LB-link BL-MP01

LB-link Wireless N Router

Model: BL-MP01

User Instruction Manual

1. PRODUCT OVERVIEW

The LB-link BL-MP01 is a compact and versatile 150 Mbps Wireless N Pocket Travel Router designed for easy internet access and sharing on the go. It supports multiple operating modes and features for convenient wireless connectivity.

Figure 1: Front view of the LB-link BL-MP01 Wireless N Router, showing the WPS/RESET button and indicator lights for WiFi, LAN, and Power.

Key Features:

- Supports random selection of switching between Router, Client, and AP modes.
- WPS (Wi-Fi Protected Setup) support for one-key encryption, eliminating the need for manual password entry.
- Plug and Play functionality for easy wireless access and internet sharing.
- Built-in device for scanning wireless hotspots, remembering SSID names, and automatically bridging/relaying for convenient use.
- Equipped with RJ45 and USB ports for versatile connectivity.

2. SETUP GUIDE

2.1 Initial Power On

1. Connect the LB-link BL-MP01 to a power source using the provided USB cable.
2. Wait for the Power indicator light to turn solid, indicating the device is powered on.

2.2 Connecting to the Router

1. **Wireless Connection:** On your computer or mobile device, search for available Wi-Fi networks. Select the network name (SSID) broadcast by the BL-MP01 (e.g., "LB-link_XXXX"). Enter the default password if prompted (refer to the label on the device or packaging for default credentials).
2. **Wired Connection:** Connect an Ethernet cable from the RJ45 port of the BL-MP01 to your computer's Ethernet port.

2.3 Basic Configuration (Router Mode)

1. Open a web browser and enter the default IP address (e.g.,192.168.16.1) in the address bar.
2. Log in using the default username and password (e.g.,admin/admin).
3. Follow the on-screen setup wizard to configure your internet connection type (e.g., PPPoE, Dynamic IP, Static IP).
4. Set a new Wi-Fi network name (SSID) and a strong password for your wireless network.

3. OPERATING MODES

The BL-MP01 supports multiple operating modes to suit various networking needs:

- **Router Mode:** Connects to a modem (DSL/Cable) and creates a private wireless network for multiple devices.
- **Client Mode:** Allows a wired device (e.g., a desktop computer) to connect to an existing wireless network.
- **AP (Access Point) Mode:** Transforms a wired network connection into a wireless hotspot, allowing wireless devices to connect.

To switch between modes, access the router's web management interface and navigate to the operating mode settings. Select the desired mode and save the changes. The device may restart to apply the new settings.

4. WPS FUNCTIONALITY

The Wi-Fi Protected Setup (WPS) feature allows for quick and secure connection to your wireless network without manually entering the password.

Figure 2: Close-up view of the LB-link BL-MP01 Wireless N Router, highlighting the WPS/RESET button at the top.

Using WPS:

1. Press the **WPS/RESET** button on the BL-MP01 for approximately 1-3 seconds. The Wi-Fi indicator light will start blinking.

2. Within two minutes, activate the WPS function on your client device (e.g., laptop, smartphone). Refer to your client device's manual for specific instructions on activating WPS.

3. The devices will automatically establish a secure connection. The Wi-Fi indicator light on the router will become solid when connected.

5. WIRELESS HOTSPOT SCANNING AND BRIDGING

The BL-MP01 features a built-in function to scan for available wireless hotspots, remember their SSID names, and automatically bridge or relay the connection. This is particularly useful for extending Wi-Fi coverage or connecting to public hotspots.

Steps for Hotspot Connection:

1. Access the router's web management interface.

2. Navigate to the
   Documents - LB-link – BL-MP01

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