

## BR-6478AC V3

# Guía de instalación

12-2018 / v1.0

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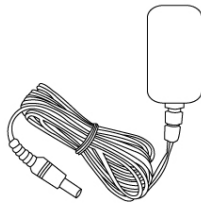
# Contenido del paquete

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Antes de empezar a utilizar este producto, compruebe si falta algún elemento del paquete y, en su caso, póngase en contacto con su vendedor para reclamar la(s) pieza(s) que falte(n):



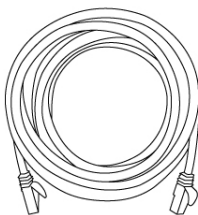
**BR-6478AC V3**



**Adaptador de**



**CD-ROM**



**Cable de**

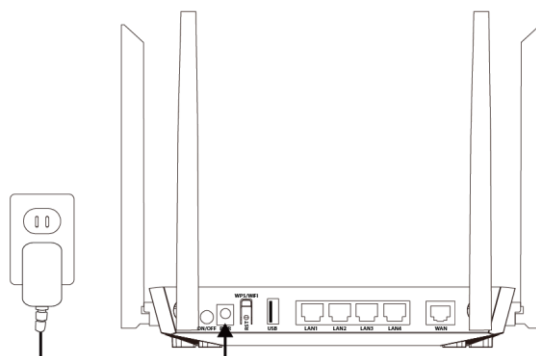


**Guía de instalación**

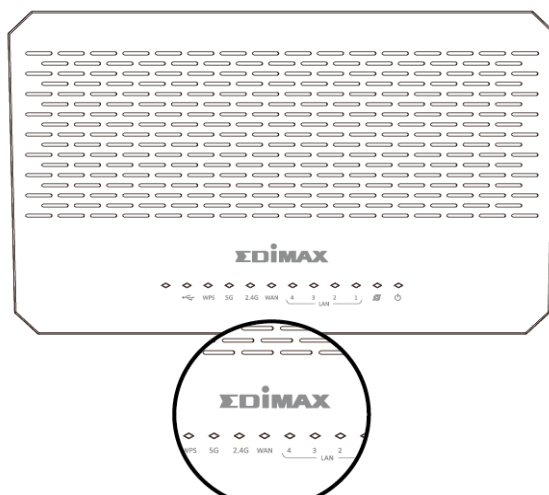
## Introducción





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- 1.** Enchufe el adaptador de corriente suministrado en dotación en el puerto de alimentación de CC del dispositivo, y el otro extremo en una toma de corriente.



- 2.** Enchufe el cable Ethernet en el puerto WAN del dispositivo y el otro extremo en un módem. Asegúrese de que los cinco ledes (alimentación, internet, wifi de 2,4 GHz y 5 GHz y USB) están encendidas.



Led	Color	Estado del LED	Descripción
<b>Alimentación</b> 	Verde	Encendido	El dispositivo está encendido.
		Apagado	El dispositivo está apagado.
<b>Internet</b> 	Verde	Encendido	La conexión a Internet está lista.
		Parpadeante	Restableciendo el estado predefinido de fábrica o cable Ethernet no conectado o no hay conexión a Internet.
<b>Wifi de 2,4 G</b> 	Verde	Encendido	Actividad inalámbrica del wifi de 2,4 GHz. (Transmitiendo/recibiendo datos).
		Parpadeante	El WPS de 2,4 GHz está activado.
		Apagado	El wifi de 2,4 GHz no está activado.
<b>Wifi de 5 G</b> 	Verde	Encendido	Actividad inalámbrica del wifi de 5GHz. (Transmitiendo/recibiendo datos).
		Parpadeante	El WPS de 5GHz está activado.
		Apagado	El wifi de 5GHz no está activado.
<b>USB</b>	Verde	Encendido	La conexión USB está lista.
		Parpadeante	Se está identificando un nuevo dispositivo USB.
		Apagado	USB no activado.
<b>WPS</b>	Verde	Encendido	Negociación en curso mediante la configuración protegida del wifi.
		Apagado	WPS deshabilitado o conectado.
<b>LAN 1-4</b>	Verde	Encendido	Puerto Ethernet conectado a un dispositivo de red.
		Apagado	El puerto Ethernet no está conectado a un dispositivo de



Si el indicador muestra actividad anormal, compruebe la conexión.

# Instalación

Utilice un dispositivo wifi (p. ej. un ordenador, tableta o teléfono inteligente) para buscar una red wifi con el SSID “edimax\_2.4G\_xx o edimax\_5G\_xx” y conéctese.

Una vez finalizada la instalación, puede acceder a la interfaz de configuración del navegador para configurar o modificar la configuración del BR-6478AC V3. Para acceder a la interfaz de configuración basada en navegador, escriba **http:// 192.168.2.1** en la barra de direcciones (URL) del navegador web en un dispositivo de red que esté conectado al BR-6478AC V3.



**Si no puede acceder a 192.168.2.1, conecte el BR-6478AC V3 a un ordenador usando un cable Ethernet y vuelva a intentarlo.**

Se le pedirá que indique un nombre de usuario y una contraseña. El nombre de usuario predefinido es “admin” y la contraseña predefinida es “1234”.

Llegará a la pantalla de "Inicio" que se muestra abajo. Haga clic en “X” para iniciar el asistente de configuración.

IPv4				IPv6	
MAC Address	Connection Type	Network Status	Connection Uptime		
00:e0:4c:19:6d:6f		Disconnected			
IP Address	Default Gateway	Primary DNS Server	Secondary DNS Server		
Not Available	Not Available	Not Available	Not Available		

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## 1. Aparece el asistente de configuración que se muestra a continuación.

Setup Wizard

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

The Wizard will guide you the through following steps. Begin by clicking on Next.

1. Setup Operation Mode
2. Choose your Time Zone
3. Setup LAN Interface
4. Setup WAN Interface
5. Select Wireless Band
6. Wireless LAN Setting
7. Wireless Security Setting

Next>>

Cancel <<Back Next>>

## 2. Haga clic en **Siguiente** para configurar el modo de operación del enrutador.

Operation Mode

You can setup different modes to LAN and WLAN interface for NAT and bridging function.

Router : ☒ In this mode, the device is supposed to connect to internet via ADSL/Cable Modem. The NAT is enabled and PCs in LAN ports share the same IP to ISP through WAN port. The connection type can be setup in WAN page by using PPPoE, DHCP client, PPTP client, L2TP client or static IP.

Bridge mode: ☐ In this mode, all ethernet ports and wireless interface are bridged together and NAT function is disabled. All the WAN related function and firewall are not supported.

WISP Mode: ☐ In this mode, device is used to connect to wireless clients(wireless adapter cards) such as laptops, desktops, and PDAs. Wireless clients can only communicate to AP's in Access Point Mode. Sets this mode in Bridge mode to bind all LAN, WAN interface, set the WLAN setting, then get Internet connection on one of Ethernet ports and pass it through other Ethernet ports and WLAN interfaces.

WAN Interface: 5G

Cancel <<Back Next>>

## 3. Haga clic en **Siguiente** para configurar la zona horaria.

Time Zone Setting

You can maintain the system time by synchronizing with a public time server over the Internet.

Enable NTP client update: ☒

Automatically Adjust Daylight Saving: ☐

Time Zone Select : (GMT+08:00)Taipei

NTP server : 131.188.3.220 - Europe

Cancel <<Back Next>>

- 4.** Haga clic en **Siguiente** para configurar la interfaz LAN. Esta página se utiliza para configurar los **parámetros de la red de área local que se conecta al puerto LAN de su punto de acceso**. Aquí puede cambiar la configuración de la dirección IP, la máscara de subred, el DHCP, etc.

The screenshot shows the 'LAN Interface Setup' page. At the top, it says 'LAN Interface Setup' and provides a description: 'This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP addresss, subnet mask, DHCP, etc.' Below this, there are two input fields: 'IP Address:' with the value '192.168.2.1' and 'Subnet Mask:' with the value '255.255.255.0'. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

- 5.** Haga clic en **Siguiente** para configurar la interfaz WAN. Esta página se utiliza para configurar los parámetros de la red de internet que se conecta al puerto WAN de su punto de acceso. Aquí puede cambiar el método de acceso a la IP estática, el DHCP, el PPPoE haciendo clic en el valor del elemento del tipo de acceso WAN.

The screenshot shows the 'WAN Interface Setup' page. At the top, it says 'WAN Interface Setup' and provides a description: 'This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE by click the item value of WAN Access type.' Below this, there is a dropdown menu labeled 'WAN Access Type:' with the current selection 'DHCP Client'. The dropdown menu is open, showing the following options: 'Static IP', 'DHCP Client', and 'PPPoE'. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

- 6.** Haga clic en **Siguiente** y aparecerá la página siguiente. Normalmente, la selección predeterminada es correcta.

The screenshot shows the 'Select Wireless Band' page. At the top, it says 'Select Wireless Band' and provides a description: 'You can select Wireless Band'. Below this, there is a dropdown menu labeled 'Wireless Band:' with the current selection '2.4G+5G Concurrent'. At the bottom, there are three buttons: 'Cancel', '<<Back', and 'Next>>'.

## 7. Haga clic en **Siguiente** y configure los parámetros de red inalámbrica de 5 GHz.

Wireless 5GHz Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

---

Band: 5 GHz (A+N+AC) ▼

Mode: AP ▼

Network Type: Infrastructure ▼

SSID: edimax\_5G\_c1

Channel Width: 80MHz ▼

ControlSideband: Lower ▼

Channel Number: Auto ▼

Enable Mac Clone (Single Ethernet Client): ☐

Add to Profile: ☐

Cancel <<Back Next>>

## 8. Haga clic en **Siguiente** y configure la seguridad inalámbrica de 5 GHz. Debe ser de al menos 8 caracteres.

Wireless 5GHz Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

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Encryption: WPA Mixed ▼

Pre-Shared Key Format: Passphrase ▼

Pre-Shared Key:

Cancel <<Back Next

## 9. Haga clic en **Siguiente** y configure los parámetros de red inalámbrica de 2,4 GHz.

Wireless 2.4GHz Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

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Band: 2.4 GHz (B+G+N) ▼

Mode: AP ▼

Network Type: Infrastructure ▼

SSID: edimax\_2.4G\_c1

Channel Width: 40MHz ▼

ControlSideband: Upper ▼

Channel Number: Auto ▼

Enable Mac Clone (Single Ethernet Client): ☐

Add to Profile: ☐

Cancel <<Back Next>>

**10.** Haga clic en **Siguiente** y configure la seguridad inalámbrica de 2,4 GHz. Debe ser de al menos 8 caracteres. A continuación, haga clic en Finalizar.



Wireless 2.4GHz Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

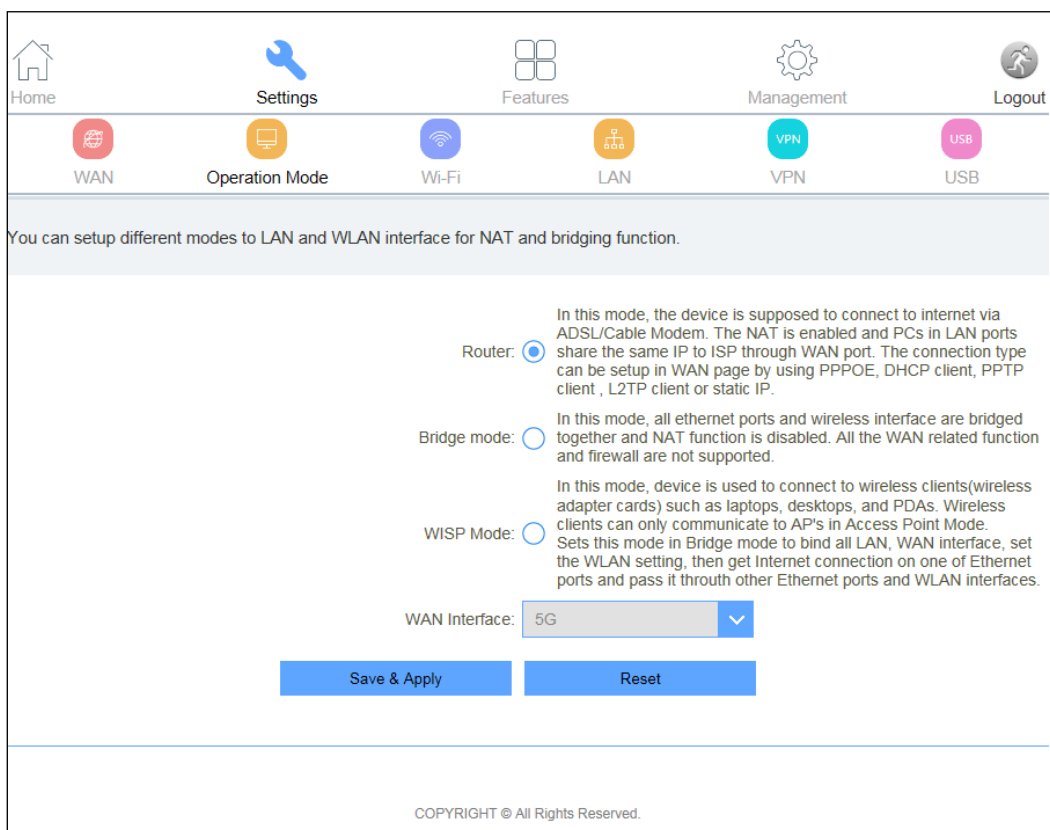
Encryption: WPA Mixed

Pre-Shared Key Format: Passphrase

Pre-Shared Key: [input field]

Buttons: Cancel, <<Back, Finished, Cancel, <<Back, Next>>

Una vez que haya completado la configuración inicial, utilice el menú superior para navegar y haga clic en “Configuración” para seleccionar uno de los tres modos de operación (enrutador wifi, punto de acceso o puente wifi) si desea cambiar a un modo de operación distinto. Para más información, véase el manual de usuario.



Home Settings Features Management Logout

WAN Operation Mode Wi-Fi LAN VPN USB

You can setup different modes to LAN and WLAN interface for NAT and bridging function.

Router: ☒ In this mode, the device is supposed to connect to internet via ADSL/Cable Modem. The NAT is enabled and PCs in LAN ports share the same IP to ISP through WAN port. The connection type can be setup in WAN page by using PPPOE, DHCP client, PPTP client, L2TP client or static IP.

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WAN Interface: 5G

Buttons: Save & Apply, Reset

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**Para la instalación en un teléfono inteligente o tableta se requiere iOS 4 o Android 4 o superiores.**


Siga las instrucciones que aparecen en la pantalla para finalizar la instalación. Para obtener más información y saber cómo configurar BR-6478AC V3 en otros modos de operación, consulte el manual de usuario.

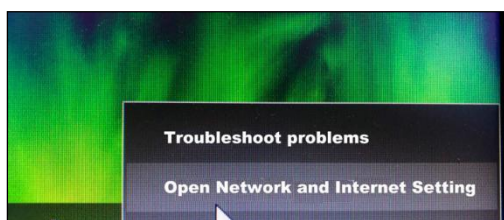


# Resolución de problemas

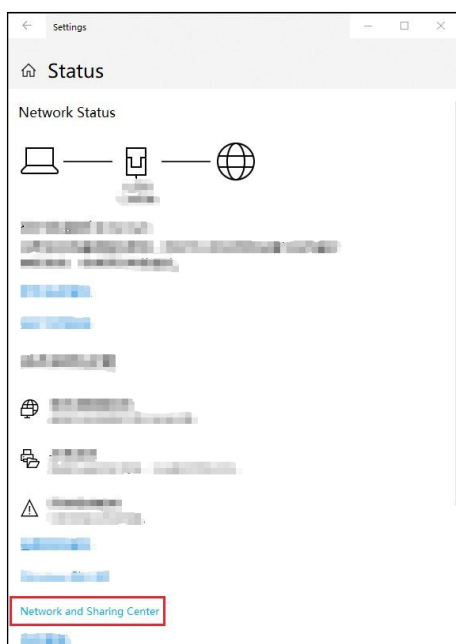
## 1. ¿Cómo configurar en su ordenador el protocolo TCP/IP en el modo de obtención automática de una dirección IP?

a. Un ordenador instalado con un adaptador de red con cable se utiliza aquí como ejemplo para describir los pasos en **Win 10** y en pasos similares para otros sistemas.

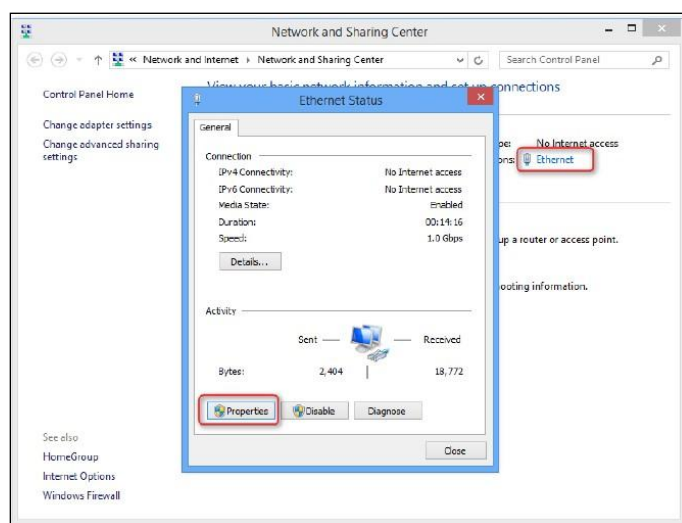
Paso 1. Haga clic con el botón derecho del ratón en el botón  de la esquina inferior derecha del escritorio y elija **Abrir redes y configuración de internet**.



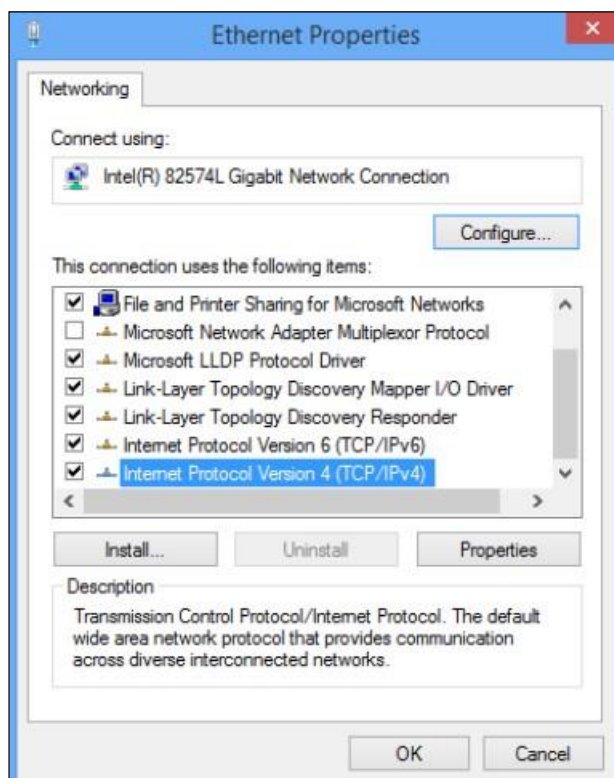
Paso 2. Haga clic en **Redes y centro compartido**.



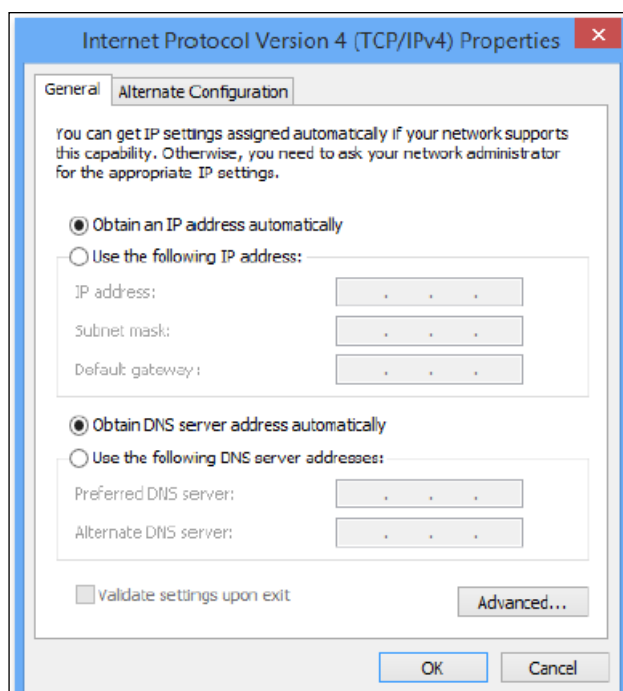
Paso 3. Haga clic en **Ethernet y Propiedades**.



Paso 4. Haga doble clic en **Protocolo de Internet Versión 4 (TCP/IPv4)**.



Paso 5. Seleccione **Obtener dirección IP automáticamente** y **Obtener dirección del servidor DNS automáticamente**, y haga clic en **Aceptar**.



Paso 6. Volverá al menú de propiedades de Ethernet. Haga clic en **Aceptar**.

## **2. No puedo abrir la interfaz de configuración basada en el navegador.**

- a. Asegúrese de que la conexión del(los) puerto(s) WAN y LAN sea correcta.
- b. Asegúrese de que su cable Ethernet con conectividad de internet esté conectado al puerto WAN del enrutador, y no a un puerto LAN.
- c. Asegúrese de que su dispositivo inalámbrico esté conectado al(los) puerto(s) LAN del enrutador.
- d. Asegúrese de introducir la dirección IP correcta (192.168.2.1) para iniciar sesión.
- e. Asegúrese de que la dirección IP de su ordenador esté configurada para obtener una dirección IP automáticamente y obtener una dirección de servidor DNS automáticamente.
- f. Utilice otro navegador web para volver a iniciar sesión.
- g. Restablezca en enrutador a la configuración de fábrica y vuelva a intentarlo.

## **3. ¿Cómo restablezco la configuración predeterminada de fábrica de mi dispositivo?**

- a. Para reiniciar el dispositivo con los parámetros de fábrica, pulse y mantenga pulsado el botón WPS/Restablecer durante 10 segundos, hasta que el LED de alimentación empiece a parpadear. Espere unos minutos hasta que el producto se reinicie. Cuando el dispositivo se reinicia, se restablecen todos los parámetros.

## **4. Me olvidé de la contraseña.**

- a. Reinicie el enrutador con los parámetros predeterminados de fábrica y utilice el nombre de usuario predeterminado **admin** y la contraseña predeterminada **1234**. Los parámetros predeterminados se muestran en la etiqueta de producto que se encuentra en la parte posterior del dispositivo, como se muestra a arriba.

## **5. Si aparece un mensaje de conflicto de dirección IP después de que el ordenador se haya conectado al enrutador, ¿qué debo hacer?**

- a. Asegúrese de que no haya otro servidor DHCP en su LAN o de que el otro servidor DHCP esté deshabilitado.
- b. Asegúrese de que la dirección IP de su enrutador no sea utilizado por otro dispositivo de su LAN. La dirección IP predeterminada del enrutador es 192.168.2.1.
- c. Asegúrese de que la dirección estática asignada al ordenador en su LAN no esté siendo utilizada por otros dispositivos.

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## 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 and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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 authority to operate equipment.

### Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

### Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### 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)
2412-2472	17.87 dBm
5150-5240	21.09 dBm

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

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **AC1200 Wireless Router** 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.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, 2014/35/EU.
- 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.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/53/EU, 2014/35/EU.
- 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**



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## 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:** AC1200 Wireless router

**Model No.:** BR-6478AC V3

The following European standards for essential requirements have been followed:

### Directives 2014/53/EU

Spectrum : EN 300 328 V2.1.1:2016  
EN 301 893 V2.1.1:2017  
EMC : EN 301 489-1 V2.2.0:2017  
EN 301 489-17 V3.2.0:2017  
EMF : EN 62311:2008

### Directives 2014/35/EU

Safety (LVD) : IEC 60950-1:2005 (2<sup>nd</sup> Edition)+Am 1:2009+Am 2:2013  
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

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Date of Signature: Nov., 2018

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