

TP-Link Archer C2_V2

TP-Link AC750 Wireless Wi-Fi Gigabit Router (Archer C2_V2) Instruction Manual

Model: Archer C2_V2

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your TP-Link AC750 Wireless Wi-Fi Gigabit Router, model Archer C2_V2. This device is designed to provide high-speed wireless connectivity using the 802.11ac standard, offering simultaneous 2.4GHz and 5GHz bands for a combined data transfer rate of up to 733Mbps. It features Gigabit Ethernet ports for fast wired connections and a USB port for sharing resources.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- AC750 Wireless Dual Band Gigabit Router (Archer C2)
- 2 Detachable Antennas
- Power Supply Unit
- Ethernet Cable
- Quick Installation Guide

3. PRODUCT OVERVIEW

3.1 Front Panel

The front panel of the Archer C2_V2 router features LED indicators that display the device's status.



Image 3.1.1: Front view of the TP-Link Archer C2_V2 router. This image shows the top and front of the router, highlighting the patterned surface and the row of LED indicators for power, internet, Wi-Fi, and LAN connections.

3.2 Rear Panel

The rear panel contains all the physical ports and buttons for connecting the router to your network and power.



Image 3.2.1: Rear view of the TP-Link Archer C2_V2 router. This image displays the back of the router, clearly showing the power input, power on/off button, reset button, Wi-Fi/WPS button, Internet (WAN) port, four Ethernet (LAN) ports, and a USB port.

- **Power Port:** Connects to the provided power adapter.
- **Power On/Off Button:** Turns the router on or off.
- **Reset Button:** Press and hold for several seconds to restore factory default settings.
- **Wi-Fi/WPS Button:** Press to enable/disable Wi-Fi or to activate WPS (Wi-Fi Protected Setup).
- **Internet (WAN) Port:** Connects to your modem for internet access.
- **Ethernet (LAN) Ports (1-4):** Connect wired devices such as computers, smart TVs, or gaming consoles.
- **USB Port:** Used for sharing a printer or files and media across your network or via an FTP server.

4. SETUP

4.1 Hardware Connection

1. **Power Off:** Disconnect the power from your modem and router (if applicable).
2. **Connect Antennas:** Screw the two detachable antennas onto the router's connectors.
3. **Connect Modem:** Connect one end of the provided Ethernet cable to the WAN port (blue) on your Archer C2_V2 router and the other end to your modem's Ethernet port.
4. **Connect Power:** Connect the power adapter to the router's power port and plug it into a wall outlet. Press the Power On/Off button if necessary.

5. **Power On Modem:** Power on your modem and wait for it to fully initialize (usually indicated by stable LED lights).
6. **Power On Router:** Wait for the router's LED indicators to stabilize, indicating it is ready for configuration.

4.2 Network Configuration

1. **Connect to Router:**
 - **Wired:** Connect your computer to one of the router's LAN ports (yellow) using an Ethernet cable.
 - **Wireless:** Connect your wireless device (laptop, smartphone) to the router's default Wi-Fi network. The default SSID (network name) and password are typically printed on a label on the bottom of the router.
2. **Access Management Page:** Open a web browser and type <http://tplinkwifi.net> or <http://192.168.0.1> into the address bar.
3. **Login:** Enter the default username and password (usually *admin* for both, or as specified on the router's label).
4. **Run Quick Setup:** Follow the on-screen instructions of the Quick Setup Wizard to configure your internet connection and wireless settings (SSID and password). It is recommended to change the default Wi-Fi password for security.
5. **Save Settings:** Apply and save your new settings.

5. OPERATING THE ROUTER

5.1 Connecting Devices

- **Wired Devices:** Connect devices like desktop computers, gaming consoles, or smart TVs to the yellow LAN ports using Ethernet cables.
- **Wireless Devices:** Search for your configured Wi-Fi network (SSID) on your wireless devices and enter the password you set during the setup process.

5.2 Dual-Band Wi-Fi

The Archer C2_V2 operates on two frequency bands: 2.4GHz and 5GHz.

- **2.4GHz Band:** Provides wider coverage and better penetration through walls, suitable for general internet use and older devices.
- **5GHz Band:** Offers faster speeds and less interference, ideal for bandwidth-intensive activities like online gaming and HD video streaming, but with a shorter range.

5.3 USB Port Functionality

The USB port allows you to:

- **Share a Printer:** Connect a USB printer to the router to make it accessible to all devices on your network.
- **Share Files & Media:** Connect a USB storage device (e.g., a flash drive or external hard drive) to share files, photos, and videos with networked devices or remotely via an FTP server.

6. MAINTENANCE

- **Firmware Updates:** Regularly check the TP-Link website for firmware updates to ensure optimal performance and security.
- **Router Placement:** Place the router in a central location, away from obstructions and devices that may cause interference (e.g., microwaves, cordless phones).
- **Security:** Use strong, unique passwords for your Wi-Fi networks and router administration page. Enable WPA2/WPA3 encryption for your wireless network.

- **Cleaning:** Keep the router clean and free from dust to prevent overheating.

7. TROUBLESHOOTING

7.1 No Internet Access

- Check if the Internet LED on the router is lit. If not, ensure the Ethernet cable from the modem is securely connected to the WAN port.
- Restart your modem and router. Unplug both devices, wait 30 seconds, then plug in the modem first, wait for it to fully boot, then plug in the router.
- Verify your internet connection settings in the router's web management page. Contact your Internet Service Provider (ISP) if the issue persists.

7.2 Unable to Access Router Management Page

- Ensure your device is connected to the router (wired or wirelessly).
- Verify that you are using the correct address (<http://tplinkwifi.net> or <http://192.168.0.1>).
- Clear your browser's cache and cookies, or try a different browser.
- If you forgot your login password, you may need to perform a factory reset (see Section 3.2).

7.3 Poor Wireless Signal or Speed

- Relocate the router to a more central position, away from obstacles and potential interference sources.
- Adjust the antennas for optimal signal reception.
- Ensure your wireless devices support the 5GHz band for faster speeds.
- Check for firmware updates for your router and wireless adapters.

8. SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Name	Archer C2
Item Model Number	Archer C2_V2
Wireless Type	2.4 GHz Radio Frequency, 5 GHz Radio Frequency, 802.11ac
Frequency Band Class	Dual-Band
Connectivity Technology	Wi-Fi
Special Feature	WPS
Item Weight	10.6 ounces (0.66 Pounds)
Product Dimensions (LxWxH)	9.05 x 5.68 x 1.39 inches
Compatible Devices	Printer
Recommended Uses For Product	Home

9. WARRANTY AND SUPPORT

For warranty information, technical support, and product registration, please visit the official TP-Link website. You can find detailed support resources, FAQs, and contact information for customer service.

TP-Link Official Website: www.tp-link.com