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Wall Plug AC750 Dual Band Wireless-AC Access Point / Router / Repeater

WFRAP433ACD

*actual product may vary from photos

FR: Guide de l'utilisateur - fr.startech.com
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NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com
IT: Guida per l'uso - it.startech.com

For the latest information, technical specifications, and support for this product, please visit www.startech.com/WFRAP433ACD.

Manual Revision: 02/17/2016

FCC Compliance Statement

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

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.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

IC Radiation Exposure Statement

This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5cm between the radiator and your body.

Déclaration d'exposition à la radiation

Cet équipement respecte les limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Cet équipement doit être installé et mis en marche à une distance minimale de 0.5 cm qui sépare l'élément rayonnant de votre corps.

L'émetteur ne doit ni être utilisé avec une autre antenne ou un autre émetteur ni se trouver à leur proximité.

FCC ID: NZ3WS-WN566A2

IC: 11232A-WFRAP433

The Country Code Selection feature is disabled for products marketed in the US/Canada

The device, for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

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Introduction

You can use the WFRAP433ACD to easily create a wireless network from your existing wired network connection or extend the distance and performance of your Wi-Fi® network throughout your home or office. Simply plug the WFRAP433ACD into a wall outlet and set up or enhance your wireless environment through one of three selectable operating modes: access point, router, or repeater.

Packaging contents

- 1 x wall plug wireless-AC access point
- 3 x interchangeable wall plugs (NA/EU/UK)
- 1 x network cable

System requirements

- Available AC electrical outlet

System requirements are subject to change. For the latest requirements, please visit www.startech.com/WFRAP433ACD.

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Product diagram

Front view

Power LED
LAN LED
WAN/LAN LED
Wi-Fi/WPS LED

Bottom view

LAN port

WAN/LAN port

WPS button

Reset button

Mode switch

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Back view

Wall plug interface

Wall plug
release button

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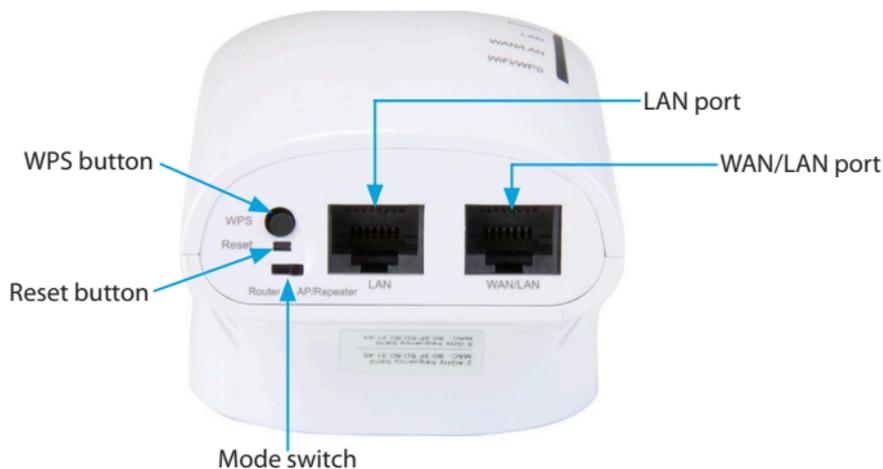
About LED indicators

The WFRAP433ACD features four LED indicators that are located on the front of the device. For more information about what the LED indicators represent, consult the table below.

LED	LED behavior	Meaning
Power (green)	Illuminated	Device is receiving power.
	Not illuminated	Device isn't receiving power.
LAN (green)	Illuminated	The LAN port is connected.
	Blinking	Data is being transferred to or from a network device.
	Not illuminated	The LAN port is disconnected.
WAN/LAN (green)	Illuminated	The WAN/LAN port is connected.
	Blinking	Data is being transferred to or from a network device.
	Not illuminated	The WAN/LAN port is disconnected.
Wi-Fi/WPS (green)	Illuminated	The Wi-Fi/WPS port is connected.
	Blinking quickly	Data is being transferred to or from a network device.
	Blinking slowly	The Wi-Fi/WPS is in the process of being connected.
	Not illuminated	The Wi-Fi/WPS port is disconnected.

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Insert one of the wall plugs

1. Select the appropriate wall plug for your region.

2. Grasp the wall plug by the blades and press it into the wall plug interface on the WFRAP433ACD.

3. Turn the wall plug clockwise until you hear a click.

To remove a wall plug from the WFRAP433ACD, press the **wall plug release** button, turn the wall plug counterclockwise and pull it away from the wall plug interface.

Extend the existing wireless signal

When you use the WFRAP433ACD in repeater mode, the existing wireless signal is copied and reinforced to extend the signal coverage. The WFRAP433ACD works well in large houses, offices, warehouses, or other spaces where the existing wireless signal is weak.

You can configure the WFRAP433ACD to extend the wireless signal in one of three ways: On the WFRAP433ACD itself, using the included network cable, or wirelessly.

Configure Wi-Fi repeater mode on the WFRAP433ACD

1. Check the documentation that came with your wireless router to make sure that it supports WPS.

2. On the WFRAP433ACD, move the **Mode** switch to **AP/Repeater**.

3. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

4. Press and hold the **WPS** button on the WFRAP433ACD for ten seconds. The **Wi-Fi/WPS** LED indicator will start to blink.

5. While the **Wi-Fi/WPS** LED is blinking, press the **WPS** button on your wireless router for five seconds.

The WFRAP433ACD will now connect to your wireless router and copy the wireless key. You can access the WFRAP433ACD using the SSID and wireless key of your wireless router.

Use the network cable to configure Wi-Fi repeater mode

1. On the WFRAP433ACD, move the **Mode** switch to **AP/Repeater**.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. Connect the network cable to the **LAN** port on the WFRAP433ACD and the port on your computer.

4. On your computer, open a web browser and enter **http://192.168.10.1** or **http://**

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ap.setup in the **address bar**. The WFRAP433ACD provides your computer with an automatic IP address on the same subnet that the device is on.

Note: If the text that you entered into the address bar doesn't open the login screen, you can try to resolve the issue by resetting the WFRAP433ACD to the factory default settings. For more information, refer to the *Reset to the factory default settings* topic.

5. On the **login** screen, enter the WFRAP433ACD user name and password and click **Submit**.

Note: The default user name and password is **admin**.

6. On the **Wizard** section of the screen, click **Repeater**.

7. In the list of wireless networks, click the **Select** button next to the wireless network that you want to connect the WFRAP433ACD to.

8. Enter the network key of your wireless router and click **Apply**.

When the WFRAP433ACD finishes reloading, it will be available under the SSID and the wireless key of your wireless router.

Wirelessly configure Wi-Fi repeater mode

1. On the WFRAP433ACD, move the **Mode** switch to **AP/Repeater**.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. On your computer, click the **network** icon on your desktop.

4. Under **Wireless-AC** or **Wireless-N(2.4G)**, click **Connect** and wait for the WFRAP433ACD to connect.

5. On your computer, open a web browser and enter **http://192.168.10.1** or **http://ap.setup** in the **address bar**. The WFRAP433ACD provides your computer with an automatic IP address on the same subnet that the device is on.

Note: If the text that you entered into the address bar doesn't open the login screen, you can try to resolve the issue by resetting the WFRAP433ACD to the factory default settings. For more information, refer to the *Reset to the factory default settings* topic.

6. On the **login** screen, enter the WFRAP433ACD user name and password and click **Submit**.

Note: The default user name and password is **admin**.

7. On the **Wizard** section of the screen, click **Repeater**.

8. In the list of wireless networks, click the **Select** button next to the wireless network that you want to connect the WFRAP433ACD to.

9. Enter the network key of your wireless router and click **Apply**.

When the WFRAP433ACD finishes reloading, it will be available under the SSID and the wireless key of your wireless router.

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Create a wireless access point

To use the WFRAP433ACD as a wireless access point, you need to connect it to a wired network. The WFRAP433ACD then broadcasts the wired Internet signal as a wireless signal that multiple devices can access. This works best in places where only a wired network is available. You can also use the WFRAP433ACD to make a wired router into a wireless router.

1. On the WFRAP433ACD, move the **Mode** switch to **AP/Repeater**.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. Connect the network cable to your wired access point and the **LAN** port on the WFRAP433ACD.

4. On your computer, click on the **network** icon on your desktop.

5. Under **Wireless-AC** or **Wireless-N(2.4G)**, click **Connect** and wait for the WFRAP433ACD to connect.

6. On your computer, open a web browser and enter **http://192.168.10.1** or **http://ap.setup** in the **address bar**. The WFRAP433ACD provides your computer with an automatic IP address on the same subnet that the device is on.

Note: If the text that you entered into the address bar doesn't open the login screen, you can try to resolve the issue by resetting the WFRAP433ACD to the factory default settings. For more information, refer to the *Reset to the factory default settings* topic.

7. On the **login** screen, enter the WFRAP433ACD user name and password and click **Submit**.

Note: The default user name and password is **admin**.

8. On the **Wizard** section of the screen, click **AP**.

9. On the **Wireless AP Mode** screen, in the **Security Type** drop-down list, select a type of security.

Note: The WFRAP433ACD supports 64/128-bit WEP, WPA, WPA2, and WPA/WPA2 encryption methods.

10. In the **Security key** field, enter the WFRAP433ACD password and click **Apply**.

When the WFRAP433ACD finishes reloading, it will be available under the SSID and the wireless key of your wireless router.

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Use the device as a wireless router

You can connect the WFRAP433ACD to a DSL or cable modem and use it as a regular wireless router. Using the WFRAP433ACD as a wireless router works best in situations where more than one user needs to access the Internet.

1. On the WFRAP433ACD, move the **Mode** switch to **Router**.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. Connect the network cable to the DSL modem and the **WAN** port on the WFRAP433ACD.

4. On your computer, open a web browser and enter **http://192.168.10.1** or **http://ap.setup** in the **address bar**. The WFRAP433ACD provides your computer with an automatic IP address on the same subnet that the device is on.

Note: If the text that you entered into the address bar doesn't open the login screen, you can try to resolve the issue by resetting the WFRAP433ACD to the factory default settings. For more information, refer to the *Reset to the factory default settings* topic.

5. On the **login** screen, enter the WFRAP433ACD user name and password and click **Submit**.

Note: The default user name and password is **admin**.

6. On the **Wizard** section of the screen, click **Router**.

7. On the **Wireless Router Mode** screen, select the WAN connection type.

8. Depending on the type of WAN connection that you selected, do one of the following:

    • If you select **static IP**, complete the **IP Address**, **Subnet Mask**, **Default Gateway**, and **DNS** fields.

    • If you select **dynamic IP**, the WFRAP433ACD automatically obtains the IP address and you don't need to specify any configurations.

    • If you select **PPPoE**, complete the **User Name** and **Password** fields. For more information, contact your Internet service provider.

9. Set the wireless parameter by renaming the SSID.

10. In the **Security Mode** drop-down list, select a type of security.

11. In the **Security key** field, enter the WFRAP433ACD password and click **Apply**.

When the WFRAP433ACD finishes reloading, it will be ready for use.

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Managing the WFRAP433ACD

You can use the web interface to change the settings on the WFRAP433ACD. To access the web interface, complete the following:

1. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

2. On your computer, open a web browser and enter **http://192.168.10.1** or **http://ap.setup** in the **address bar**.

Note: If the text that you entered into the address bar doesn't open the login screen, you can try to resolve the issue by resetting the WFRAP433ACD to the factory default settings. For more information, refer to the *Reset to the factory default settings* topic.

3. On the **login** screen, enter the WFRAP433ACD user name and password and click **Submit**.

Note: The default user name and password is **admin**.

Change the basic wireless settings

1. Log in to the web interface.

2. On the **Wi-Fi** section of the screen, click **Basic Settings**.

3. Do any of the following:

   - Enable or disable the wireless signal.

   - In the **SSID** field, enter the wireless SSID of the WFRAP433ACD.

   - In the **Channel** field, enter the channel number. It's recommended that you set the channel to **Auto**.

   - In the **Security Type** drop-down list, select a type of security.

Note: The WFRAP433ACD supports 64/128-bit WEP, WPA, WPA2, and WPA/WPA2 encryption methods.

4. Click **Apply**.

Change the WFRAP433ACD password

The WFRAP433ACD includes a default password but for security reasons, you should change the password to something that you will remember and others won't guess. Changing the password is especially important if you're using the WFRAP433ACD as a wireless router.

1. Log in to the web interface.

2. On the **Management** section of the screen, click **Password**.

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3. On the **Change your password** screen, enter the WFRAP433ACD user name.

4. In the **New password** and **Retype password** fields, enter the new password for the WFRAP433ACD.

5. Click **Apply**.

Back up and restore the WFRAP433ACD settings

You can use the web interface to create backup files and restore previous versions of the WFRAP433ACD settings.

1. Log in to the web interface.

2. On the **Management** section of the screen, click **Save/Reload settings**.

3. Do one of the following:

   - To create a backup file of your settings, click **Save** and follow the on-screen instructions to select the location and name of the backup file.

   - To load a file that you saved previously, click **Upload** and follow the on-screen instructions to select the file to restore.

   - To restore the factory default settings, click **Load default**.

Warning! If you restore the factory default settings, all of the current settings will be erased.

Connecting computers to the device

You can add a wireless and a wired computer to the WFRAP433ACD. There are two methods of adding a wireless computer to the device: you can use the wireless computer that you want to add or you can use the WFRAP433ACD itself.

Add a wireless computer to the WFRAP433ACD

These steps apply to a computer running a version of Windows.

1. Log on to the wireless computer that you want to add.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. In the notification area of the taskbar on your computer, click the **network** icon.

4. Select the wireless network from the list and click **Connect**.

5. If necessary, enter the network security key and password.

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Use the WFRAP433ACD to add a wireless computer

1. Log on to the wireless computer that you want to add.

2. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

3. Press and hold the **WPS** button on the WFRAP433ACD for five seconds. The **Wi-Fi/WPS** LED indicator will start to blink and continue blinking for approximately two minutes.

4. While the **Wi-Fi/WPS** LED is blinking, press the **connection (WPS)** button on the device that you want to add.

The wireless computer connects to the WFRAP433ACD and automatically applies all of the WFRAP433ACD settings.

Add a wired computer to the WFRAP433ACD

1. Insert the wall plug for your region and plug the WFRAP433ACD into an AC wall outlet.

2. Connect the network cable to the computer that you want to add and the **LAN** port on the WFRAP433ACD.

Reset to the factory default settings

Warning! If you restore the factory default settings, all of the current WFRAP433ACD settings will be erased.

• To reset the factory default settings on the WFRAP433ACD, do one of the following:

   • To reset the factory default settings on the WFRAP433ACD, use a small, pointed object (such as the end of a paperclip) to press and hold the **Reset** button on the bottom of the device for ten seconds.

   • Log in to the web interface. On the **Management** section of the screen, click **Save/Reload settings**. Click **Load default**.

Note: The default IP address for the WFRAP433ACD is **http://192.168.10.1**.

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Technical support

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For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty information

This product is backed by a two-year warranty.

StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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