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Planex MZK-DP300N

Planex MZK-DP300N Portable Wi-Fi Router User Manual

Model: MZK-DP300N

Introduction

The Planex MZK-DP300N, also known as ChibiFi 4, is a compact and portable Wi-Fi router designed for convenient internet access in various locations such as hotels, hospitals, and cafes. This device converts a wired LAN connection into a wireless Wi-Fi network, allowing multiple devices to connect simultaneously without the need for individual Wi-Fi configuration at each new location.
This manual provides detailed instructions for setting up, operating, and maintaining your MZK-DP300N router. Please read it carefully before use to ensure optimal performance and safety.

Product Features

- **Easy Wi-Fi Setup:** Simply plug the router into an electrical outlet and connect it to an available wired or wireless LAN to create a personal Wi-Fi environment.
- **Multi-Device Connectivity:** Connect multiple devices such as smartphones, tablets, laptops, and portable gaming consoles simultaneously to the internet.
- **Data Usage Efficiency:** By converting wired LAN to wireless, the router allows direct internet access, eliminating concerns about mobile data packet usage.
- **Quick Configuration:** Once device IDs are registered, setting up the wireless LAN is a simple two-step process: plug into an outlet and connect the LAN cable.
- **Ultra-Compact Design:** Measuring approximately 30(W) x 45(H) x 55(D) mm, its small size makes it highly portable and easy to carry in a bag's side pocket.
- **Adjustable Signal Strength:** Features a radio wave strength adjustment function with five levels (100%, 70%, 50%, 30%, 15%) to reduce signal leakage and minimize interference with other Wi-Fi networks in shared environments.



Image: The MZK-DP300N router providing Wi-Fi connectivity to multiple devices in a hotel room setting.

Setup Instructions

1. Initial Connection

Before configuring your router, ensure it is properly connected to a power source and the internet.

1. **Plug into an Outlet:** Insert the MZK-DP300N router directly into a power outlet.
2. **Connect to LAN (if available):** If a wired LAN connection is available (e.g., in a hotel room), connect a LAN cable from the wall port to the LAN port on the router.



Image: The MZK-DP300N router connected to a power outlet and a LAN cable.

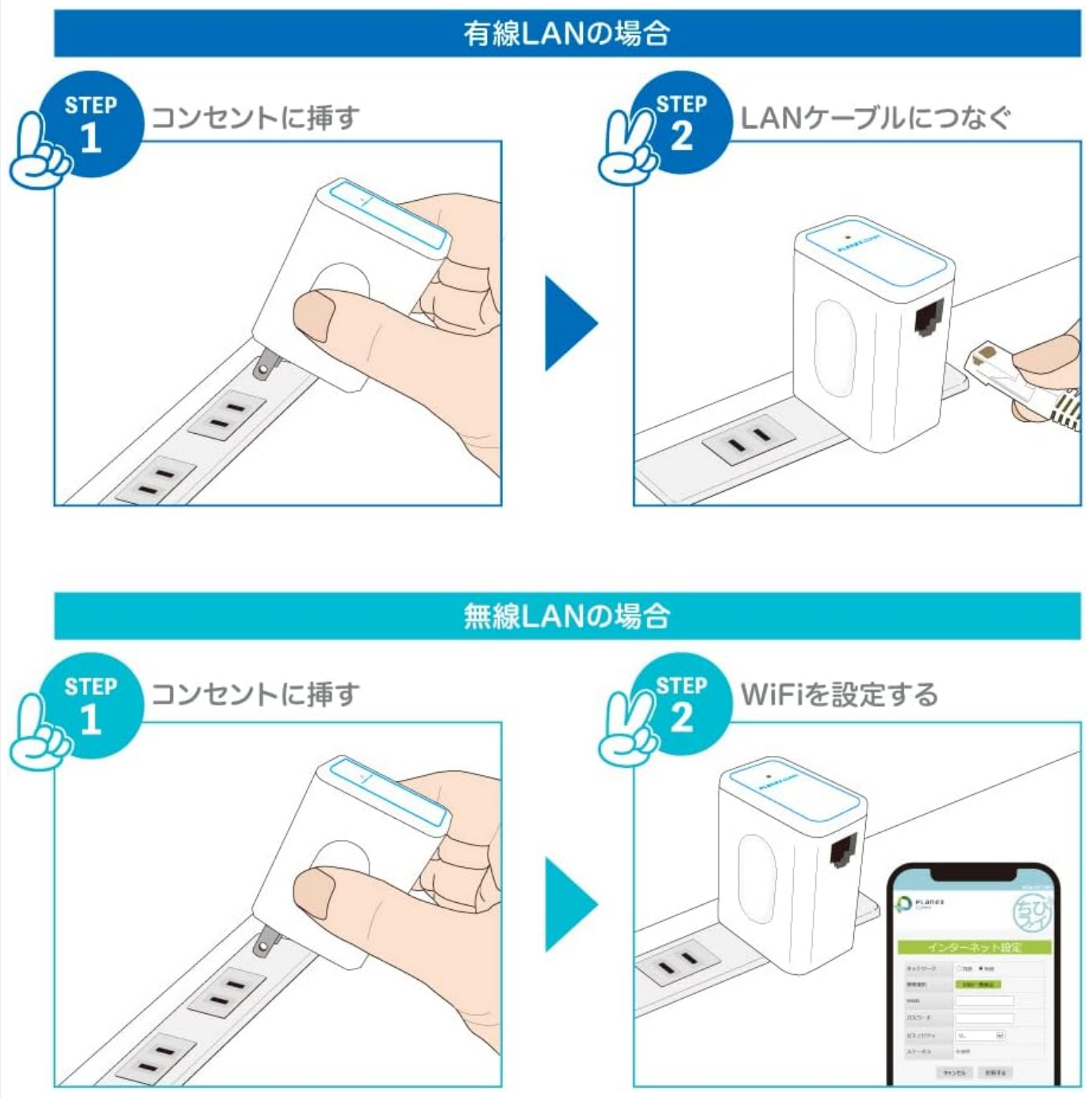


Image: Visual guide for connecting the router to power and either a wired LAN or setting up Wi-Fi.

2. Connecting Devices to Wi-Fi

Once the router is powered on and connected to the internet source, you can connect your wireless devices.

1. **Find the Wi-Fi Network:** On your device (smartphone, laptop, tablet), search for available Wi-Fi networks. The network name (SSID) and password for your MZK-DP300N are typically found on a label on the device itself or in the included documentation.
2. **Connect:** Select the MZK-DP300N's SSID and enter the password when prompted.
3. **Automatic Reconnection:** After the initial connection, your devices will automatically connect to the MZK-DP300N whenever it is powered on and within range, even in different locations.

Operating Instructions

Accessing Router Settings (Web Interface)

To manage advanced settings such as Wi-Fi name, password, or signal strength, access the router's web interface.

1. **Connect to the Router:** Ensure your device is connected to the MZK-DP300N's Wi-Fi network.
2. **Open a Web Browser:** Launch a web browser (e.g., Chrome, Firefox, Safari) on your connected device.
3. **Enter IP Address:** Type the router's default IP address (usually found on the device label or in the manual) into the browser's address bar and press Enter. Common default IP addresses are `192.168.1.1` or `192.168.0.1`.
4. **Log In:** Enter the administrator username and password. Default credentials are also typically found on the device label or in the manual.

製品型番	MZK-DP300N
無線部仕様	
対応規格	Wi-Fi 4（IEEE802.11n）
	IEEE802.11g
	IEEE802.11b
周波数帯域チャンネル数	2.4GHz帯：1～13ch
伝送速度	Wi-Fi 4（IEEE802.11n）40MHz：最大300Mbps
	IEEE802.11g：54、48、36、24、18、12、9、6Mbps（自動認識）
	IEEE802.11b：11、5.5、2、1Mbps（自動認識）
伝送方式	Wi-Fi 4（IEEE802.11n）：直交波周波数分割多重変調（OFDM方式）
	IEEE802.11g：直交波周波数分割多重変調（OFDM方式）
	IEEE802.11b：直接拡散型スペクトラム拡散（DSSS方式）
アンテナ	内蔵アンテナ2本（2T2R）
セキュリティ	WPA2-PSK（暗号化方式：AES）
	WPA-PSK（暗号化方式：AES）
有線部仕様	
対応規格	IEEE802.3u（100BASE-TX）
	IEEE802.3i（10BASE-T）
インターフェース	RJ-45 UTPポート×1（Internetポート、AutoMDI/MDI-X対応）
ルーター機能	
WAN設定	IPアドレス自動取得（DHCPクライアント）
ハードウェア仕様	
ハードウェアスイッチ	Resetボタン
入力電圧	AC100～240V、50/60Hz
消費電力	最大約2W
外形寸法	約30（W）×45（H）×55（D）mm（突起部含まず）
重量	約53g
動作時環境	温度：0～40℃
	湿度：95%以下（結露なきこと）
保存時環境	温度：-25～70℃
	湿度：95%以下（結露なきこと）
その他	
対応OS	Windows 7 / 8 / 8.1 / 10 / 11
	MacOS 10.12 / 10.13 / 10.14 / 10.15 / 11 / 12
	iOS
	Android
	Chrome OS
各種設定方法	Webブラウザー
保証期間	1年間
同梱物	MZK-DP300N（本製品）、印刷物一式

Image: Example of the router's web interface for configuration.

Adjusting Signal Strength

The MZK-DP300N features an adjustable radio wave strength function. This can be useful in shared environments to minimize interference with other networks.

1. Access the web interface as described above.
2. Navigate to the Wi-Fi settings or advanced settings section.
3. Select your desired signal strength from the available options: 100%, 70%, 50%, 30%, or 15%.
4. Save the changes. The router may restart to apply the new setting.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the router. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the Planex website for firmware updates. Keeping your router's firmware up-to-date ensures optimal performance, security, and compatibility. Firmware updates can typically be performed via the router's web interface.
- **Reset Button:** The router has a reset button. Pressing and holding this button for several seconds (refer to specific instructions in the full manual if available) will restore the router to its factory default settings. Use this only if necessary, as all custom configurations will be lost.

Troubleshooting

No Internet Connection

- **Check Physical Connections:** Ensure the router is securely plugged into a power outlet. If using a wired LAN, verify the LAN cable is firmly connected to both the wall port and the router's LAN port.
- **Verify Internet Source:** Confirm that the wired LAN connection (e.g., hotel internet) is active and working independently. Try connecting a laptop directly to the wall LAN port if possible.
- **Restart Router:** Unplug the router from the power outlet, wait 10 seconds, then plug it back in.
- **Check Router Settings:** Access the web interface to ensure internet settings (WAN settings) are configured for automatic IP address acquisition (DHCP client).

Cannot Connect to Wi-Fi Network

- **Check Wi-Fi Password:** Ensure you are entering the correct Wi-Fi password (WPA2-PSK key). Passwords are case-sensitive.
- **Router Range:** Make sure your device is within the Wi-Fi range of the router.
- **Restart Device:** Restart the device you are trying to connect (smartphone, laptop).
- **Reset Router:** As a last resort, perform a factory reset using the reset button. Note that this will erase all custom settings.

Specifications



Image: The compact dimensions of the MZK-DP300N router.

Feature	Detail
Brand	Planex
Model Name	ChibiFi 4 (MZK-DP300N)
Wireless Standard	IEEE 802.11n/g/b (Wi-Fi 4)
Frequency Band	Single Band (2.4 GHz, Channels 1-13)
Data Transfer Rate	Up to 300 Mbps (802.11n)
LAN Port Bandwidth	10/100 Mbps (RJ-45 UTP x 1, AutoMDI/MDI-X)
Antenna	Built-in (2T2R)

Feature	Detail
Security	WPA2-PSK (AES), WPA-PSK (AES)
Compatible OS	Windows 7/8/8.1/10/11, macOS 10.12-12, iOS, Android, Chrome OS
Input Voltage	AC100-240V, 50/60Hz
Power Consumption	Max approx. 2W
Dimensions (W x H x D)	Approx. 30 x 45 x 55 mm (excluding protrusions)
Weight	Approx. 53g
Operating Temperature	0°C to 40°C
Operating Humidity	95% or less (non-condensing)
Included Items	MZK-DP300N (main unit), printed materials

Warranty and Support

The Planex MZK-DP300N comes with a **1-year manufacturer warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please visit the official Planex website or contact their customer service department. Contact information can typically be found on the Planex website or in the documentation included with your product.
Official Planex Website: https://www.planex.co.jp/

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Email

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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