

## BR-6478AC V2

# Quick Installation Guide

05-2021 / v2.2

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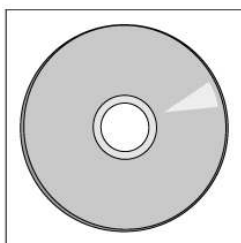
# ***Package Contents***

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Before you start using this product, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):



***BR-6478AC V2***



***CD-ROM***



***Ethernet Cable***



***Quick Installation Guide***

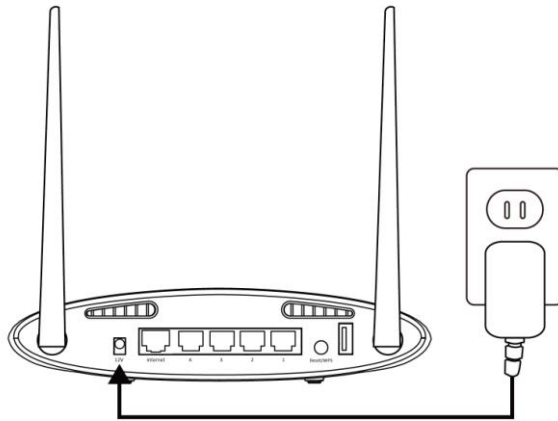


***Power Adapter***

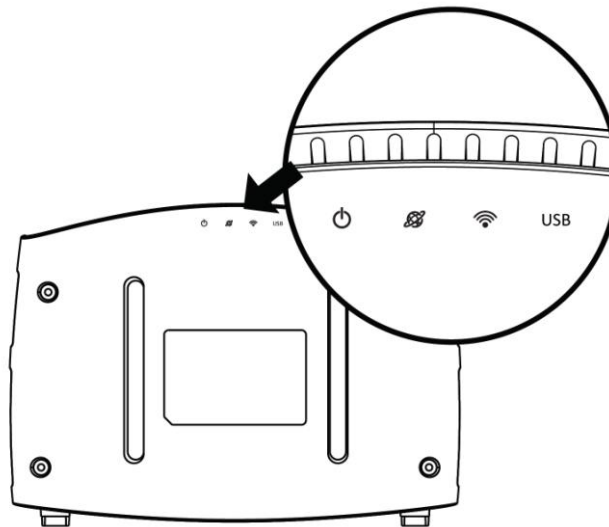
# Installation

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1. Plug the included power adapter into the device's 12V DC power port and the other end into an electrical socket.



2. Check that the power LED displays on.



3. Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID "edimax.setup" or "edimax.setup5G" and connect to it.



***iOS 4 or Android 4 and above are required for setup on a smartphone or tablet.***

4. Open a web browser and if you do not automatically arrive at the “Get Started” screen shown below, enter the URL ***http://edimax.setup*** and click “Get Started” to begin the setup process.



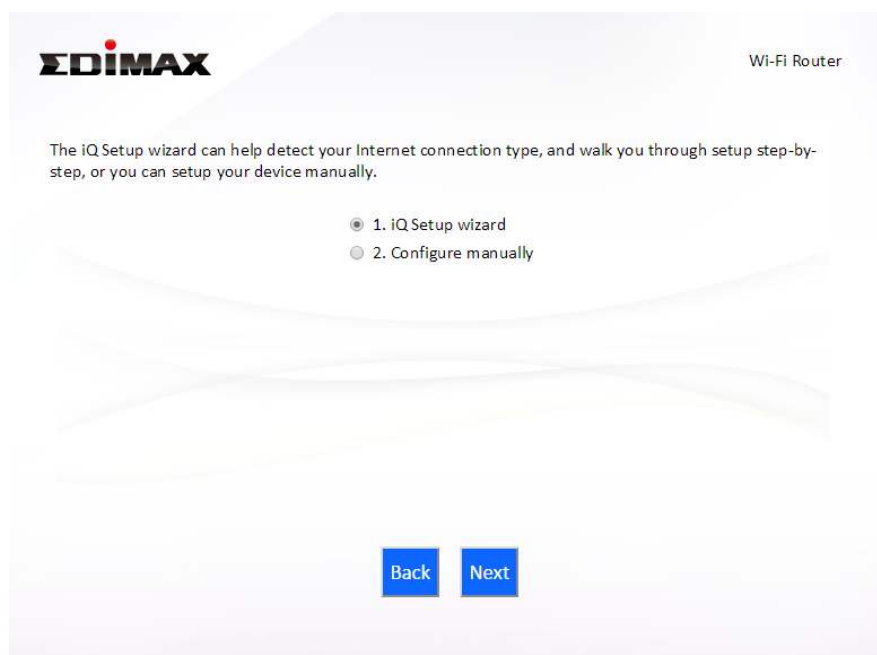
***If you cannot access <http://edimax.setup>, please make sure your computer is set to use a dynamic IP address. This is a simple procedure and step-by-step instructions can be found in the user manual.***

5. Choose if you want to use your BR-6478AC V2 in its default Wi-Fi router mode or in a different mode.



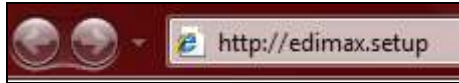
|                            |                                                                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wi-Fi Router Mode</b>   | <i>The device connects to your <b>modem</b> and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.</i>                                                      |
| <b>Access Point Mode</b>   | <i>The device connects to an existing <b>router</b> via Ethernet cable and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.</i>                           |
| <b>Wi-Fi Extender Mode</b> | <i>The device connects wirelessly to your existing 2.4GHz and/or 5GHz network and repeats the wireless signal(s).</i>                                                                                  |
| <b>Wi-Fi Bridge Mode</b>   | <i>The device connects to a network device for example: TV, gaming console, or media player via Ethernet cable and acts as a Wi-Fi bridge, allowing the network device to join your Wi-Fi network.</i> |
| <b>WISP Mode</b>           | <i>The device connects wirelessly to your Wireless Internet Service Provider and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.</i>                     |

**6.** Follow the on-screen instructions to complete setup. Refer to the user manual if you need more help.



# Browser Based Configuration Interface

After setup you can login to ***http://edimax.setup*** and configure or change settings such as USB sharing, VPN server & Wi-Fi settings. Enter ***http://edimax.setup*** into the URL bar of a web browser on a network device which is connected to the BR-6478AC V2.



***If you can not access edimax.setup, connect the BR-6478AC V2 to a computer using an Ethernet cable and try again.***

The default username is “**admin**” and the default password is “**1234**”.

Connect to edimax.setup

The server edimax.setup at Default Name:admin Password:1234 requires a username and password.

Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).

User name: admin

Password: .....

☐ Remember my password

OK Cancel

Use the menu down the left side to navigate. For more information, refer to the user manual.

EDIMAX Wi-Fi Router

English

Help

► Status

► Setup Wizard

► Internet

► LAN

► 2.4GHz Wireless

► 5GHz Wireless

► USB

► Firewall

► QoS

► Advanced

► Administration

System Status

| System                                   |                    | LAN         |                   |
|------------------------------------------|--------------------|-------------|-------------------|
| Model                                    | Wireless Router    | IP Address  | 192.168.2.1       |
| Current Time                             | 2015/5/20 23:54:01 | Subnet Mask | 255.255.255.0     |
| Hardware Version                         | Rev. A             | DHCP Server | Enable            |
| Firmware Version                         | 1.01               | MAC Address | 82:1F:1F:00:00:0C |
| <a href="#">Click the latest version</a> |                    |             |                   |

| Internet                |                   | 2.4GHz Wireless |                    |
|-------------------------|-------------------|-----------------|--------------------|
| IP Address Mode         | PPPoE Connect     | Mode            | Access Point       |
| IP Address              | 118.165.140.145   | SSID            | edimax_2_4G_000000 |
| Subnet Mask             | 255.255.255.255   | Channel Number  | 15                 |
| Default Gateway Address | 168.95.95.254     | Security        | WPA2 (AES)         |
| MAC Address             | 82:1F:1F:00:00:00 | MAC Address     | 82:1F:1F:00:00:0C  |
| DNS 1                   | 168.95.142.1      |                 |                    |
| DNS 2                   | 168.95.1.1        |                 |                    |
| DNS 3                   |                   |                 |                    |

| 5GHz Wireless  |                   |
|----------------|-------------------|
| Mode           | Access Point      |
| SSID           | edimax_5G_000000  |
| Channel Number | 36                |
| Security       | WPA2 (AES)        |
| MAC Address    | 82:1F:1F:00:00:0C |

## LED Status

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| LED                                                                                           | Color | Status   | Description                                                                                     |
|-----------------------------------------------------------------------------------------------|-------|----------|-------------------------------------------------------------------------------------------------|
| Power<br>    | White | On       | The device is on.                                                                               |
|                                                                                               |       | Off      | The device is off.                                                                              |
| Internet<br> | Blue  | On       | Internet connection is ready.                                                                   |
|                                                                                               |       | Flashing | Restoring to factory default state, or Ethernet cable not connected, or no Internet connection. |
| Wi-Fi<br>    | Blue  | On       | 2.4G and/or 5G Wi-Fi wireless activity (transferring/receiving data).                           |
|                                                                                               |       | Flashing | WPS is active.                                                                                  |
|                                                                                               |       | Off      | Wi-Fi not active.                                                                               |
| USB                                                                                           | Blue  | On       | USB connection is ready.                                                                        |
|                                                                                               |       | Off      | USB is not active.                                                                              |

# FAQs

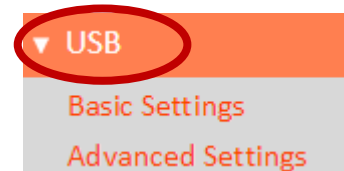
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## 1. How do I use USB storage?

- a. Connect your USB storage to the USB port on the rear of the BR-6478AC V2. USB sharing is enabled by default so devices on your network can access the USB storage drive using appropriate tools for your OS (e.g. Windows File Explorer → Network).



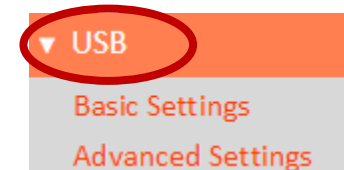
***USB drives should be pre-formatted to support FAT32 or NTFS file systems before using with the USB port. USB hubs are not supported.***



For more detailed configurations such as folder-sharing and FTP, login to the browser-based configuration interface at **<http://edimax.setup>** and go to USB in the main menu. Refer to the user manual for more help.

## 2. How do I share a printer?

- a. Go to **USB → Basic Settings** at **<http://edimax.setup>** and **enable** USB Sharing and select **Print Server**.



Connect your printer to the device with a USB cable and ensure printer drivers are installed on computers that you wish to share the printer with. Then install the Edimax Device Server Utility from the included CD (the utility can also be downloaded from **USB → Basic Settings**).

## 3. How do I setup a VPN server?

- a. A VPN server can be used for remote access to your network as well as for additional security & privacy. Login to **<http://edimax.setup>** and go to **Internet → VPN** to setup the server and refer to the user manual for more instructions. A VPN client such as OpenVPN is required on your network device to access the VPN remotely.



#### 4. I can't access the Internet.

- Ensure that all cables are connected properly. Try a different Ethernet cable.
- Check if you can access the web based configuration interface. If not, please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.
- Login to the web based configuration interface and go to **Internet > WAN Setup** and check that the connection type is correct. If you are unsure which internet connection type you have, please contact your Internet Service Provider (ISP).
- Connect your computer directly to your modem and check if you can access the internet. If you can't, please contact your Internet service provider for assistance.

#### 5. I can't open the web based configuration interface.

- Please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.

#### 6. How do I reset my device to factory default settings?

- To reset the device back to its factory default settings, press and hold the WPS/Reset button for over 10 seconds, until the Internet LED begins to flash. Please wait a few minutes for the product to restart. When the device restarts, all settings will be reset. Default settings are displayed on the product label on the back of the device, as shown below:



|                           |                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Router Login</b>       | Enter this URL in a web browser to run iQ Setup or configure advanced settings. You must be connected to the device by Wi-Fi or Ethernet cable.         |
| <b>Username/Password</b>  | This is the default username and password to access the browser based configuration interface when you go to the “Router Login” URL (above).            |
| <b>Wi-Fi Network Name</b> | This is the default Wi-Fi network name for the device. Search for this name (SSID) and connect to it in order to access the “Router Login” URL (above). |
| <b>MAC</b>                | A MAC address is unique to every device and is used for identification within a network. Your device’s unique MAC addresses are displayed here.         |
| <b>PIN CODE</b>           | This is your device’s PIN code for Wi-Fi Protected Setup (WPS) for each wireless frequency.                                                             |

## 7. I forgot my password.

- Reset the router to its factory default settings and use the default username **admin** and default password **1234**. Default settings are displayed on the product label on the back of the device, as shown above.

## 8. Do the blue WAN port and yellow LAN ports work the same when the device is in different modes?

No, the WAN and LAN ports have slightly different functions depending on the operating mode of the device.

- In **Wi-Fi router** mode, the **WAN port** is for a direct connection to your xDSL modem. The **LAN ports** are for wired network clients.
- In **access point** mode, the **WAN port** is not functional. Connect your existing router to the device’s **LAN port**, and the other **LAN ports** can connect wired network clients.
- In **Wi-Fi extender, Wi-Fi bridge & WISP** mode, the **WAN port** is not functional and the **LAN ports** are for wired network clients. Do not connect your existing router to the device’s **WAN** or **LAN ports**, as this can cause the device to malfunction.

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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 | UK(NI) |

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 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.

The equipment version marketed in US is restricted to usage of the channels 1-11 only. This equipment is restricted to **indoor** use when operated in the 5.15 to 5.25 GHz frequency range.

### 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) |
|-----------------------|---------------------------|
| 2400-2472             | 19.70 dBm                 |
| 5150-5250             | 22.48 dBm                 |

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

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **AC1200 Gigabit Dual-Band Router with VPN** 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.
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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 | BG     | CZ | DK | DE |
| EE | IE | EL     | ES | FR | HR |
| IT | CY | LV     | LT |    |    |
| LU | HU | MT     | NL | PL | PT |
| RO | SI | SK     | FI |    |    |
| SE | UK | UK(NI) | TR | IS | LI |
| NO | CH | RU     | 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: AC1200 Gigabit Dual-Band Router with VPN**  
**Model No.: BR-6478AC V2**

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 : 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 (2<sup>nd</sup> Edition) and/or EN 62368-1:2014+A11:2017

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Printed Name: David Huang  
Title: Director  
Edimax Technology Europe B.V.

a company of:  
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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', written over a horizontal line.

Printed Name:

Albert Chang

Title:

Director

Edimax Technology Co., Ltd.

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