

WAP1750

Quick Installation Guide

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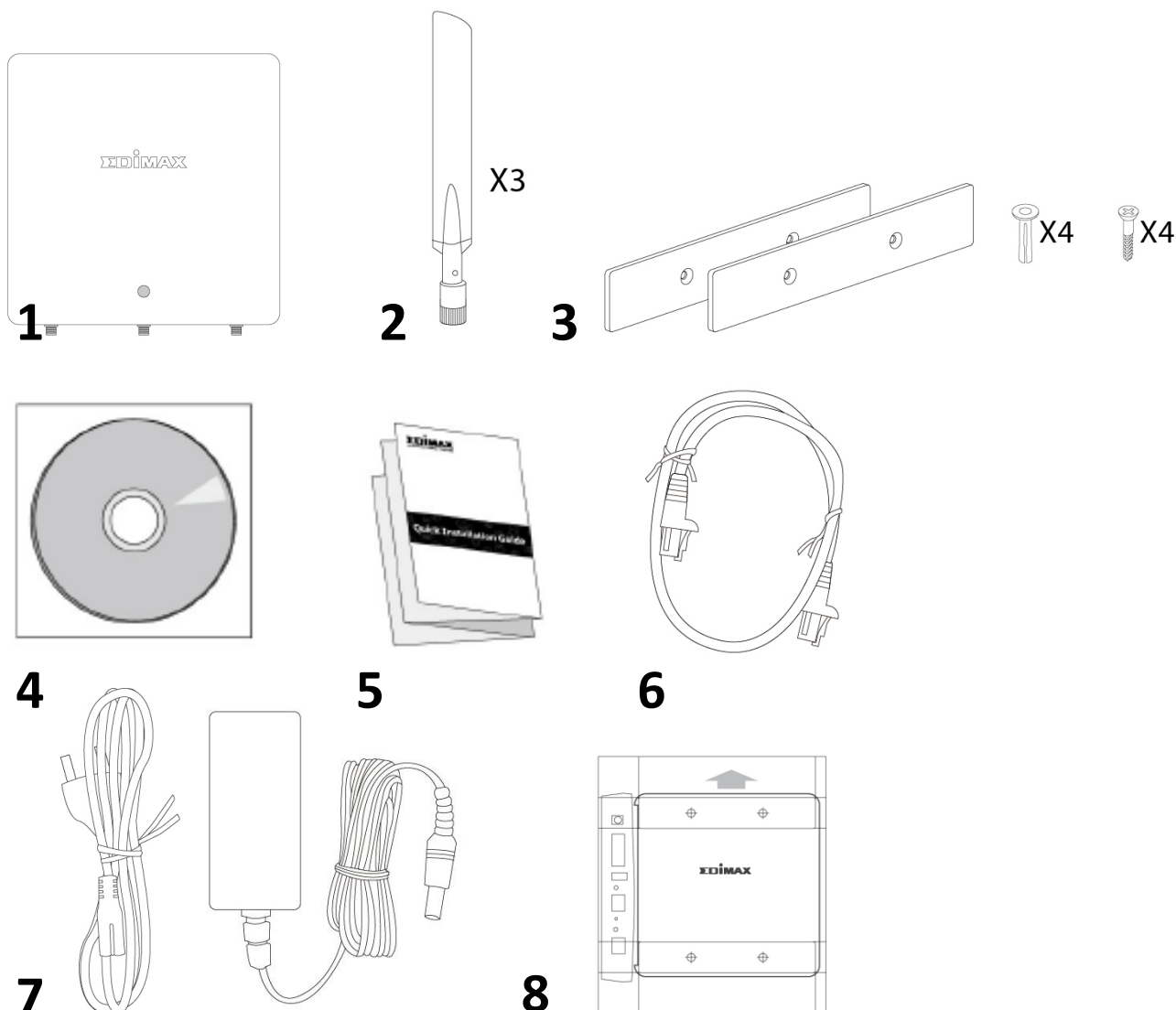
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I. Product Information

I-1. Package Contents



1. WAP1750 Access Point

2. Antennas x 3

3. Magnetic Wall Mount x 2
& Screws

4. CD

5. Quick Installation Guide

6. Ethernet Cable

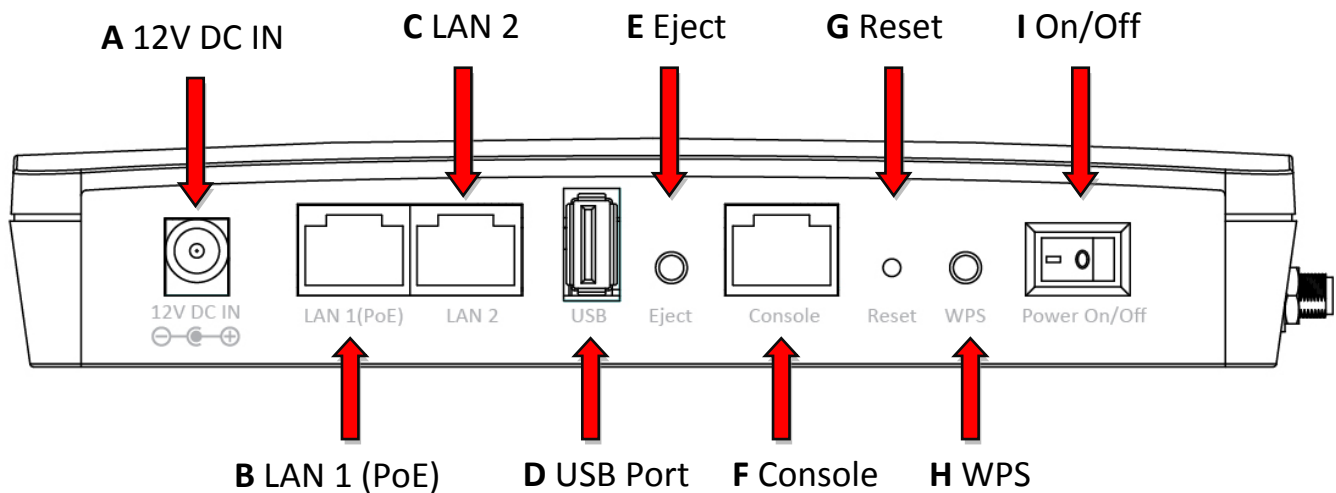
7. Power Adapter

8. Magnetic Wall Mount Screw
Template

I-2. System Requirements

- Existing cable/DSL modem & router
- Computer with web browser for access point configuration

I-3. Hardware Overview



- A.** 12V DC port to connect the power adapter
- B.** LAN port with Power over Ethernet (PoE) IN
- C.** LAN port **with Power over Ethernet (PoE) OUT**
- D.** USB Port for **system log**
- E.** Eject an attached USB device
- F.** Connect a management console
- G.** Reset the access point to factory default settings
- H.** Wi-Fi Protected Setup (WPS) button
- I.** Switch the access point on/off

I-4. LED Status

LED Status	Description
Off	The access point is off.
Blue	The access point is on.
Amber	The access point is starting up.
Flashing Amber	The access point cannot establish a connection to the network.
Flashing Amber and Blue	The access point experienced a problem starting up. The access point will restart.

I-5. Reset

If you experience problems with your access point, you can reset the device back to its factory settings. This resets **all** settings back to default.

1. Press and hold the reset button on the access point for at least 10 seconds. Release the button when the LED is **flashing amber**.



You may need to use a pencil or similar sharp object to push the reset button.

2. Wait for the access point to restart. The access point is ready for setup when the LED is **blue**.

II. Quick Setup

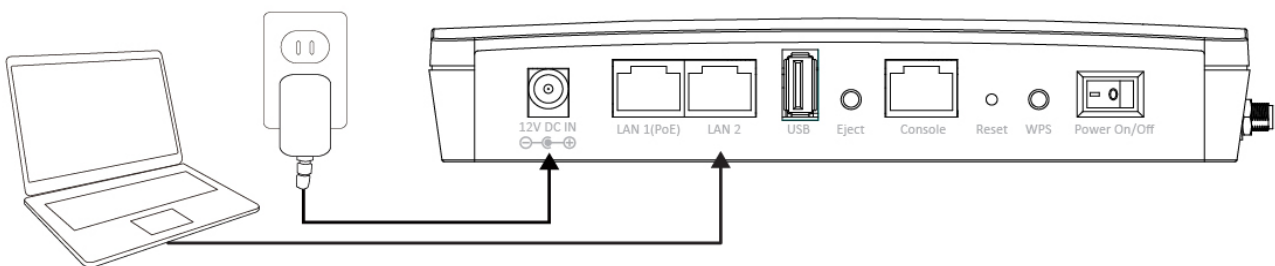
The WAP1750 Long Range 802.11ac Dual-Band Wall Mount Access Point features a range of powerful functions:

- IEC 60601-1-2 Medical EMC Certification
- 802.11ac Dual-band high speed wireless technology
- 32 SSIDs for Management
- PD/PSE to power an additional devices
- SNMP v1/v2c/v3
- Built-in beeper to find your device

Your access point can be up and running in just a few minutes. This quick installation guide will help to set up your access point and configure its basic settings. Please follow the instructions in the chapters below:

II-1. Initial Setup

1. Connect the access point to a computer via Ethernet cable.
2. Connect the power adapter to the access point's 12V DC port and plug the power adapter into a power supply.



3. Please wait a moment for the access point to start up. The access point is ready when the LED is **blue**.
4. Set your computer's IP address to **192.168.2.x** where **x** is a number in the range **3 – 100**. If you are unsure how to do this, please refer to the user manual for more information.

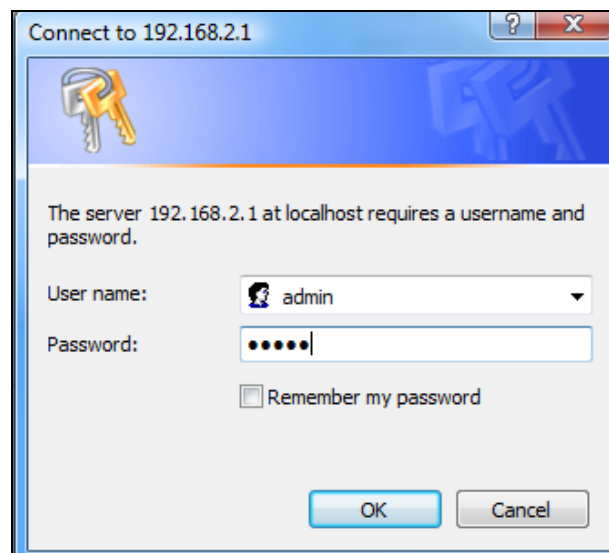


Please ensure there are no other active network connections on your computer (disconnect Wi-Fi connections and Ethernet cables).

5. Enter the access point's default IP address **192.168.2.2** into the URL bar of a web browser.



6. You will be prompted for a username and password. Enter the default username "admin" and the default password "1234".



7. You will arrive at the "System Information" screen shown below.

The screenshot shows the EDIMAX Pro WAP1750 web interface. The top navigation bar includes 'Home', 'Logout', and a language dropdown set to 'Global (English)'. Below this is a secondary navigation bar with tabs: 'Information' (selected), 'Network Settings', 'Wireless Settings', 'Management', and 'Advanced'. The left sidebar under 'Information' lists 'System Information' (selected), 'Wireless Clients', 'Wireless Monitor', and 'Log'. The main content area is divided into three sections:

- System Information:** A table showing system details.

Model	WAP1750
Product Name	AP00AABB224466
Uptime	0 day 02:26:31
Boot from	Internal memory
Version	0.2.4
MAC Address	00-AA-BB-22-44-66
Management VLAN ID	1
IP Address	192.168.2.1 Refresh
Default Gateway	---
DNS	---
DHCP Server	---
- Wired LAN Port Settings:** A table showing the status of two LAN ports.

Wired LAN Port	Status	VLAN Mode/ID
Wired Port (#1)	Disconnected (---)	Untagged Port / 1
Wired Port (#2)	Disconnected (---)	Untagged Port / 1
- Wireless 2.4GHz:** A table showing wireless settings.

Status	Enabled
MAC Address	00-AA-BB-22-44-66
Channel	Ch 1 + 5 (Auto)
Transmit Power	100%

8. Next, please follow the instructions below in **II-2. Basic Settings** to configure the access point's basic settings.

II-2. Basic Settings

The instructions below will help you to configure the following basic settings of the access point:

- **LAN IP Address**
- **2.4GHz & 5GHz SSID & Security**
- **Administrator Name & Password**
- **Time & Date**



It is recommended you configure these settings before using the access point.

1. To change the access point's LAN IP address, go to **"Network Settings" > "LAN-side IP Address"** and you will see the screen below.

LAN-side IP Address	
IP Address Assignment	DHCP Client ▼
IP Address	192.168.2.1
Subnet Mask	255.255.255.0
Default Gateway	From DHCP ▼

DNS Servers	
Primary Address	From DHCP ▼
Secondary Address	From DHCP ▼

2. Enter the IP address settings you wish to use for your access point. You can use a dynamic (DHCP) or static IP address, depending on your network environment. Click “Apply” to save the changes and wait a few moments for the access point to reload.



When you change your access point’s IP address, you need to use the new IP address to access the browser based configuration interface instead of the default IP 192.168.2.2.

3. To change the SSID of your access point’s 2.4GHz wireless network(s), go to “Wireless Setting” > “2.4GHz 11bgn” > “Basic”. Enter the new SSID for your 2.4GHz wireless network in the “SSID1” field and click “Apply”.



To utilize multiple 2.4GHz SSIDs, open the drop down menu labelled “Enable SSID number” and select how many SSIDs you require. Then enter a new SSID in the corresponding numbered fields below, before clicking “Apply”.

2.4 GHz Basic Settings	
Wireless	☒ Enable ☐ Disable
Band	11b/g/n
Enable SSID number	1
SSID1	WAP1750-224466_G VLAN ID 1
Auto Channel	☒ Enable ☐ Disable
Auto Channel Range	Ch 1 - 11
Auto Channel Interval	One day ☐ Change channel even if clients are connected
Channel Bandwidth	Auto
BSS BasicRateSet	1,2,5.5,11 Mbps

- To configure the security of your access point's 2.4GHz wireless network(s), go to **"Wireless Setting" > "2.4GHz 11bgn" > "Security"**. Select an "Authentication Method" and enter a "Pre-shared Key" or "Encryption Key" depending on your choice, then click "Apply".



If using multiple SSIDs, specify which SSID to configure using the "SSID" drop down menu.

2.4GHz Wireless Security Settings	
SSID	WAP1750-224466_G
Broadcast SSID	Enable
Wireless Client Isolation	Disable
Load Balancing	50 /50
Authentication Method	No Authentication
Additional Authentication	No additional authentication

- Go to **"Wireless Setting" > "5GHz 11ac 11an"** and repeat steps 3 & 4 for the access point's 5GHz wireless network.
- To change the administrator name and password for the browser based configuration interface, go to **"Management" > "Admin"**.

Account to Manage This product	
Administrator Name	admin
Administrator Password	••••• (6-32characters) ••••• (Confirm)

7. Complete the “Administrator Name” and “Administrator Password” fields and click “Apply”.
8. To set the correct time for your access point, go to “**Management**” > “**Date and Time**”.

Date and Time Settings	
Local Time	2012 ▼ Year Jan ▼ Month 1 ▼ Day
	0 ▼ Hours 00 ▼ Minutes 00 ▼ Seconds
Acquire Current Time from Your PC	
NTP Time Server	
Use NTP	☐ Enable
Server Name	
Update Interval	24 hours
Time Zone	
Time Zone	(GMT) Greenwich Mean Time: Dublin, Edinburgh, Lisbon, London ▼

9. Set the correct time and time zone for your access point using the drop down menus. The access point also supports NTP (Network Time Protocol) so alternatively you can enter the host name or IP address of a time server. Click “Apply” when you are finished.



You can use the “Acquire Current Time from your PC” button if you wish to set the access point to the same time as your PC.

- 10.** The basic settings of your access point are now configured. Please refer to **III. Hardware Installation** for guidance on connecting your access point to a router or PoE switch.

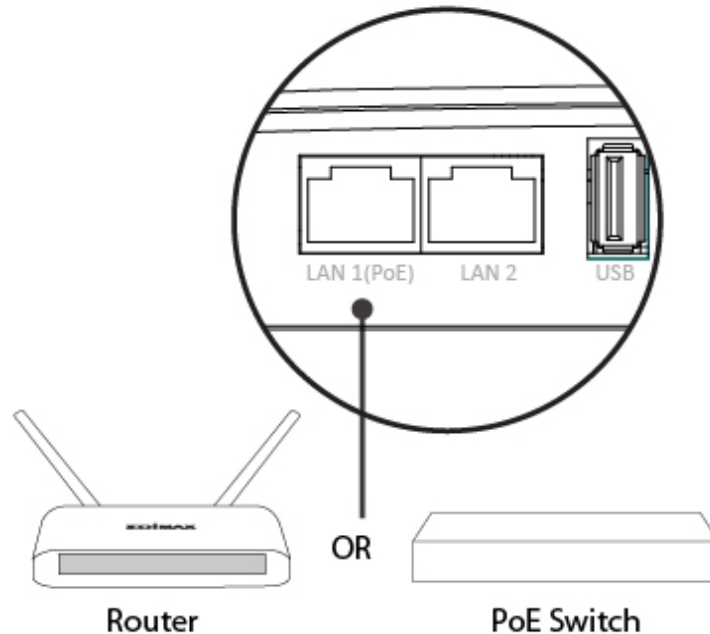
II-3. Wi-Fi Protected Setup (WPS)

Wi-Fi Protected Setup is a simple way to establish connections between WPS compatible devices. You can use the WPS button to establish a connection between the access point and a WPS-compatible wireless device/client.

- 1.** Press and hold the WPS/Reset button on the front of the access point for 2 seconds.
- 2.** Within two minutes, activate WPS on your WPS-compatible wireless device. Please check the documentation for your wireless device for information regarding its WPS function.
- 3.** The devices will establish a connection.

III. Hardware Installation

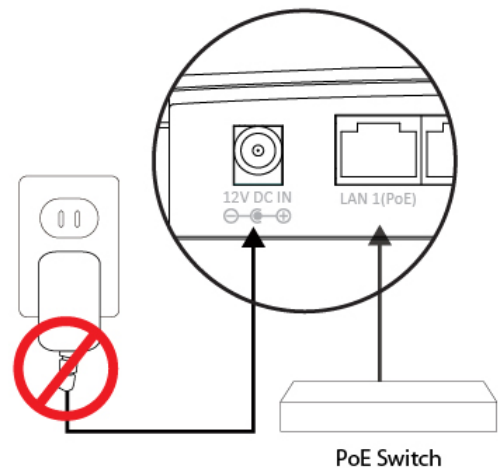
1. Connect a router or PoE switch to the access point's **LAN 1** port using an Ethernet cable. PoE switches **must** be connected to the access point's **LAN 1** port.



2. If you are using a router, then connect the power adapter to the access point's 12V DC port and plug the power adapter into a power supply.
3. If you are using a PoE (Power over Ethernet) switch then it is not necessary to use the included power adapter, the access point will be powered by the PoE switch.



Do not use the power adapter if you are using a PoE switch.



4. Connect a local network client or switch to the access point's **LAN 2** port as required.



The access point's LAN 2 port can support PoE clients.

IV. Browser Based Configuration Interface

The browser-based configuration interface enables you to configure the access point's advanced features. The WAP-1750 features a range of advanced functions such as MAC filtering, MAC RADIUS authentication, VLAN configurations, up to 32 SSIDs and many more. To access the browser based configuration interface:

1. Connect a computer to your access point using an Ethernet cable.
2. Enter your access point's IP address in the URL bar of a web browser. The access point's default IP address is **192.168.2.2**.
3. You will be prompted for a username and password. The default username is "admin" and the default password is "1234", though it was recommended that you change the password during setup (see **II-2. Basic Settings**).



If you cannot remember your password, reset the access point back to its factory default settings. Refer to I-5. Reset

4. You will arrive at the "System Information" screen shown below.

The screenshot shows the EDIMAX web-based configuration interface. At the top, there is a navigation bar with "Home | Logout" and a language dropdown set to "Global (English)". Below this is a main menu with "System Setup", "Wireless Setting", and "Toolbox". The "System Setup" menu is expanded, showing "Status", "LAN Settings", and "System Log". The "Status" page is active, displaying system information. A message states: "You can use the Status page to monitor the system uptime and firmware and hardware version numbers." Below this, a table lists system details:

Model :	7479WAC
Uptime :	0 days 19:06:42
Firmware Version :	0.1.1
Hardware Version :	Rev. A
Serial Number :	000000000
Boot Code Version :	0
Runtime Code Version :	0.1.1
LAN IP Address :	192.168.11.100
LAN Subnet Mask :	255.255.255.0
LAN Default Gateway :	0.0.0.0
LAN MAC Address :	00:88:88:16:88:02
DNS #1 :	0.0.0.0
DNS #2 :	0.0.0.0

5. Use the menu across the top and down the left side to navigate.

EDIMAX Pro

Home | Logout | Global (English)

WAP1750 Information Network Settings **Wireless Settings** Management Advanced

Wireless Settings

- > 2.4GHz 11bgn
 - Basic**
 - Advanced
 - Security
 - WDS
- > 5GHz 11ac 11an
 - Basic
 - Advanced
 - Security
 - WDS
- > WPS
- > RADIUS
 - Radius Settings
 - Internal Server
 - Radius Accounts
- > MAC Filter
- > WMM

Apply Cancel

- Click “Apply” to save changes and reload the access point, or “Cancel” to cancel changes.



Please wait a few seconds for the access point to reload after you “Apply” changes, as shown below.

Configuration is complete. Reloading now... Please wait for seconds.

- Please refer to the user manual for full descriptions of the browser based configuration interface features.

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	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

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 this equipment.

FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.

RED Compliance Statement

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

Frequency range (MHz)	Max. transmit power (dBm)
2400-2483.5	19.90 dBm
5150-5250	22.77 dBm
5250-5350	19.96 dBm
5470-5725	26.96 dBm

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **11ac Dual Band Concurrent Wall-mount AP** is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: <http://www.edimax.com/edimax/global/>

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use

None

EU Declaration of Conformity

- English:** This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU, 2014/35/EU.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE, 2014/35/UE.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2014/53/EU, 2014/35/EU.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2014/53/EU, 2014/35/EU).
- Türkçe:** Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU.
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- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2014/53/EU, 2014/35/EU.
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- suomen kieli:** Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN **AT BE CY CZ DK EE FI FR DE GR HU**
IE IT LV LT LU MT NL PL PT SK SI ES SE
GB IS LI NO CH BG RO RU TR UA



WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European Radio Equipment directives.

Equipment: 11ac Dual Band Concurrent Wall-mount AP
Model No.: WAP1750

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum : EN 300 328 V2.1.1 (2016-11)
EN 301 893 V2.1.1 (2017-05)
EMC : Draft EN 301 489-1 V2.2.0 (2017-03)
EN 301 489-17 V3.2.0 (2017-03)
EMF : EN 62311:2008
Safety (LVD) : IEC 62368-1:2014 (2nd Edition) and/or EN 62368-1:2014+A11:2017

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Title: Director
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Neihu Dist., Taipei City,
Taiwan



Date of Signature: Nov., 2020

Signature:

A handwritten signature in black ink, appearing to read 'Albert Chang'.

Printed Name:

Albert Chang

Title:

Director

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