

UGREEN

AC650 High-Gain Dual Band Wireless USB Adapter

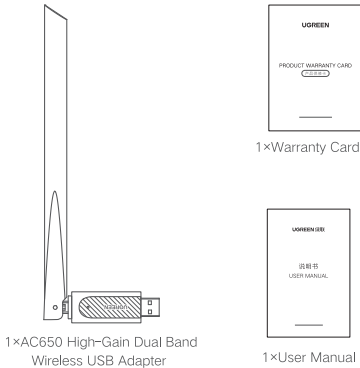
Model: CM496 | P/N: 90339

User Manual

Preface

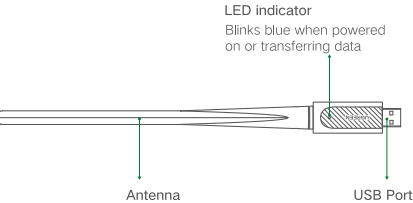
Thank you for purchasing the UGREEN products. For optimum operation, please read this manual carefully before using.

Package Contents



— 1 —

Product Overview



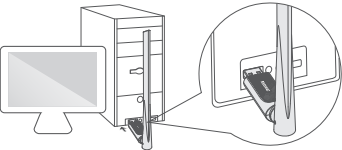
About Driver

- Windows users: the product includes a built-in wireless driver, Windows users that use Windows XP 32-bit/Windows 7 or later please follow steps below to complete installation.
- Windows XP 64-bit/macOS/Linux users: visit UGREEN official website and search "CM496 (Product Model)", or go to "下载中心" > "外置网卡驱动" to find the driver for installation.

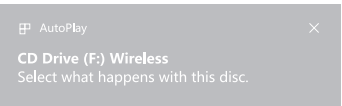
— 2 —

Step 1. Driver Installation (Take Windows 10 as an Example)

- Insert the adapter into USB port of your PC/laptop.

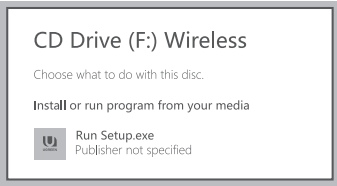


- The "Wireless" window will pop up at the bottom right corner on your screen, please double click and select "Setup.exe" for further installation.



①

— 3 —



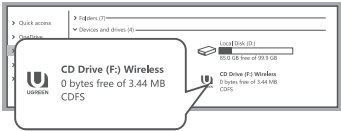
②



③

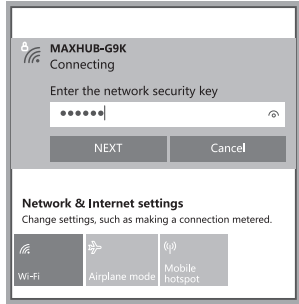
Tip: If the popup window doesn't show up, please select "This PC" and double click "Ugreen Wireless" icon.
*Note: Windows 8.1/10 "This PC", Windows XP "My Computer", Windows Vista to Windows 8 "Computer",

— 4 —



Step 2. Connect to Wireless Network (Take Windows 10 as an Example)

- Click or at the bottom right corner of your PC/laptop.
- Select your Wi-Fi name, and enter the password to connect.



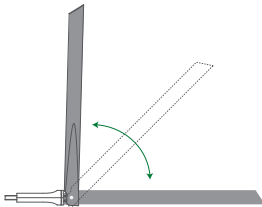
— 5 —

- If the connection is successful, then you can start using the wireless network.

Tip

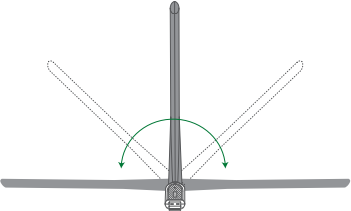
- You can try to adjust the direction of antenna for a better performance when the signal is not stable enough.

① 90-degree Rotation



— 6 —

② 180-degree Rotation



Specifications

Hardware	Port	1×USB 2.0
	Antenna	1×External high-gain antenna
Wireless	Transfer Rate	200Mbps Max (2.4GHz) 433Mbps Max (5GHz)
	Wireless Standard	IEEE 802.11b/g/n (2.4GHz) IEEE 802.11a/n/ac (5GHz)
Software	Encryption	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, 64/128 WEP
	Operating Mode	Adapter mode, AP mode
	Compatible Systems	Windows /Linux/macOS

— 7 —

Notes

- Do not leave the product in the moist environment.
- Do not forcibly plug or unplug the product in case of connector damage.
- Keep out of reach of children.

— 8 —

CE Mark Warning

RF warning statement:

Limit for General Population/uncontrolled exposure should be applied for this device, it is 2.0 W/kg as averaged over any 10 g of tissue. The highest reported 10g-SAR for body is 0.389 W/kg.

Body-worn Operation:

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm is used between the user's body, including the antenna. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Product name: AC650 High-Gain Dual Band Wireless USB Adapter

Product model: CM496

Manufacturer: Ugreen Group Limited

Operation frequency(Max power):

2.4G WiFi: 2412MHz-2472MHz(20dBm)

5G WiFi: 5180MHz-5240MHz(17.5dBm); 5745MHz-5825MHz(14dBm)

This product can be used in EU countries and regions, including: Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and United Kingdom (UK).

SIMPLIFIED EU DECLARATION OF CONFORMITY

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

Hereby, Ugreen Group Limited declares that radio equipment type CM496 is in compliance with Directive 2014/53/EU, and this product is allowed to be used in all EU member states.

The full text of the EU declaration of conformity is available at following company website: <http://www.Ugreen.com>

FCC STATEMENT

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.

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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

RF warning statement:

This device comply with FCC SAR requirements. The highest reported 1g-SAR for body is 0.959 W/kg, the SAR limit is 1.6 W/kg averaged over 1g of tissue.

Body-worn Operation:

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5mm is used between the user's body , including the antenna. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Important WEEE Information

	This symbol on the product(s) and / or accompanying documents indicates that, under the new Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), product(s) used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation. For professional users in the European Union If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information. For disposal in countries outside of the European Union This symbol is only valid in the European Union (EU). If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.
---	---