

- Manuals.plus /
- › Digicom /
- › Digicom WEX300-J2 Network Repeater User Manual

Digicom WEX300-J2

Digicom WEX300-J2 Network Repeater User Manual

Model: WEX300-J2

1. INTRODUCTION

The Digicom WEX300-J2 is a network repeater designed to extend the coverage of an existing Wi-Fi network. This device supports Wi-Fi standards 802.11b, 802.11g, and 802.11n, offering data transfer speeds up to 300 Mbps. It is ideal for eliminating Wi-Fi dead zones and improving wireless signal strength in your home or office. This manual provides essential instructions for the setup, operation, maintenance, and troubleshooting of your Digicom WEX300-J2 Network Repeater.

2. PRODUCT OVERVIEW



The image shows the white Digicom WEX300-J2 Network Repeater from a slightly elevated angle. It has an integrated two-pin European power plug on the left side. On the front surface, there are three green LED indicators for signal strength, a blue LED, and the 'digicom' logo. A WPS button icon is visible on the top surface.

The Digicom WEX300-J2 is a compact, white device designed for direct wall-plug installation. It features an integrated power plug for convenience. The front panel includes LED indicators to display power status and Wi-Fi signal strength, helping you identify the optimal placement for the device. A WPS (Wi-Fi Protected Setup) button is located on the top for quick and secure connection to your main router.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1x Digicom WEX300-J2 Network Repeater
- 1x LAN Cable (RJ-45)

- 1x User Manual (this document)

If any item is missing or damaged, please contact your retailer.

4. SETUP

There are two primary methods to set up your Digicom WEX300-J2 Network Repeater:

4.1. WPS (Wi-Fi Protected Setup) Method

1. **Power On:** Plug the Digicom WEX300-J2 into a power outlet near your main Wi-Fi router.
2. **Wait for Power LED:** Wait for the power indicator LED on the repeater to stabilize.
3. **Press Repeater WPS:** Press the WPS button on the top of the Digicom WEX300-J2. The WPS LED will start blinking.
4. **Press Router WPS:** Within two minutes, press the WPS button on your main Wi-Fi router.
5. **Verify Connection:** Wait for the signal strength LEDs on the repeater to indicate a successful connection (usually solid green or blue).
6. **Relocate:** Unplug the repeater and move it to an optimal location between your router and the area where you need extended Wi-Fi coverage. Plug it into a power outlet and wait for the signal strength LEDs to light up, indicating a good connection.

4.2. Web Browser Method

1. **Power On:** Plug the Digicom WEX300-J2 into a power outlet.
2. **Connect to Repeater's Wi-Fi:** On your computer or mobile device, connect to the repeater's default Wi-Fi network (e.g., "Digicom_Extender" or similar, check the label on the device). No password is required initially.
3. **Access Web Interface:** Open a web browser (e.g., Chrome, Firefox) and enter the default IP address (e.g., **192.168.1.254** or **repeater.local**) in the address bar.
4. **Log In:** Enter the default username and password (commonly **admin/admin** or check the device label/manual for specific credentials).
5. **Follow Wizard:** Follow the on-screen setup wizard. It will scan for available Wi-Fi networks. Select your main Wi-Fi network from the list.
6. **Enter Password:** Enter the password for your main Wi-Fi network.
7. **Configure Repeater SSID:** You may choose to keep the same network name (SSID) as your main router or create a new one for the extended network (e.g., "MyHome_EXT").
8. **Save and Restart:** Save the settings. The repeater will restart.
9. **Relocate:** Unplug the repeater and move it to an optimal location between your router and the area needing coverage. Plug it in and wait for the signal strength LEDs to confirm a good connection.

5. OPERATING MODES

The Digicom WEX300-J2 typically supports the following operating modes:

- **Repeater Mode:** This is the default mode, extending the range of an existing Wi-Fi network. The repeater connects wirelessly to your main router and re-broadcasts the signal.
- **Access Point (AP) Mode:** In this mode, the repeater connects to your wired network (e.g., via an Ethernet cable to your router or modem) and broadcasts a new Wi-Fi signal. This effectively turns a wired connection into a wireless

hotspot.

6. MAINTENANCE

To ensure optimal performance and longevity of your Digicom WEX300-J2 Network Repeater, follow these maintenance guidelines:

- **Placement:** Place the device in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Cleaning:** Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Periodically check the official Digicom website for any available firmware updates. Updating firmware can improve performance and security.
- **Avoid Obstructions:** Ensure there are no major physical obstructions (e.g., thick walls, metal objects) between the repeater and your main router, or between the repeater and your client devices.

7. TROUBLESHOOTING

If you encounter issues with your Digicom WEX300-J2, refer to the following common problems and solutions:

- **No Power:**
Ensure the repeater is securely plugged into a working power outlet. Try a different outlet.
- **Cannot Connect to Repeater's Wi-Fi:**
Verify that you are selecting the correct Wi-Fi network name (SSID) and entering the correct password. If you changed the SSID during setup, ensure you are connecting to the new one.
- **No Internet Access Through Repeater:**
Check the connection between the repeater and your main router. The signal strength LEDs on the repeater should indicate a good connection. Ensure your main router has active internet access. Try relocating the repeater closer to the main router.
- **Slow Wi-Fi Speed:**
Relocate the repeater to an optimal position, ideally halfway between your main router and the area experiencing poor signal. Minimize interference from other electronic devices (e.g., microwaves, cordless phones). Ensure your main router is providing adequate internet speed.
- **Resetting the Device:**
If the device is unresponsive or you forget your settings, you can perform a factory reset. Locate the small reset button (usually a pinhole) on the device. With the device powered on, use a paperclip or similar pointed object to press and hold the reset button for 5-10 seconds. The device will restart with factory default settings.

8. SPECIFICATIONS

Feature	Description
Model Number	WEX300-J2 (8E4605)
Type	Network Repeater / Wi-Fi Extender
Wireless Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Data Transfer Rate	Up to 300 Mbps
Frequency Band	2.4 GHz

Ethernet Port	1x RJ-45 (10/100 Mbps)
Cabling Technology	10/100/1000Base-T(x) (as per standard support)
Color	White
Compatible Devices	Wi-Fi devices (routers, smartphones, tablets, laptops, computers, smart TVs, gaming consoles, printers, security cameras)
Power	Integrated EU-type power plug

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and customer service, please refer to the official Digicom website or contact your local retailer. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

© 2023 Digicom. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B072K2G3YF>

More documents and user manuals: <https://manuals.plus/>