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› TP-Link Archer C2 AC750 Wireless Dual Band Gigabit Router User Manual

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Model: Archer C2

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your TP-Link Archer C2 AC750 Wireless Dual Band Gigabit Router. The Archer C2 is designed to provide incredible wireless coverage and reliability, with full gigabit ports ensuring ultrafast data transfer speeds for your home network.



Figure 1: TP-Link Archer C2 AC750 Wireless Dual Band Gigabit Router. This image shows the top-down view of the black router with a textured surface and two upright antennas.

PACKAGE CONTENTS

Before you begin, please verify that your package contains the following items:

- 1 x TP-Link Archer C2 AC750 Wireless Dual Band Gigabit Router
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide
- 2 x Detachable External Antennas

Note: If any items are missing or damaged, please contact your retailer or TP-Link support.

SETUP

1. Hardware Connection

1. **Power Off:** Disconnect the power from your modem and router (if applicable).
2. **Connect Antennas:** Attach the two detachable external antennas to the corresponding connectors on the back of the router.
3. **Connect Modem:** Connect your modem's Ethernet cable to the blue WAN port on the Archer C2 router.
4. **Connect Devices (Optional):** For wired connections, connect your computer or other network devices to any of the yellow LAN ports (1-4) on the router using an Ethernet cable.
5. **Power On:** Connect the power adapter to the router's power port and plug it into a wall outlet. Press the Power On/Off button if present. Wait approximately one minute for the router to boot up.

2. Initial Configuration

1. **Connect to Router:**
 - **Wired:** Ensure your computer is connected to a LAN port on the router.
 - **Wireless:** Connect to the router's default Wi-Fi network (SSID) printed on the label at the bottom of the router. The default password will also be listed there.
2. **Access Web Management Page:** Open a web browser (e.g., Chrome, Firefox) and type `http://tplinkwifi.net` or `http://192.168.0.1` into the address bar. Press Enter.
3. **Login:** Enter `admin` for both the username and password (default). You will be prompted to change this for security.
4. **Run Quick Setup:** Follow the on-screen instructions of the Quick Setup wizard to configure your internet connection and wireless settings. This typically involves selecting your connection type (e.g., Dynamic IP, PPPoE) and setting up your Wi-Fi network name (SSID) and password.
5. **Save Settings:** After completing the wizard, save your settings. The router may restart.

OPERATING INSTRUCTIONS

Wireless Network Management

- **Changing Wi-Fi Name/Password:** Navigate to Wireless > Wireless Settings in the web management page. You can modify the SSID (network name) and password for both 2.4GHz and 5GHz bands.
- **Guest Network:** The Archer C2 supports guest networks. Go to Guest Network to enable and configure a separate Wi-Fi network for guests, providing internet access without sharing your main network resources.
- **WPS (Wi-Fi Protected Setup):** Use the WPS button on the router or the WPS settings in the web interface to quickly connect WPS-compatible devices without entering a password.

Advanced Features

- **Parental Controls:** Restrict internet access for specific devices or at certain times. Found under Parental Control.
- **Access Control:** Manage which devices can access your network.
- **USB Sharing:** The router features a USB port. You can connect a USB storage device (e.g., flash drive, external HDD) to share files across your network (Samba/FTP Server) or set up a media server. Access this under USB Settings.
- **Port Forwarding:** Configure port forwarding rules for specific applications or devices (e.g., gaming consoles, security cameras).

MAINTENANCE

- **Firmware Upgrade:** Regularly check the TP-Link website for firmware updates. Upgrading firmware can improve performance, add new features, and fix bugs. Download the latest firmware for your model and follow the instructions in the web management page under System Tools > Firmware Upgrade.
- **Backup & Restore Configuration:** It is recommended to back up your router's configuration settings before major changes or firmware upgrades. This can be done under System Tools > Backup & Restore.
- **Reboot:** If you experience network issues, a simple reboot can often resolve them. You can reboot the router from the web management page under System Tools > Reboot or by unplugging and replugging the power adapter.
- **Factory Reset:** If the router is not functioning correctly or you forget your login credentials, you can perform a factory reset. This will revert all settings to their default values.
 - **Method 1 (Button):** With the router powered on, press and hold the Reset button (usually a small pinhole button) on the back panel for about 10 seconds until all LEDs flash.
 - **Method 2 (Web Interface):** Go to System Tools > Factory Defaults in the web management page and click "Restore".
- **Cleaning:** Keep the router in a well-ventilated area. Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.

TROUBLESHOOTING

- **No Internet Access:**
 - Check all cable connections (modem to router WAN port, router to computer LAN port).
 - Ensure your modem is working correctly.
 - Reboot both the modem and the router.
 - Verify your WAN settings in the router's web management page match your ISP's requirements.
- **Cannot Access Web Management Page:**
 - Ensure your device is connected to the router (wired or wireless).
 - Verify 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.
 - Temporarily disable any firewall or antivirus software.
- **Poor Wireless Signal or Speed:**
 - Relocate the router to a central location, away from obstructions and interference sources (e.g., cordless phones, microwaves).
 - Adjust antenna orientation.
 - Check for Wi-Fi interference from neighboring networks and try changing your wireless channel.
 - Ensure your wireless adapter drivers are up to date.
- **Forgotten Wi-Fi Password or Login Password:**
 - Perform a factory reset (see Maintenance section) to revert to default settings, then reconfigure.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Name	Archer C2
Wireless Standard	802.11a, 802.11ac, 802.11ax, 802.11b, 802.11n <i>(Note: 802.11ax is typically not supported by AC750 models)</i>
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)
Ethernet Ports	1 x Gigabit WAN Port, 4 x Gigabit LAN Ports
Antennas	2 x Detachable External Antennas
Special Feature	WPS, USB Port for Storage/Media Server
Dimensions (L x W x H)	9.06 x 5.67 x 1.38 inches
Item Weight	9.5 ounces
Manufacturer	TP-Link

Note: Specifications are subject to change without notice. For the most up-to-date information, please visit the official TP-Link website.

WARRANTY INFORMATION

TP-Link products come with a limited warranty. The specific warranty period and terms vary by region and product type. Please refer to the warranty card included with your product or visit the official TP-Link website for detailed warranty information applicable to your purchase.

Typically, the warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by accident, abuse, misuse, natural disaster, or unauthorized modification.

SUPPORT

For technical support, firmware updates, and frequently asked questions, please visit the official TP-Link support website: www.tp-link.com/support/

You can also find contact information for TP-Link customer service in your region on their website.

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Name

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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

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