



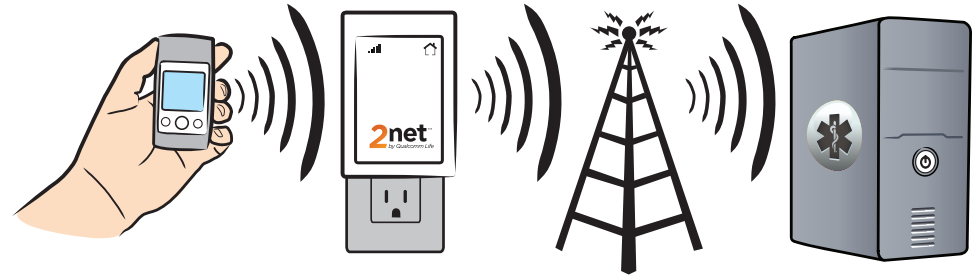
2net™ Hub User Manual

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1. 2net Hub intended use

Your 2net™ Hub is a small plug-and-play radio communications unit. It does not contain any medical sensors. It collects data from your medical devices over short-range radio communications links. It then wirelessly delivers this data over a cellular network (similar to a mobile phone) to your medical device company's website/server. The 2net Hub is easy to use and is designed for use in a residential environment. Just plug it into a standard US, electrical wall outlet at your home or office. It does not need any batteries.



IMPORTANT: 2net Hub is for home use only and not intended for hospital or emergency room use.

1.1 Use, care, and maintenance

Follow the instructions in the Quick Start Section 1.2 for how to use the 2net Hub.

The 2net Hub is not intended to be:

- A diagnostic tool
- Used for accessing the Internet
- Used in hospitals or emergency rooms
- Used for active patient monitoring

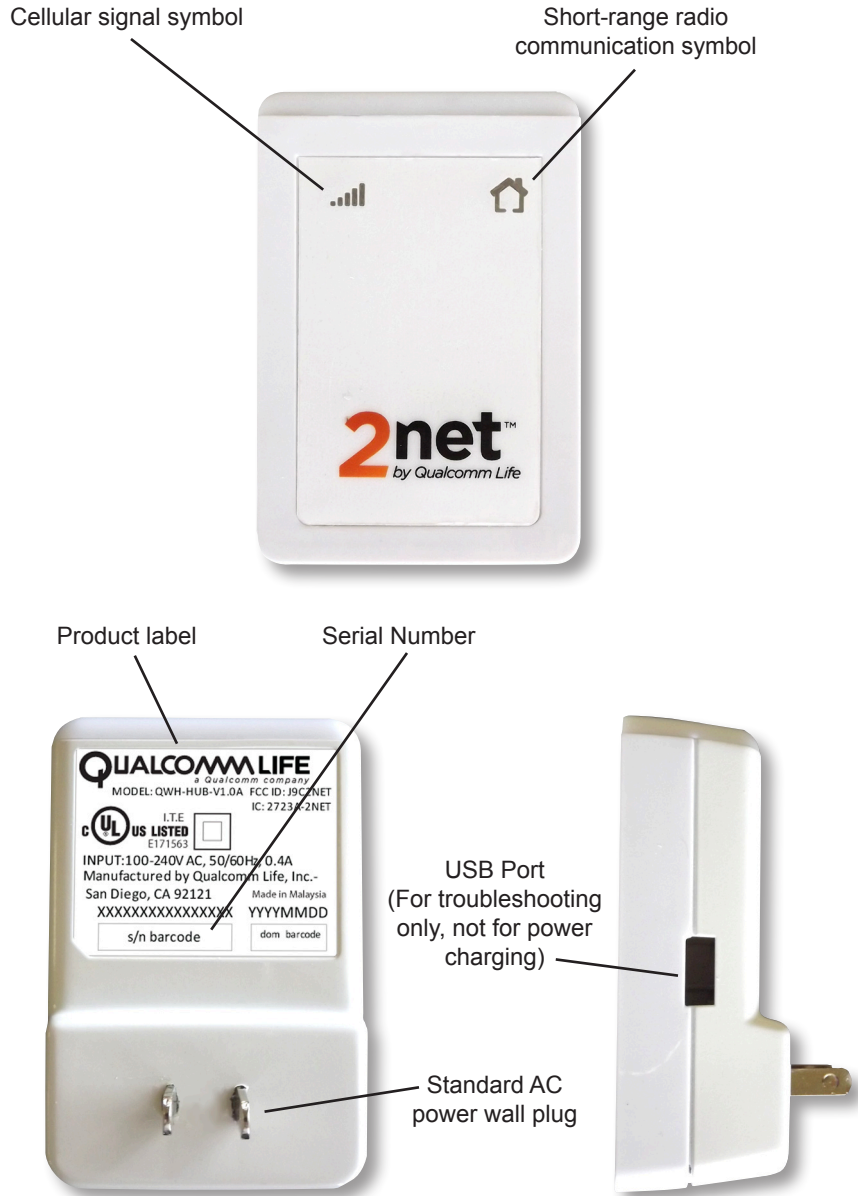
Operate the 2net Hub only as intended. Do not use the device for any other purpose.

- Do not let the 2net Hub get wet.
- Store the 2net Hub in a clean, safe place.
- Do not take the 2net Hub apart or try to repair the 2net Hub

2. Getting to know your 2net Hub


2.1 What does each part do?

Table 2-1



2.2 What do the lights mean?

There are two symbols on the front of your 2net Hub that light up in different colors to give you information.

 The bars symbol shows you the status of the cellular network signal. Table 2-2 explains what it means when this symbol changes color.


 The house symbol shows you the status of the 2net Hub's short-range radio communication links. Table 2-3 explains what it means when this symbol changes color.

Table 2-2 Cellular signal status



Symbol color	Cellular signal status 
Solid GREEN	Cellular coverage is good.
Solid YELLOW	2net Hub is starting up.
Solid RED	2net Hub needs to be reset. 2net Hub will automatically start reset process. No user intervention is needed.
Flashing GREEN	2net Hub is sending or receiving data via cellular network.
Flashing YELLOW	2net Hub is starting up; searching for cellular signal.
Flashing RED (about 10 times a second)	Cellular signal is not strong enough. Tip: Wait for up to 5 minutes to see if cellular signal is found and symbol turns solid GREEN . If not, unplug the 2net Hub and move it to a new location with better cellular coverage. Move all the medical device(s) you want to use with the 2net Hub to the same place.
Slowly flashing RED (about 3 times a second)	2net Hub is unable to deliver data to the medical device company's website/server. Please contact the medical device company where you bought the 2net Hub.
No color	No AC power is being applied to the 2net Hub, or 2net Hub is not plugged in.

Table 2-3 Short-range radio communication status

Symbol color	Short-range radio communication status 
Solid GREEN	Your medical device has successfully paired with the 2net Hub.
Solid YELLOW	2net Hub is starting. After successful start-up, the solid YELLOW light means the 2net Hub is ready to pair with medical device.
Solid RED	2net Hub needs to be reset. It will automatically start this reset process. No user intervention is needed.
Flashing GREEN	2net Hub is collecting data from your medical device.
Flashing YELLOW	2net Hub start up is in progress.
Flashing RED (about 10 times a second)	<i>2net Hub is unable to pair with your medical device. Tip: Try pairing the 2net Hub and device again. Follow the easy 3-step process in the section "Making the 2net Hub work with your medical device(s)" below. If the light is still flashing RED, please contact your medical device company's customer support.</i>
No color	No AC power is being supplied to the 2net Hub.

3. Using your 2net Hub

3.1 Plugging in the 2net Hub

To start using your 2net Hub, first plug it into a standard electrical wall outlet in the same room as the medical device(s) you want to use it with.

When you plug the 2net Hub in, you will see the two lighted symbols below turn **solid YELLOW**.



After a few seconds, both symbols will start **flashing YELLOW**; they will continue flashing for up to 5 minutes. Then you should see the symbol with the bars turn **solid GREEN**.



When this happens, the symbol with the house will turn **solid YELLOW**, indicating that the Hub is ready to "pair" with (communicate with) your medical device that was purchased with your 2net Hub.

If the bars symbol does not turn **solid GREEN** or does not stay that way, the 2net Hub is not receiving a strong enough signal from the cellular network. Please refer to Chapter 4, Troubleshooting tips.

If the house symbol ever turns **solid RED**, the 2net Hub needs to be reset. It will automatically start this reset process. No user intervention is needed.



3.2 Making the 2net Hub work with your medical device(s)

3.2.1 Pairing (wirelessly connecting) one device to the 2net Hub in 3 easy steps

NOTE: To use the 2net Hub with more than one medical device, please see Section 3.2.2, Pairing more than one device to the same Hub

Step 1:

Turn on your medical device. Look at the front of the 2net Hub. Make sure the bars symbol is **solid GREEN** and the house symbol is **solid YELLOW**.

Step 2:

The house symbol should turn **solid GREEN once the medical device and 2net Hub are paired successfully**. If the house symbol remains solid YELLOW, this indicates that your medical device is not pairing properly with the 2net Hub. Please refer to your medical device User Manual for pairing instructions.

NOTE: Your medical device might have its own "pairing" button or function. You may need to press that button or activate that function for the device to work with the 2net Hub. Please follow the instructions provided by the manufacturer of your medical device.

When the house symbol turns solid GREEN, it means your 2net Hub has successfully paired with your medical device.

Step 3:


Now your 2net Hub is ready to collect data from your medical device. It will perform this data collection automatically.

NOTE: Your medical device might have its own "transmission" button or function that you might need to activate in order to transmit data.

Whenever the 2net Hub is in the process of collecting data, you will see the house symbol start flashing **GREEN**.

When the 2net Hub has finished collecting data, the house symbol will go back to **solid GREEN**.

If the house symbol ever turns **flashing RED**, just unplug the 2net Hub, then replug it back into the same outlet.

Within a short time, you will see the bars symbol  start **flashing Green**. This means that the 2net Hub is sending the data it collected from your medical device over the cellular network. For confirmation of successful data transfer, please check your medical device company's website

If the bars symbol starts **slowly flashing RED**, it means the 2net Hub is unable to deliver the data over the cellular network. Please refer to Chapter 4, Troubleshooting tips, for help.

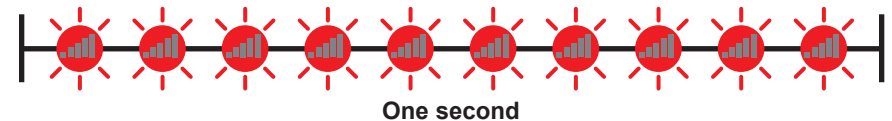
3.2.2 Pairing (wirelessly connecting) more than one device to the same Hub

For each additional medical device you want to use with the 2net Hub, please repeat steps 1 through 3 in section 3.2.1.

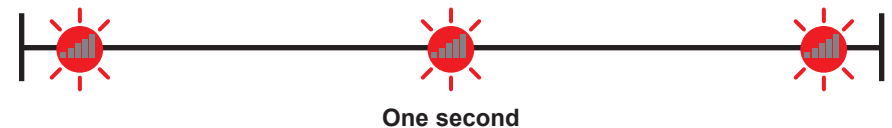
4. Troubleshooting tips

If the house symbol is solid RED, the 2net Hub needs to be reset. It will automatically start this reset process. No user intervention is needed.

If the bars symbol is flashing RED, the cellular signal is not strong enough to communicate with the 2net Hub. Wait for up to 5 minutes to see if the symbol turns solid GREEN, which means the cellular signal has been found. If the bars symbol continues flashing RED, unplug the 2net Hub and take it to another place in your home or office where the cellular signal may be stronger. Replug the 2net Hub into an electrical wall outlet there. Remember to also move your medical device(s) to the same room as the 2net Hub.



When the bars symbol is slowly flashing RED, the 2net Hub is unable to deliver data to the medical device company's website/server. Please contact the medical device company where you bought the 2net Hub.



5. Safety and usage information

BETA TESTER NOTICE: The 2net Hub has not been authorized as required by the rules of the Federal Communications Commission and Food and Drug Administration. The 2net Hub is not, and may not be offered for sale or lease, or sold or leased, until authorization is obtained.

5.1 Food and Drug Administration (FDA) classification

The 2net Hub is classified by the FDA under the definition of a Medical Device Data System (MDDS) class I device. The 2net Hub MDDS device is intended to transfer, store, convert from one format to another according to preset specifications, or display medical device data. MDDSs perform all intended functions without controlling or altering the function or parameters of any connected medical devices. An MDDS is not intended to be used in connection with active patient monitoring.

5.2 Federal Communications Commission (FCC)

The 2net Hub contains radio transmitters and uses non-ionizing radio frequencies (RF). It works within FCC radiation exposure limits for an uncontrolled environment. It should be installed and operated with a minimum distance of **8 inches (20 cm)** between the radiator (2net Hub) and your body.

Wireless devices marketed in the United States are required to meet RF exposure requirements. If you are concerned about RF exposure, there are several simple steps you can take to reduce it. You can minimize usage of the 2net Hub near your body. You can also place more distance between your body and the source of the 2net Hub, as the exposure level drops off dramatically with distance.

Follow the instructions in the **2net Hub Quick Start Guide** for how to use the Hub. The 2net Hub is not intended to be:

- A diagnostic tool
- Used for accessing the Internet
- Used in hospitals or emergency rooms
- Used for active patient monitoring

Operate the 2net Hub only as intended. Do not use the device for any other purpose.

The 2net Hub has been tested to the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The 2net Hub generates, uses, and radiates radio frequency energy and, if not installed and used according to instructions, may cause harmful interference to radio communications or be interfered with. There is no guarantee that interference will not occur in a particular installation.

If the 2net Hub does cause harmful interference to radio or television reception, which can be determined by turning the 2net Hub off and on, try to correct the interference by taking one or more of the following actions:

- Increase the distance between the 2net Hub and radio or television receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer where you bought your radio/TV or an experienced radio/TV technician.

If the 2net Hub is being interfered with, try to correct the interference by taking one or more of the following actions:

- Make sure that the outlet you have plugged the 2net Hub into is no closer than 10 ft (3 m) of a Wi-Fi access point, microwave oven, or 2.4 GHz cordless phone.
- Increase the distance between the 2net Hub and all other electronic equipment by moving the Hub to a different electrical wall outlet.
- Contact your medical device company.



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