

AiBridgeMCP – First-Time Setup Guide

Understanding AP Mode and Initial Network Setup

When powered on for the first time (or after a reset),
AiBridgeMCP always starts in AP Mode.

AP Mode means the device creates its own Wi-Fi network so you can connect to it directly.
This is required for the first setup.

Why AP Mode Exists

AP Mode serves three important purposes:

1. **To perform the initial setup**
2. **To check the DHCP IP address assigned by your router**
3. **To allow recovery and reconfiguration at any time**

AP Mode is always ON.

No matter what happens — router change, wrong password, unknown IP —
you can always reconnect to the device.

Think of it as a built-in safety access point.

Initial Setup (3 Simple Steps)

STEP 1 — Connect to AiBridgeMCP (AP Mode)

Open your device's Wi-Fi settings and select:

AiBridgeMCP

Then open your browser and go to:

<http://192.168.4.1>

Note:

While connected to AP Mode, the internet will NOT be available.

STEP 2 — Configure Your Home Wi-Fi

1. Open **File Manager**
2. Enter your home router's **SSID**
3. Enter your Wi-Fi **password**
4. Click **Save**
5. Reboot the device

After reboot, AiBridgeMCP connects to your home network (STA Mode).

STEP 3 — Check the Assigned IP Address

AP Mode remains active even after reboot.

Reconnect to:

AiBridgeMCP

Open:

<http://192.168.4.1>

You will see something like:

STA Address: 192.168.x.xxx (DHCP)

This is the IP address assigned by your router.

You will use this address for normal operation.

Normal Operation

Connect your PC or smartphone to your home Wi-Fi.

Open:

<http://192.168.x.xxx>

Now you can:

- Use the internet
- Control AiBridgeMCP

at the same time.

AP Mode: Your Permanent Safety Access

AP Mode is always available.

Even if:

- You replace your router
- You enter the wrong Wi-Fi password
- You forget the assigned IP address

You can always reconnect using:

AiBridgeMCP → <http://192.168.4.1>

This ensures the device is never locked out.

Summary

- ✓ Always start with AP Mode
 - ✓ Configure your home Wi-Fi
 - ✓ Check the DHCP IP address
 - ✓ Use that address for daily operation
 - ✓ Return to AP Mode anytime if needed
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