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> TP-Link Archer T4UH V2 AC1300 High Gain Wireless Dual Band USB Adapter User Manual

## TP-Link Archer T4UH V2

# TP-Link Archer T4UH V2 AC1300 High Gain Wireless Dual Band USB Adapter User Manual

Model: Archer T4UH V2

## 1. INTRODUCTION

This manual provides instructions for the installation, operation, maintenance, and troubleshooting of your TP-Link Archer T4UH V2 AC1300 High Gain Wireless Dual Band USB Adapter.

The Archer T4UH V2 is designed to provide high-speed wireless connectivity to your desktop or laptop computer, utilizing the 802.11ac Wi-Fi standard for faster speeds on both 2.4GHz and 5GHz bands.

## 2. PACKAGE CONTENTS

Verify that your package contains the following items:

- Wireless Adapter Archer T4UH
- Resource CD
- Quick Installation Guide
- USB Cable



Image: The package contents for the Archer T4UH V2, showing the adapter, USB cable, and installation CD.

### 3. PRODUCT OVERVIEW

The TP-Link Archer T4UH V2 is a high-gain wireless USB adapter designed for enhanced Wi-Fi reception and transmission. It features a USB 3.0 interface for fast data transfer and supports dual-band operation.

#### 3.1. Adapter Components





Image: The Archer T4UH V2 adapter with its antenna in an upright position, connected to its USB dock. The adapter is black with a blue indicator light.



Image: The Archer T4UH V2 adapter in its dock, with the antenna folded down. The TP-Link logo is visible on the dock.



Image: The Archer T4UH V2 adapter in its dock, viewed from the rear, showing the attached USB cable.

## 4. SETUP AND INSTALLATION

### 4.1. System Requirements

- Operating System: Windows (specific versions may vary, refer to resource CD or TP-Link website for latest driver compatibility)
- Available USB 3.0 or USB 2.0 port

### 4.2. Driver Installation

1. Insert the Resource CD into your computer's CD-ROM drive.
2. Follow the on-screen instructions to install the drivers and utility software. If the auto-run does not start, navigate to the CD drive and run the setup file manually.
3. Alternatively, download the latest drivers from the official TP-Link support website for your specific model (Archer T4UH V2).

## 4.3. Connecting the Adapter

1. Connect the Archer T4UH V2 USB adapter to an available USB port on your computer. For optimal performance, use a USB 3.0 port.
2. You may use the provided USB cable and dock for flexible placement and improved signal reception. Connect the adapter to the dock, then connect the dock's USB cable to your computer.

## 5. OPERATING THE ADAPTER

### 5.1. Connecting to a Wireless Network

1. After successful driver installation and adapter connection, the wireless utility will typically launch automatically or can be accessed from your system tray.
2. Scan for available wireless networks.
3. Select your desired network (SSID) and click "Connect".
4. Enter the network security key (password) if prompted.
5. The adapter will establish a connection to the wireless network.

### 5.2. Dual Band Operation

The Archer T4UH V2 supports both 2.4GHz and 5GHz wireless bands. The 5GHz band offers faster speeds and less interference, ideal for streaming and gaming, while the 2.4GHz band provides wider coverage.

You can select which band to connect to if your router broadcasts separate SSIDs for each band (e.g., "MyWiFi\_2.4GHz" and "MyWiFi\_5GHz").

### 5.3. WPS Functionality

The adapter supports Wi-Fi Protected Setup (WPS) for easy and secure wireless connection without entering a password.

1. Press the WPS button on your wireless router.
2. Within two minutes, press the WPS button on the Archer T4UH V2 adapter (if available, or activate WPS through the utility software).
3. The adapter will automatically connect to the network.

## 6. MAINTENANCE

### 6.1. Driver Updates

Regularly check the TP-Link official website for updated drivers to ensure optimal performance and compatibility with new operating system versions.

### 6.2. Cleaning

Clean the adapter and its dock with a soft, dry cloth. Avoid using liquid cleaners or solvents.

### 6.3. Storage

When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

## 7.1. No Wireless Connection

- **Check Driver Installation:** Ensure the drivers are correctly installed. Reinstall if necessary.
- **Verify Adapter Connection:** Make sure the adapter is securely plugged into a USB port. Try a different USB port.
- **Router Status:** Confirm your wireless router is powered on and broadcasting a signal.
- **Network Selection:** Ensure you are selecting the correct wireless network (SSID) and entering the correct password.

## 7.2. Slow Connection Speed

- **Signal Strength:** Check the signal strength. If it's low, try repositioning the adapter or using the USB dock for better placement.
- **Band Selection:** If your router supports 5GHz, try connecting to the 5GHz band for potentially faster speeds and less interference.
- **Interference:** Keep the adapter away from devices that may cause interference, such as microwaves or cordless phones.
- **Driver Updates:** Ensure you have the latest drivers installed from the TP-Link website.

## 7.3. Frequent Disconnections

- **Driver Issues:** Update or reinstall drivers. Some users report issues with Windows 10 default drivers; ensure you use TP-Link's official drivers.
- **Power Management:** In your computer's Device Manager, locate the adapter, go to its properties, and under "Power Management," uncheck "Allow the computer to turn off this device to save power."
- **Signal Stability:** Improve signal strength by repositioning the adapter.

## 8. SPECIFICATIONS

Feature	Detail
Model	Archer T4UH V2
Wireless Type	802.11ac, 802.11n, 802.11g, 802.11b
Data Transfer Rate	Up to 867 Mbps (5GHz), 400 Mbps (2.4GHz)
Hardware Interface	USB 3.0 (backward compatible with USB 2.0)
Antenna Type	High Gain External Antennas
Dimensions (LxWxH)	3.66 x 1.26 x 0.55 inches
Item Weight	0.64 ounces (approx. 18.14 grams)
Compatible Devices	Laptops, PCs
UPC	845973097332

## 9. WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included in your product package or visit the official TP-Link website. Warranty terms and conditions may vary by region.

## 10. TECHNICAL SUPPORT

For technical support, driver downloads, and further product information, please visit the official TP-Link support website:

[www.tp-link.com/support](http://www.tp-link.com/support)

You can also find contact information for customer service in your region on the support website.