



VEKTOR 2400AC



AEFMEB04LR

WHOLE-HOME Wi-Fi SYSTEM

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Introduction

This advanced network device works as a Mesh Wireless Router. Before setting up the Vektor2400-AC, you must verify that you have high-speed internet access available.

Product description

- **Front view**

The LED indicator on the front panel provides information about network activity, the connection and link status of the ports in real time. It also facilitates activity monitoring and troubleshooting the performance of the device.



Primary node
Tabletop design

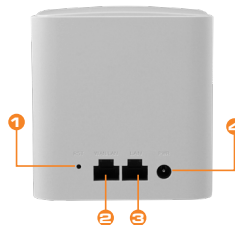


Secondary node
Plug-in design

LED indicator	Status	Description
	Solid	The system is working properly
	Off	No power is being supplied to the router or the switch is off
	Solid green	Good connection
	Solid yellow	Fair connection: Move closer to another node
	Solid red	Disconnected: Check connection, move closer to another node

- **Rear/bottom view**

The rear panel provides the physical connectors for power and client network devices.



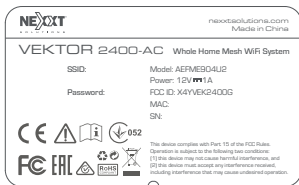
Primary node
Tabletop design



Secondary node
Plug-in design

- 1. Reset button:** Press and hold this button for 8-10 seconds to restore the router to its factory default settings. The router must be powered on for this function to work.
- 2. WAN/LAN port:** This RJ45 port is where you will connect the DSL/cable modem or Ethernet line from your ISP. It can also be used as a LAN if it's not the Main Node.
- 3. LAN port:** Connect your local laptop or desktop computers in your network to any of these RJ45 ethernet ports
- 4. DC-IN:** Connect the supplied power adapter to this jack.
- 5. Plug:** Connect the secondary node directly into any standard wall outlet.

• Product label



Primary node



Secondary node

Setup

1. Install the Nexxt Wireless App on your mobile device by searching for Nexxt Wireless in Google Play Store or by scanning the QR code.



Available for Android



Nexxt Wireless

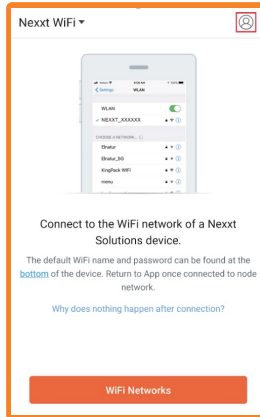
2. Tap on the **Nexxt** Wireless app to start it.



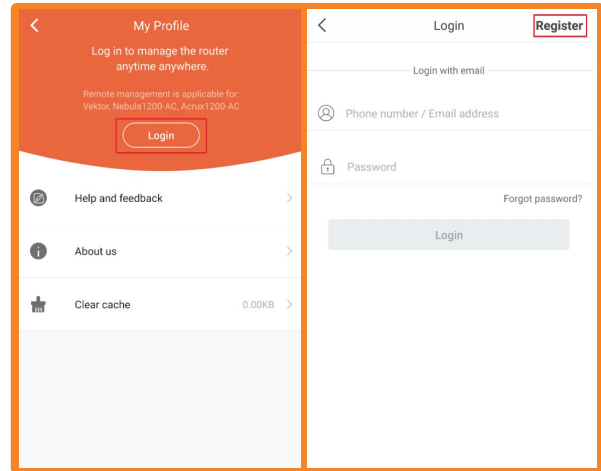
Vektor System Settings

- Create or Log in into the Nexxt Smart cloud account

1. You will need to create an account if you want to be able to control the Vektor while you are away from your home.
2. Tap on the **Profile** icon on the upper right-hand corner.

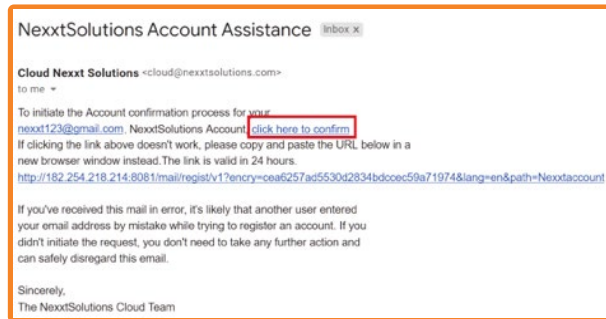
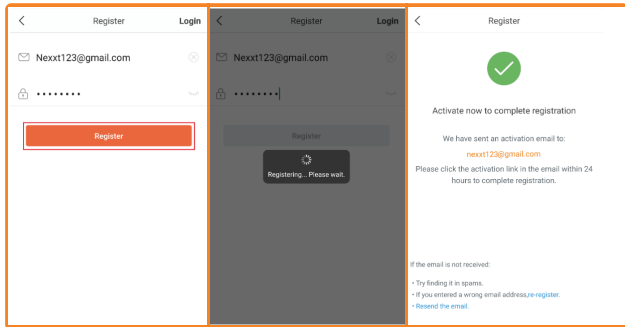


3. Tap on **Login**, then **Register** on the upper right-hand corner.



4. Enter in your email address and a password. Password must be at least 6 characters long. Then click on **Register**.

5. You will receive a confirmation email, click on the link in the email to activate your account.

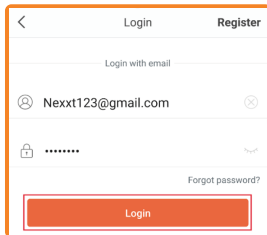


6. You will get a confirmation that your account was registration was successful.

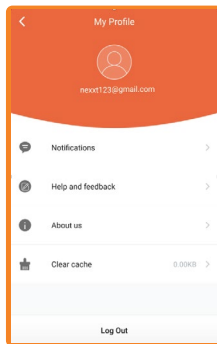


Cloud account registration is successful, you can log on!

7. Go back to the Login page and enter your email and password you just created. Click **Login**.



8. You will now be in your **My Profile** page, here you have access to Notifications, Help and feedback, About Us, and Clear cache.

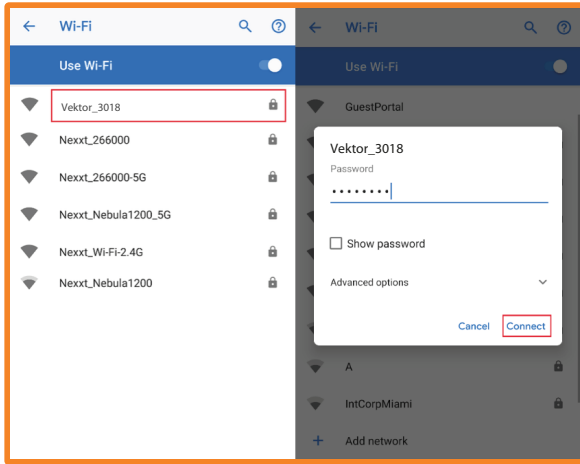


Add Vektor to Nexxt Wireless smart cloud account

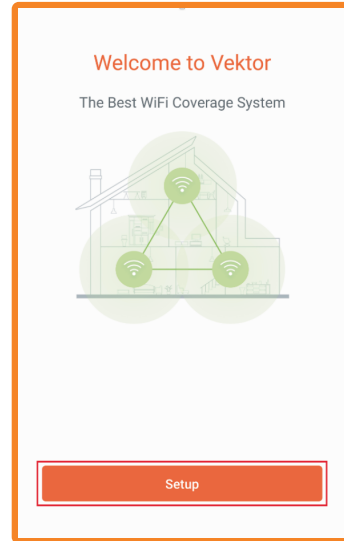
1. You will need the default name and password of the Vektor, it should be on label on the bottom of the node. Click on **Connect**. It will take you to your phone's Wi-Fi settings.



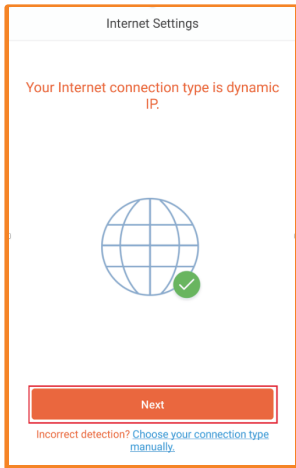
2. Choose the default SSID of the Vektor and type in the password from the bottom label. Tap on **Connect**. Once you are connected go back to the app.



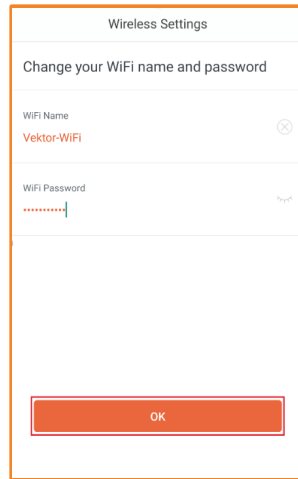
3. You will now be in the Vektor setup screen. Tap on **Setup**.



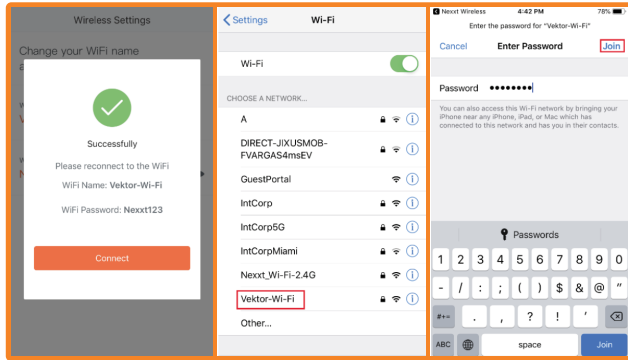
4. It will automatically determine what type of Internet you are using. You may change it, if you like to set up something different. To do so, tap on **Choose your connection type manually**. Otherwise, tap on **Next**.



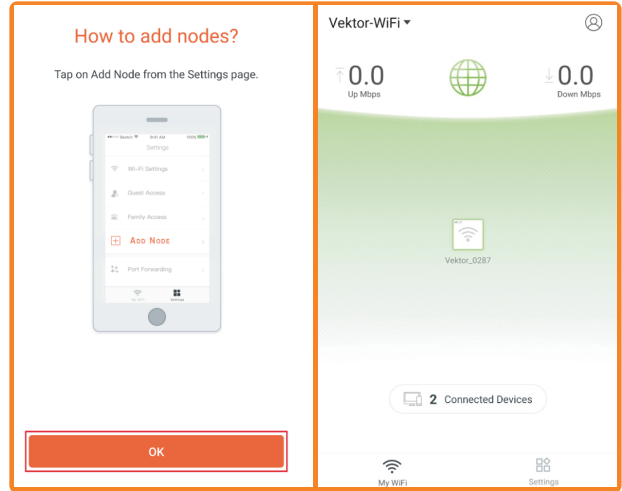
5. It will ask you to change the default Wi-Fi name and Password. Please do so, remember to keep something that is easy to remember. Tap on **OK**, when done. It should automatically reconnect to the new Wi-Fi name.



6. It will ask you to connect to the Wi-Fi you just created. Tap on **Connect**. Tap on the Wi-Fi name you just created, enter the password and once connected, go back to the app.

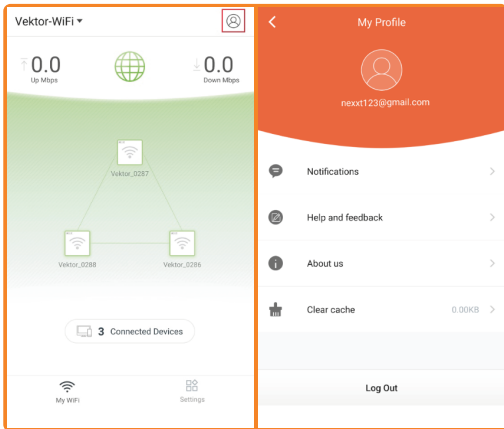


7. To add additional nodes, you will need to go to **Settings... Add Node**. Tap on **OK**. It will take you to the main interface.

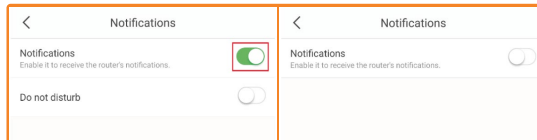


Notifications

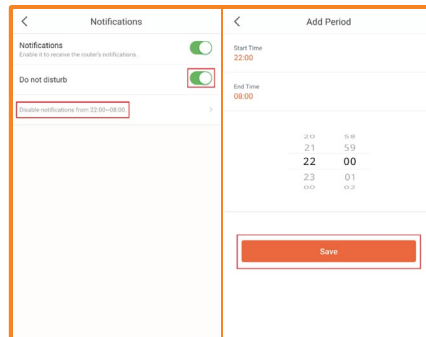
1. Tap on **My Profile** icon on the upper right-hand corner. Then tap on **Notifications**.



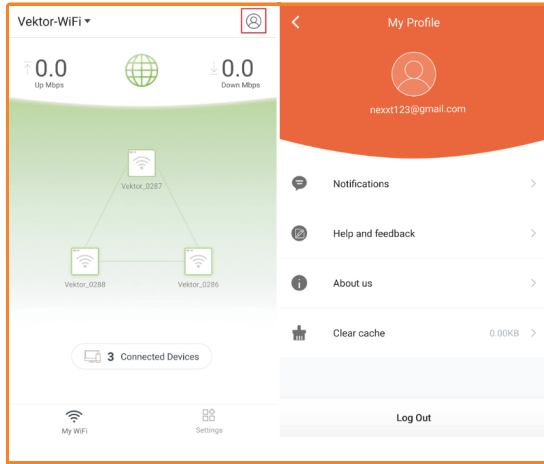
2. By default, **Notification** is enabled. If you wish to disable it, tap on the switch to turn it off.



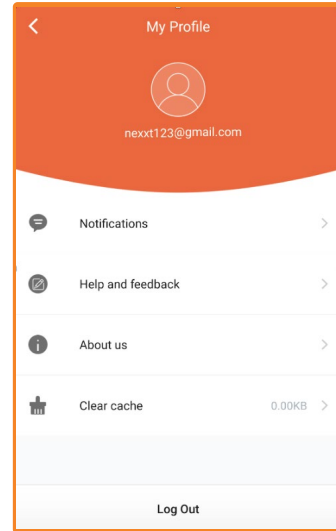
3. **Do not disturb**: To use the Do not disturb feature, tap on the switch to turn it on. You can set the time to which you want the Do not disturb to turn on and off. For this example, we will use the default time 22:00 to 08:00. So between those hours, you will not get notifications. Tap on **Save**.



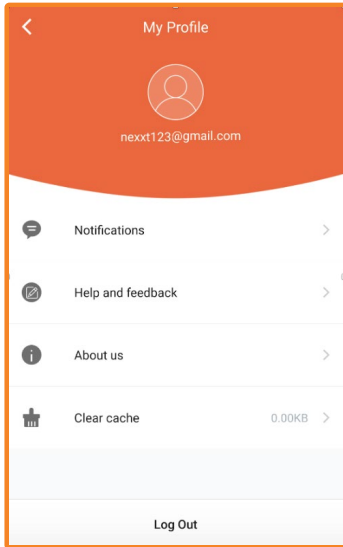
Help and feedback - Tap on **My Profile** icon on the upper right-hand corner. Then tap on **Help and feedback**.



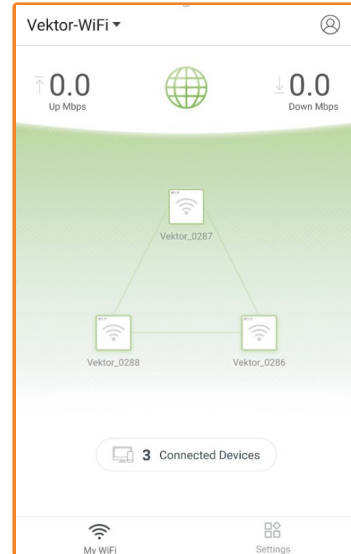
About us - Tap on **My Profile** icon on the upper right-hand corner. Then tap on **About us**. Current app version, Official website, and Facebook page.



Clear cache – If you want to erase the history, tap on **Clear cache**.



My Wi-Fi



Node settings – Tap on any node to get to **Node settings**

- **Device location** – Choose a pre-existing location or go to **Custom** to enter a custom name.
- **LED indicator** – Notifies you of the connection status.
- **More information** – Describes each node information.

Connected devices – Tap on **Connected devices** to get to Connected devices settings. Tap on a **Connected** device.

- **Name devices** – You can rename each device.
- **Add group** – You can create and add to a group.
- **Details** – Describes each device information.

Add to blacklist

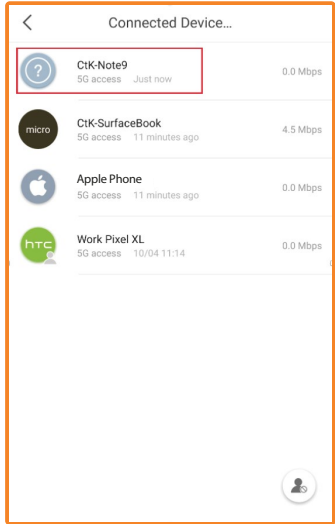
How to add a user/device to the blacklist.

1. If a user/device is added to the blacklist, they will not be able to connect to your Vektor Mesh.

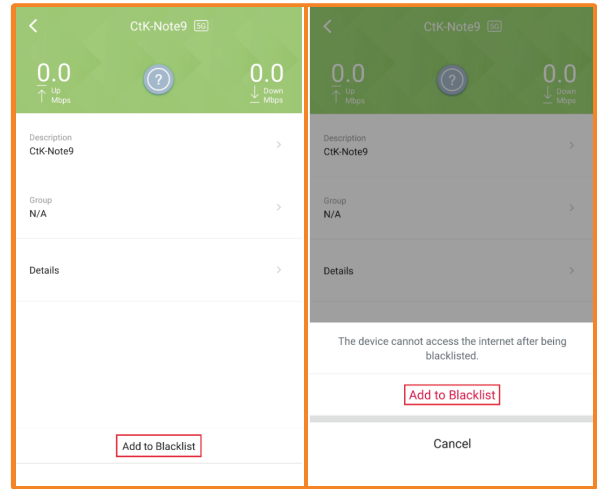
2. Open Nexxt Wireless app. You should be on the main My Wi-Fi page, tap on **Connected devices**.



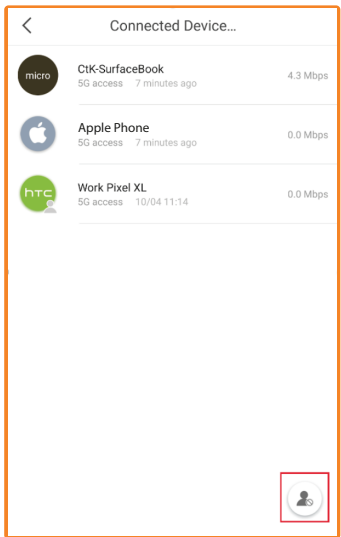
3. Tap on the device, you wish to add to the Blacklist. For this example, we will be blocking "CtK-Note9".



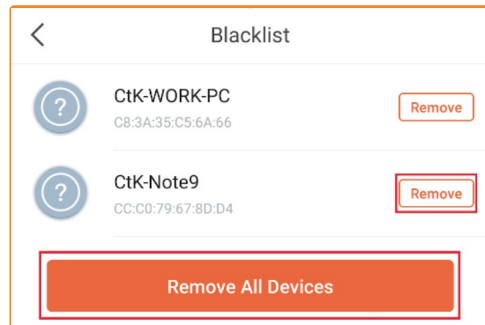
4. Tap on **Add to Blacklist**, a confirmation popup will come up. If you are sure, you do not want this device to access the Vektor Mesh, tap on **Add to Blacklist**. When you go back to the **Connected Devices list**, "CtK-Note9" should no longer be accessible on that list.



5. To see all users/devices that are on the Blacklist, tap on the lower right-hand corner **Blacklist** icon.

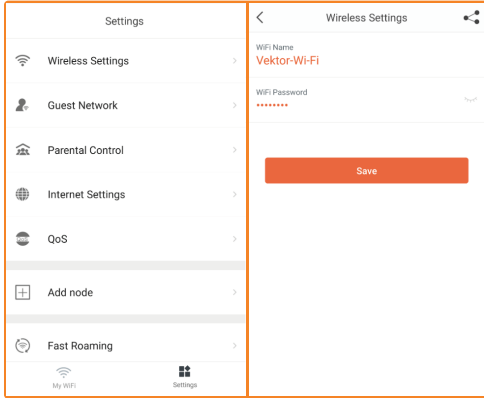


6. On this screen, you can Remove the device, or Remove All Devices. Just tap on **Remove**, next to the device you wish to remove from the Blacklist or **Remove All Devices** to remove them all.



Settings

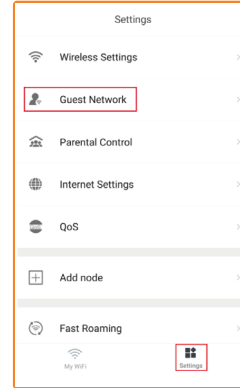
Wireless settings – View or change your Wi-Fi name and password.



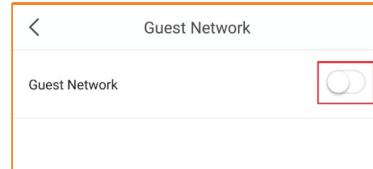
Guest network - Use Guest network to allow guests to get online and share a password via various options.

How to enable Guest network.

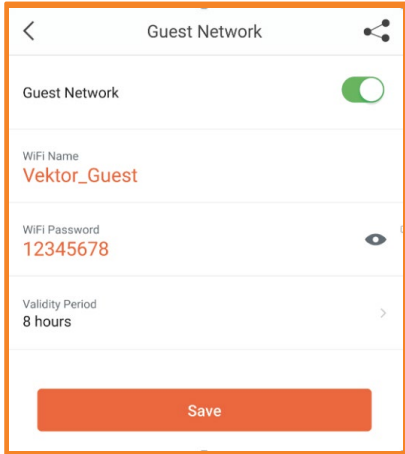
1. Open Nextt Wireless app. Tap on **Settings**. Then tap on **Guest network**.



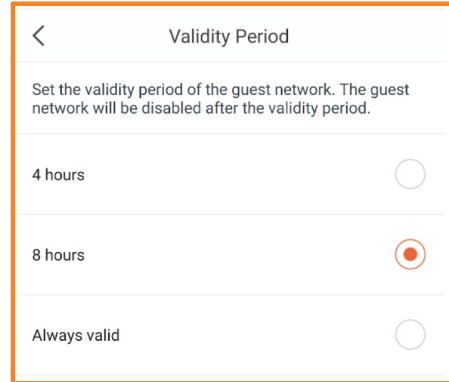
2. Tap on the switch to enable the **Guest network**.



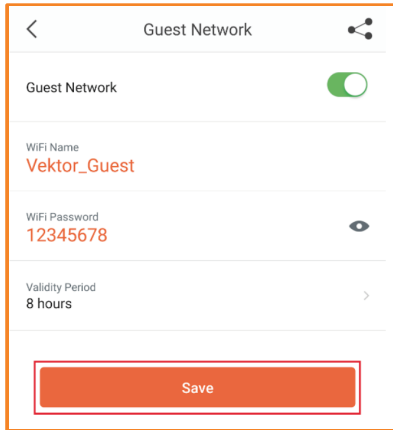
3. The default Guest Network WiFi Name is **Vektor_Guest**. You may change it to anything you like. The default Guest Network WiFi Password is **12345678**. You may change it to anything you like. We will keep the default for this example.



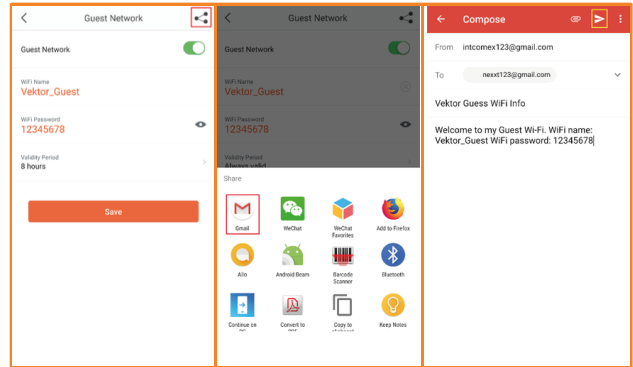
4. **Validity Period:** This is how long you want the Guest Network to be available. Tap on **Validity Period**, you can set 4, 8 hours, or Always Valid. Always Valid means it will always be on.



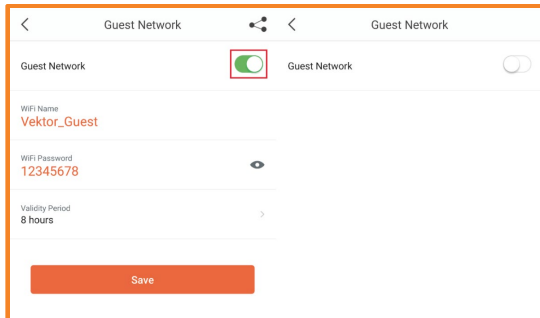
5. Tap on **Save** to enable **Guest Network**. Vektor_Guest should be available now for your guests to enjoy your Wi-Fi.



6. You can also share the Guest Network WiFi Name and Password information via a number of different ways. Tap on the **Share** icon on the upper right-hand corner. We will use Gmail for this example. Enter in the email address and a subject line to the person you wish to share this info with. Then send the email.



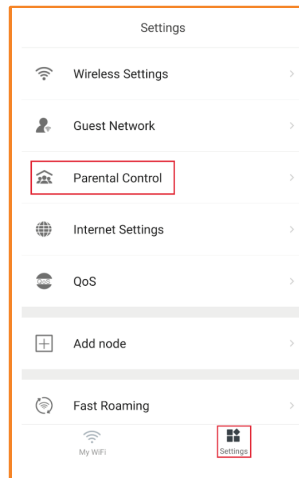
7. To turn off Guest network, if you are not using the 4- or 8- hour Validity Period. Go back in to the Guest Network and tap on the switch again to disable. It will then turn off your Guest Network.



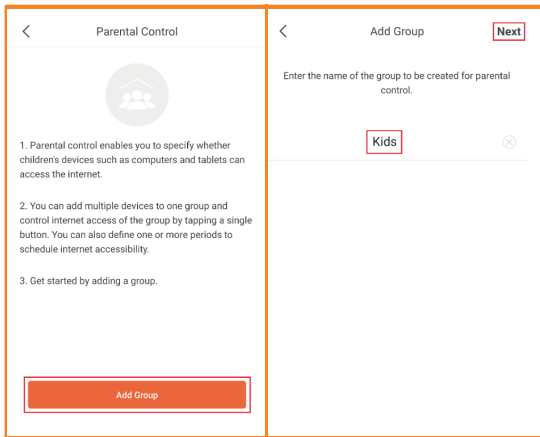
Parental control – Allows you to create a group for your kids. You can specify what times your kids can go online.

How to use Parental Control.

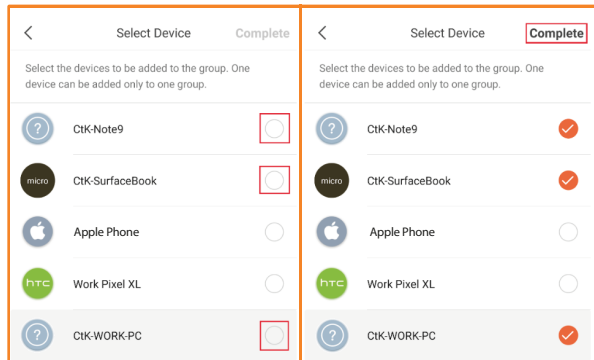
1. Open Nexxt Wireless app. Tap on Settings. Then tap on **Parental Control**. This allows you to control when any device can use the Internet.



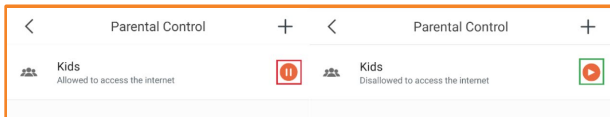
2. Tap on **Add group**. For this example, we will use a Kids group. Tap on **Next**.



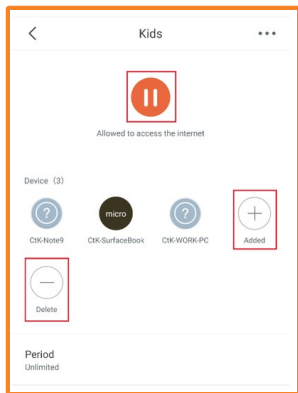
3. Now choose which user/devices you wish to add to the Kids Group. For this example, we will add all the devices named "CtK". Tap on the circle next to each device named **CtK**, it should show a check mark. Tap on **Complete**. It will take you back to main Parental Control page.



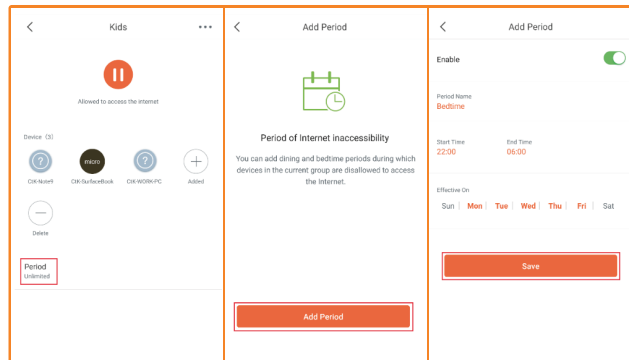
4. On this screen you can tap on the **Pause** button to stop allowing everyone in that group the use of the Internet. Then tap on the **Play** button to allow them access to the Internet again.



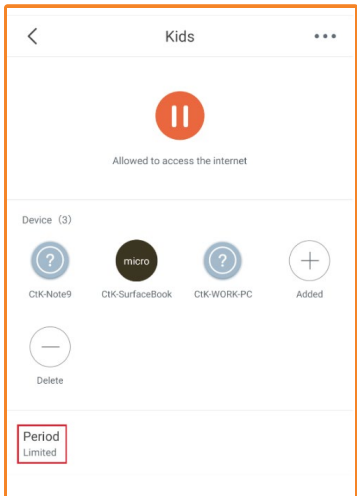
5. If you tap on the **Kids group**, here you can add or remove devices. You can Enable/Disable the Internet. You can also set up a Period of time, when the group is not allowed to use the Internet.



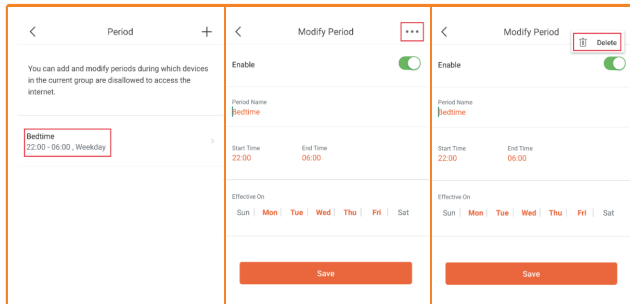
6. Tap on **Add Period**. Give the Period a name, here we will use the default **Bedtime**. Change the Start and End time, if you wish. We will keep the default times. We will also keep the default Effective On days. Tap on **Save**.



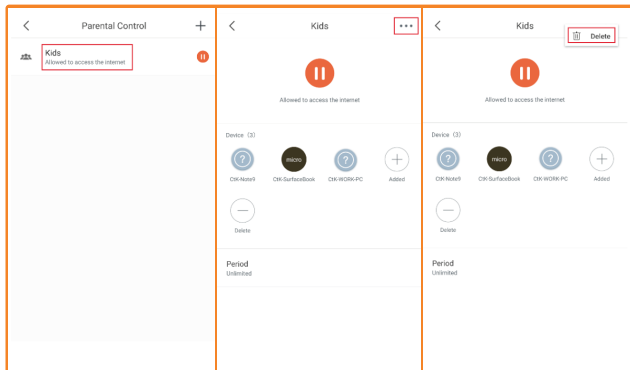
7. Now every weekday the Kids group will not be allowed to use the Internet from 22:00 to 06:00. Under **Period** it should now say **Limited** instead of Unlimited.



8. To delete the Period, tap on **Bedtime**. Then tap on the 3 dots on the upper right-hand corner. Tap on **Delete**.

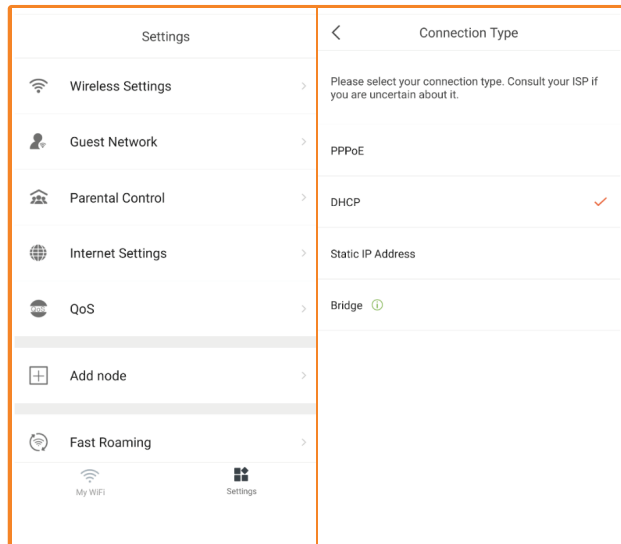


9. To delete a Group, tap on **Kids group**. Then tap on the 3 dots in the upper right-hand corner. Tap on **Delete**.



Internet settings

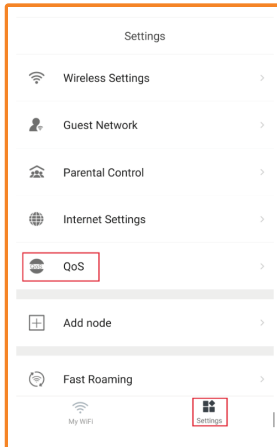
Select ISP connection type.



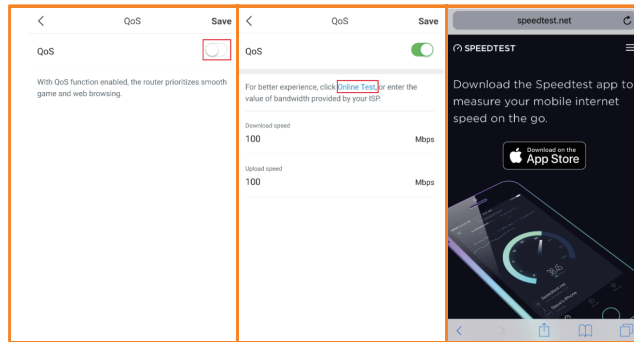
QoS – Prioritizes devices for smooth gaming and web browsing. These devices will always have the best access, when connected. To run speed test, click on **Online Test**, to install Speedtest.net app and determine your Internet speed.

How to use QoS - Quality of Service.

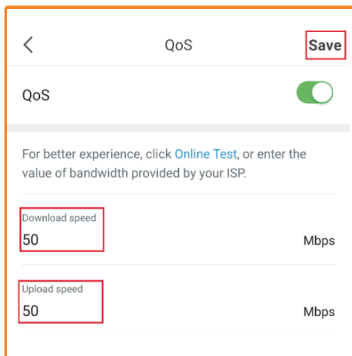
1. Open Next Wireless app. Tap on **Settings**. Then tap on QoS. With QoS function enabled, the router prioritizes smooth game and web browsing. This means, you can allocate a certain amount of bandwidth for online games and web browsing.



2. Tap on the switch to enable **QoS**. You will need to know what your download/upload speeds are. Tap on **Online Test**, it will take you to run a speed test from the Speedtest app. For this example, we will say 100Mbps download and 100Mbps upload.

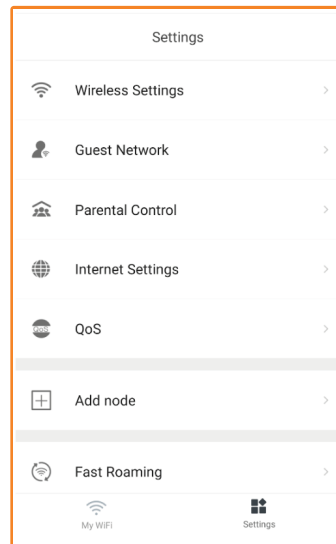


3. If you only want to allocate 50% of the bandwidth for online gaming and web browsing. Change the values to 50 on both Download and Upload. Tap on **Save**.

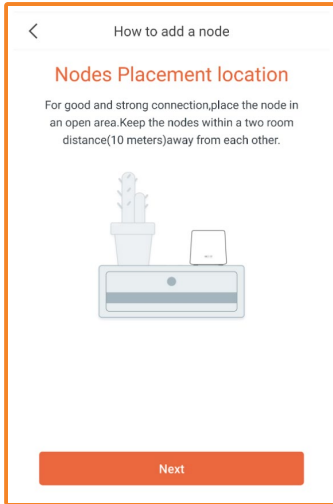


4. Run the Speedtest again, your bandwidth should be limited to 50 Mbps down and 50Mbps up.

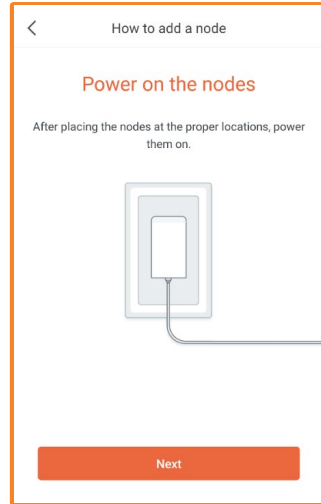
Add node – To add additional nodes, go to **Settings**.



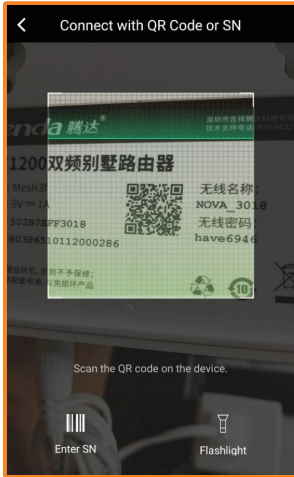
1. Place the node at the desired location in your house. They should be within 30 feet of each other. Tap on **Next**.



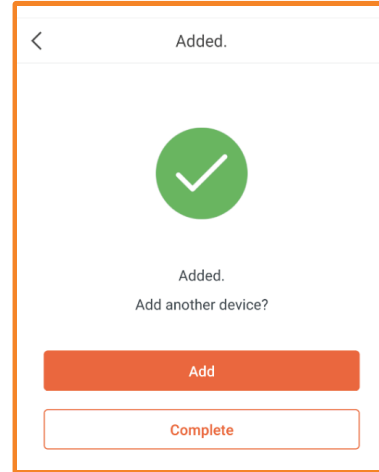
2. Plug in the power adapter to the node and the wall outlet. Wait about 60 seconds then tap on **Next**.

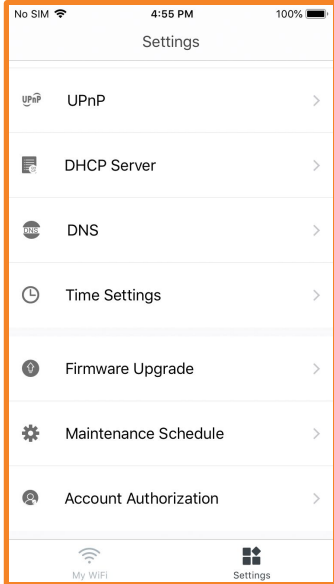


3. The QR Code scanner will come up, you will need to scan the QR code on the bottom of the node. It will automatically add it to your Vektor System.



4. Once complete, it will say it has been **Added**. If you wish to add another. Tap on **Add**, otherwise tap on **Complete** to go back to the **Main Menu**. You can add up to 6 nodes.





Settings

Fast Roaming – Allows one node to hand over clients quickly to another.

Smart Assistant – Enables you to allow home automation connections.

Port Forwarding - The port forwarding function enables users to access your LAN resources through the Internet

UPnP – Universal Plug and Play, automatically enables ports for UPnP compliant program.

DHCP server – Configure the IP addresses assigned to network devices

DNS - Configure the DNS addresses assigned to network devices.

Firmware Upgrade – If you like having the latest firmware to ensure your Vektor Mesh network is working at maximum potential, upgrade the Firmware. We recommend upgrading the Firmware every six months.

Maintenance Schedule – Schedule Vektor Mesh to be rebooted at a set time each day/week.

Account Authorization – Authorize other accounts access to your Vektor Mesh.

FCC 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 not 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 is for indoor use only.

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.

This device complies with the FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This device should be installed and operated with a minimum distance of 20 cm (8 inches) between the radiator and your body.

Caution!

The FCC warns users that any changes or modifications of the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.