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WIFI7 WS-AP72W

User Guide



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Thank you for choosing Westala WIFI7 Wall Plate AP. To achieve better experience, read this manual before using the WIFI7 Wall Plate AP.

1. Product Overview

The **WiFi 7 Panel AP** is a high-performance wireless access point supporting the latest **IEEE 802.11be (WiFi 7)** standard. It delivers ultra-fast speeds (up to **6.5 Gbps**), reduced latency, and enhanced multi-device connectivity for home and enterprise networks.

Key Features:

- **Two-band operation** (2.4GHz, 5GHz)
- **2×2 MU-MIMO & Multi-Link Operation (MLO)**
- **WPA3 encryption & OFDMA** for efficient traffic management
- **Seamless roaming** with 802.11k/v/r protocols
- **PoE+ powered** (802.3at compatible)
- **10 Gigabit SFP+ WAN port**

2. Main Technical Indexes

Operating temperature:	-5°C to 45°C
Relative humidity:	5% ~ 95%
Power supply:	With PoE: 48~54VDC 802.11at, 30W With DC: 48~54VDC, 30W
Size:	160mm x 86mm x 32mm
Weight:	About 320g

3. Installation Guide

3.1 Physical Setup

1. **Mounting:** Attach the AP to a wall or ceiling using the included bracket.
2. **Power Options:**
 - **PoE+:** Connect the Ethernet cable to a PoE+ switch (recommended).
 - **Power Adapter:** Plug the adapter into a power outlet if PoE is unavailable.

3.2 Network Configuration

1. **Initial Connection:**
 - Connect the AP to your router via Ethernet.
 - Wait for the **status LED** to turn solid green(indicating a successful connection).
2. **Web Interface Setup:**
 - Open a browser and enter <http://192.168.30.1> (default IP).
 - Log in with default credentials:
 - **Username:** admin
 - **Password:** admin
 - Follow the on-screen wizard to configure SSID, security, and band settings.

4. Product Introduction

1.1. Interface Description

Interface	Function	Remark
Reset Button	Reset key, long press for about 7 seconds to restore factory settings	Restoring the factory settings will clear all the parameters set by the user. Please operate with caution.
WAN Port	1 RJ-45 port 10/100/1000 auto-sensing, auto-MDX, 802.3at PoE 1 SFP+ optical port, support 1GE/10GE, LC Connector	The priority SFP+ port is WAN
LAN Port	4 RJ-45 port 10/100/1000 auto-sensing, auto-MDX, two supports 802.3at PSE(POE out)	Supports cascading and two PSE power supply
Pass through	1 RJ-45 in/out	Ethernet transparent transmission
LED Indicators	system	Two LED lights, one red and one green

1.2. Indicator

Indicator	Status	Description
FIT AP	Red light 3s	Disconnected to the AC
	Green light 3s	Connected to the AC
	Green 1s flash	During the upgrade process
	Green stays on	During the system boot process
FAT AP	Red stays on	WAN port link down
	Green light 3s	WAN port link up
	Green 1s flash	During the upgrade process
	Green stays on	During the system boot process

5. Troubleshooting

Issue	Solution

No power	Check PoE/Power adapter connection
Slow speeds	Verify 160/320MHz channel width
Intermittent connection	Update firmware or adjust channel selection

6. Package Contents

- 1× WiFi 7 Panel AP
- 1× Mounting bracket & 4× Expansion screws
- 1× Storage box & 4× screws
- 1× Phoenix plug
- 1× Optical Module
- 1× Warranty

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FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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- Consult the dealer or an experienced radio/TV technician for help.

Warning:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.