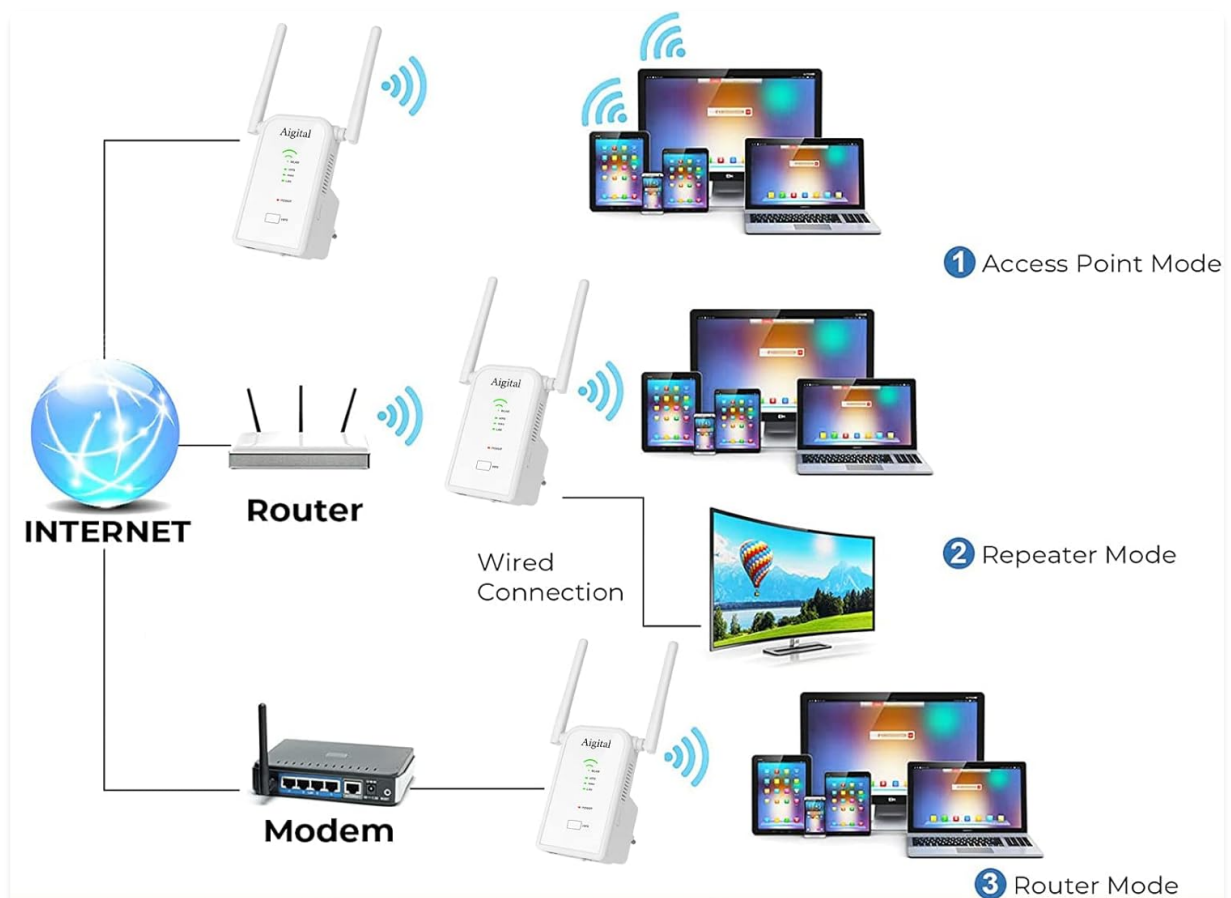
In Repeater Mode, the extender wirelessly connects to your existing router and amplifies its signal, extending Wi-Fi coverage to areas with weak or no signal. This is the most common mode for eliminating dead zones.

2. Router Mode

In Router Mode, the extender acts as a primary router, creating a new private wireless network. This mode is suitable if you have a modem but no router, or if you want to create a separate network.

3. Access Point (AP) Mode

In Access Point Mode, the extender connects to your existing wired network (e.g., via an Ethernet cable from your router) and broadcasts a new wireless signal. This is useful for adding Wi-Fi capability to a wired-only network or improving Wi-Fi coverage in a specific area by converting a wired connection to wireless.



THREE-IN-ONE FEATURE

3 WORKING MODES for Your Choice

Access Point Mode: Turn wired network to wireless

Repeater Mode: Improve the coverage area of wifi signal

Router Mode: Create an instant private wireless network and enable multiple devices to share it

Image: A diagram titled 'THREE-IN-ONE FEATURE' illustrating the three working modes: Access Point Mode (wired network to wireless), Repeater Mode (improving WiFi signal coverage), and Router Mode (creating a private wireless network).

OPERATING INSTRUCTIONS

Connecting Devices

Once the extender is set up in your desired mode, you can connect your wireless devices (smartphones, tablets, laptops) to the extended Wi-Fi network. The network name (SSID) will typically be your original network name followed by "_EXT" or similar, unless you configured a new name in Router or AP mode.

- **Wireless Connection:** Search for available Wi-Fi networks on your device and select the extender's network name. Enter the password if prompted (this will be the same as your main router's password in Repeater mode, or a new one you set in Router/AP mode).
- **Wired Connection:** For devices like gaming consoles, Smart TVs, or desktop PCs, connect an Ethernet cable from the device to one of the RJ45 ports on the extender. This provides a stable, high-speed wired connection.

FAST ETHERNET PORTS

Connect a wired device such as a gaming console, Blu-ray player, Smart TV for wired speed and reliability anywhere



Image: The Aigital WiFi Extender plugged into a wall outlet, with an Ethernet cable connecting it to a gaming console, illustrating its use of Fast Ethernet Ports for wired devices like gaming consoles, 4K HDTVs, PCs, and printers.

MAINTENANCE

To ensure optimal performance and longevity of your Aigital WiFi Extender, consider the following maintenance tips:

- **Placement:** Place the extender in a central location between your router and the area where you need extended coverage. Avoid placing it near large metal objects, concrete walls, or other electronic

devices that may cause interference.

- **Cleaning:** Gently wipe the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the Aigital support website for firmware updates. Keeping your device's firmware up-to-date can improve performance, security, and add new features.
- **Ventilation:** Ensure the ventilation holes on the device are not blocked to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your Aigital WiFi Extender, refer to the following common problems and solutions:

Problem	Possible Solution
No internet access after setup.	Ensure the extender is successfully connected to your main router (WLAN LED solid). Check if your main router has internet access. Try restarting both the extender and your main router. Verify the Wi-Fi password entered during setup is correct.
Weak signal or slow speed from the extender.	Relocate the extender closer to your main router, but still within the router's signal range. Avoid physical obstructions like thick walls or large metal objects. Check for interference from other electronic devices (microwaves, cordless phones). Ensure the extender's antennas are properly positioned.
Cannot access the web management page (192.168.10.1).	Ensure your device is connected to the extender's Wi-Fi network. Clear your browser's cache and cookies, or try a different browser. Temporarily disable any VPN or firewall software on your computer. Reset the extender to factory defaults (refer to the quick installation guide for instructions).
WPS connection fails.	Ensure both WPS buttons are pressed within the 2-minute window. Make sure your router supports WPS. Try the manual web browser setup method instead.

SPECIFICATIONS

Feature	Detail
Model	B0BBQ8MZSS
Wireless Communication Standard	802.11bgn
Data Transfer Rate	300 Megabits Per Second
Frequency Bands Supported	2.4 GHz
Antennas	2 x 3dBi External Antennas
Connector Type	RJ45 (Ethernet Ports)
Item Weight	7 ounces
Package Dimensions	4.06 x 3.94 x 3.9 inches

WARRANTY AND SUPPORT

Aigital products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Aigital support website.

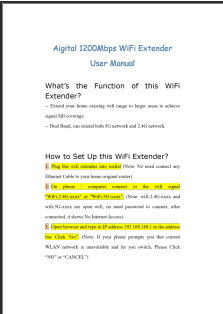
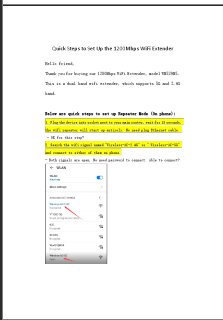
If you require technical assistance, troubleshooting, or have questions about your Aigital WiFi Extender, please contact Aigital customer support through their official channels. Support contact information can typically be found on the Aigital website or in the quick installation guide.





Online Resources:

- Visit the [Aigital Store on Amazon](#) for product information and updates.

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Related Documents - B0BBQ8MZSS

	<p>Aigital 1200Mbps WiFi Extender User Manual - Setup and Guide</p> <p>Comprehensive user manual for the Aigital 1200Mbps WiFi Extender. Learn how to set up, connect, and troubleshoot your WiFi range extender for extended coverage.</p>
	<p>Quick Steps to Set Up the 1200Mbps WiFi Extender</p> <p>A guide to setting up the Aigital 1200Mbps WiFi Extender in Repeater Mode. This dual-band extender supports 5G and 2.4G bands and provides instructions for phone and computer setup, including network selection, password entry, and optional name/password changes.</p>

	<p>N300 WiFi Range Extender Quick Installation Guide</p> <p>A quick installation guide for the N300 WiFi Range Extender, covering Repeater Mode and AP Mode setup, troubleshooting, and warranty information.</p>
	<p>AIGITAL Mini Router User Manual: Setup & Troubleshooting Guide</p> <p>Comprehensive user manual for AIGITAL Mini Router, detailing setup instructions for Repeater, AP, and Router modes, including troubleshooting tips and frequently asked questions for optimal wireless network configuration.</p>
	<p>Aigital AC1200 Mesh WiFi System Quick Setup Guide</p> <p>Comprehensive guide to setting up your Aigital AC1200 Dual Band Smart Home WiFi Mesh System in Router or AP mode. Learn how to achieve whole-home WiFi coverage and seamless roaming.</p>
	<p>Aigital 09S Bluetooth Transmitter User Manual and Guide</p> <p>Learn how to connect your non-Bluetooth devices like TVs and computers to Bluetooth headphones or speakers using the Aigital 09S Bluetooth Transmitter. This guide covers pairing steps, notes, and troubleshooting.</p>