



**QUICK  
START  
GUIDE**

# Table Of Contents

Getting Started .....	3
Device Overview .....	4
Device indicator display .....	5
Installing the SIM Card .....	7
Removing the SIM Card .....	8
Charging the Battery .....	8
Logging into Device Management Website...	9
Setting up Wi-Fi connection.....	10
Setting up your WPS .....	11
How to change the SSID & Password .....	12
Restore Factory settings .....	13
Troubleshooting .....	13
Q&A .....	14
Safety.....	16
Using Your Device .....	18
CE Declaration of conformity .....	19
SAR Information Statement .....	20
5GHz Wi-Fi Notice (Europe and Japan) .....	21
Frequency Bands and Power.....	22
Support and More .....	24

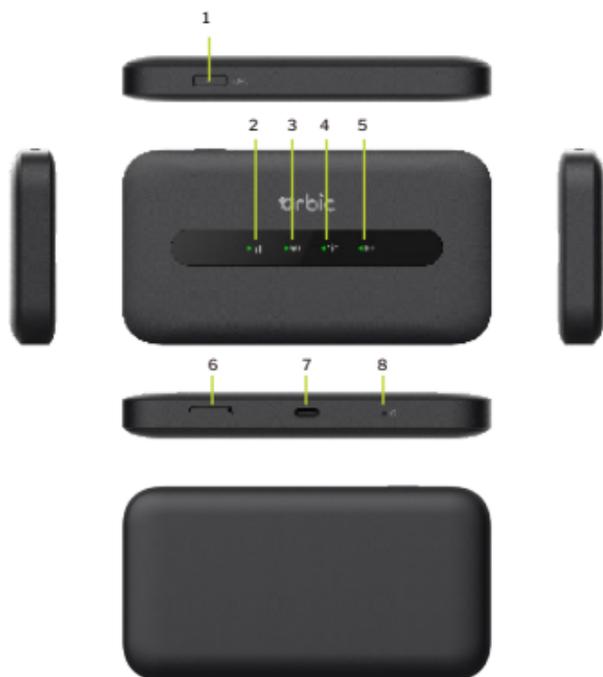
# Getting Started

Thank you for choosing the **Orbic SPEED 2®**  
**5G Hotspot.**

The device's 5G capabilities offer a secure reliable Wi-Fi connection whether you are working from home or traveling.

This guide provides the basic operations of your mobile hotspot.

# Device Overview



1. Power/WPS button
2. Signal status and Network mode indicator
3. 5G indicator
4. Wi-Fi indicator
5. Battery indicator
6. SIM slot
7. USB Type-C port
8. Hard reset

**Note:** The battery is non-removable.

## Device indicator display

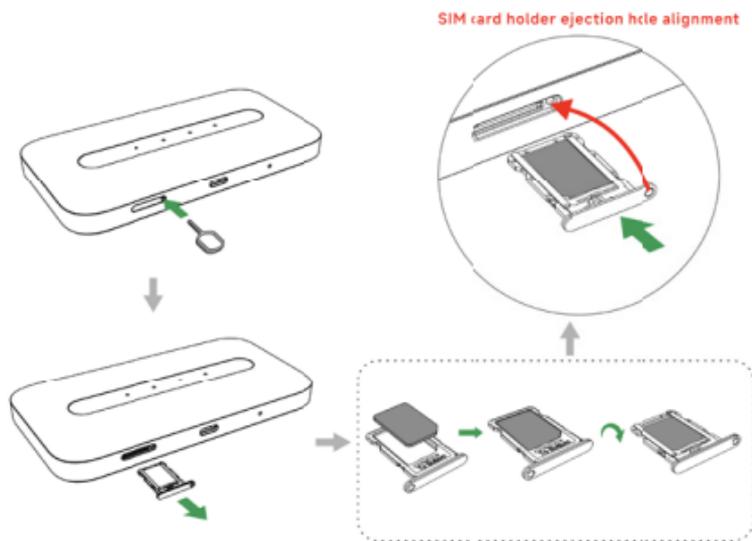
Indicator	Status
<p data-bbox="236 423 311 461">NET</p> 	<p data-bbox="453 298 871 440">Registered to 5G/4G network of strong signal: Green Steady</p> <p data-bbox="453 477 850 618">Registered to 5G/4G network of weak signal: Orange Steady</p> <p data-bbox="453 656 809 740">Not registered to any network: Off</p>
<p data-bbox="246 813 301 850">5G</p> <p data-bbox="239 873 325 927">5G</p>	<p data-bbox="453 781 897 967">Registered to 5G network: Green Steady only</p> <p data-bbox="453 878 884 967">registered to 4G network: Off</p>
<p data-bbox="228 1057 319 1094">Wi-Fi</p> 	<p data-bbox="453 1008 840 1045">Wi-Fi on: Green Steady</p> <p data-bbox="453 1078 767 1115">Wi-Fi Off: Light off</p> <p data-bbox="453 1151 781 1240">WPS pairing: Green blinking</p>

<p>Battery</p> 	<p>Battery indicator (in red and green):</p> <p>Battery <math>\geq 20\%</math>, Green Steady</p> <p>Battery <math>&lt; 20\%</math>, Red Steady</p> <p><b>When charging:</b></p> <p>Battery <math>\geq 20\%</math>, Green Blinking</p> <p>Battery <math>&lt; 20\%</math>, Red Blinking</p> <p>Power charge completed: Green Steady</p>
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# Installing the SIM Card

Follow the instructions below to install the SIM card:

1. Press the card needle to make the SIM card tray pop out.
2. Put the SIM card on the SIM card tray.
3. Insert the SIM card into the slot.



**Note:** Do not bend or scratch your SIM card, and avoid exposing the SIM card to static electricity, water or dirt.

## Removing the SIM Card

1. Ensure the device is powered off and open the SIM card cover.
2. Gently remove the SIM card from the SIM card slot and close the SIM card cover.

## Charging the Battery

Your device comes with a charger. To charge, plug one end of the charger into an electrical outlet and the other end into the device's USB Type-C Port.



**Note:** The battery is non-removable, so you do not need to install the battery.

# Logging into the Device Management website

1. Make sure your device is connected to the hotspot via Wi-Fi or USB Type-C cable.
2. Open the browser, and input **<http://192.168.1.1>** or **<http://my.OrbicSpeed/>** in the address bar.
3. Enter username and password, and click **Login**. The administrator has the right to check and modify configuration permission.

**Note:** The default **Username** is **admin**; the default **Password** is **admin**. You can find the default username and password printed on the device label on the back of the device.

## Setting up Wi-Fi connection

1. Press and hold the Power Button for 3 seconds until all four LED lights light up.
2. Look for the network (SSID) **Orbic Speed 2\_XXXX** or **Orbic Speed 2\_XXXX\_5GHz**.
3. Click **Connect** and enter the default password found on your device. Your Wi-Fi SSID and password can be found on the device label.

**Note:** for more information on using the WEB interface on the SPEED 2 5G, please download the user manual from the [Orbic.us](https://www.orbic.us) support page.

# Setting up your WPS

If your terminal support WPS, you do not have to input the password manually once your WPS has been set up.

## To use WPS please follow these steps:

1. Through WebUI: Enable WPS through **Wi-Fi > WPS**.
2. Click **Connect** button to activate the WPS function.
3. Enable the WPS function on the device being connected to the Orbic Speed 2 5G.

-OR-

1. Through WPS button: Double-click the **Power/WPS button** to activate the WPS function.
2. When WPS is activated, the Wi-Fi indicator will be green blinking.
3. Enable the WPS function on the device being connected to the Orbic Speed 2 5G.

**Note:** If there's no connection, the Wi-Fi indicator stops blinking after two minutes.

Short press the **Power/WPS button**, you will exit the WPS function.

## How to change the SSID & Password

You can change the SSID & Password through WebUI.

1. Make sure to connect your device (tablet, PC, etc) to the hotspot via Wi-Fi or USB cable. Open the browser on your device and log in to <http://192.168.1.1> or <http://my.OrbicSpeed/> using the default username and password.
2. In the webUI, select Wi-Fi>Wi-Fi Basic Settings, then you will see **Name(SSID)** and **Password**. Delete the old information you want to replace, and enter your new name and/or password.
3. Select **Apply** button, wait for the screen to display prompting **Success**, and then log out.
4. Wait for the computer or other device terminal screen to display the Wi-Fi icon. This means the wireless network connection was successful.

# Restore Factory Settings

If you are uncertain of which Wi-Fi settings you have configured or changed, you can restore the factory defaults that come with the device to reconfigure the device Wi-Fi settings.

1. Log in to the WebUI and click the **Reset** button under the Management. Reboot & Reset to restore your hotspot to its factory default settings.
2. It has pinhole type **Reset** button beside the USB port.
3. Resetting will delete all the device's user-defined Wi-Fi settings and restore all settings to their factory default values.

# Troubleshooting

If you are having trouble with the device, here are a few trouble-shooting tips:

1. If the device is not responsive, restart it. Press and hold the **Power** button for 8-10 seconds to restart it directly.
2. If restarting the device does not solve the issue, try restoring the device to its default factory settings.

## Q&A

### **Q: What do I do if I see the SSID but failed to connect?**

1. Check if the password you entered is the correct one.
2. Check if WPS security is enabled on your PC. If so, please check if the device is performing WPS operations.

### **Q: What to do if there is no service?**

The possible reasons are unstable network signal or a hardware problem.

You can try the following solutions:

1. If you are inside a building or near a structure that may be blocking the signal, change the position or location of the device. For example, try moving the device close to a window.
2. Check the hardware for any loose parts or damage.

### **Q: What to do if I have forgotten my Wi-Fi Password?**

1. You can find the Wi-Fi Password through

the **Wi-Fi > Wi-Fi Basic Settings** section on the WebUI.

2. You can also reset the device to factory defaults. The default password is listed on the device label on the back of the device.

### **Q: What if my SIM card gets locked out?**

If the SIM card is locked, log in to the WebUI (<http://192.168.1.1> or <http://my.OrbicSpeed/>) and input the PIN or PUK code you received from your service provider.

**Note:** If you entered the incorrect PIN code 3 times, the PUK will be needed, and if the wrong PUK is entered 10 times, the SIM card will be locked permanently.

### **Q: Data connection failed.**

You may be on a limited network coverage area, try to move to a different location or a better network coverage area.

# Safety

- Some electronic devices, such as the electronic system of vehicles, are susceptible to electromagnetic interference sent by your device if inadequately shielded. Please consult the manufacturer of your device before using if necessary.
- Operating your device may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20 centimeters away from such medical devices when they are turned on. Turn your device off if necessary. Consult a physician or the manufacturer of the medical device before using your device.
- Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off your device if required.
- The use of electronic transmitting devices is forbidden in aircrafts, at gas

stations, and in hospitals. Please observe and obey all warning signs and power off your device in these conditions.

- Do not touch the inner antenna area if not necessary; it will affect your device's performance.
- Store your device out of the reach of little children. Your device may cause injury if used as a toy.
- Do not touch the metallic parts of your device when the device is operating as this may cause burns.

## Using Your Device

- Please use original accessories or accessories that are authorised. Using any unauthorised accessories may affect your device's performance, and violate related national regulations about telecom terminals.
- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves; it may influence signal reception.
- Your device is not waterproof. Please keep it dry and store in a shady and cool place.
- Do not use your device immediately after a sudden temperature change. In such case, it will produce moisture inside and outside your device. Wait until it becomes dry.
- Handle your device carefully. Do not drop, bend, or strike it; your device may get damaged.
- No dismantling by non-professionals and only qualified technicians can undertake repair work.

- An operating temperature range of 32°F(0°C) to 104°F(+40°C) and humidity range of 5% - 95% are recommended.

## **CE Declaration of conformity**

Hereby, Orbic North America LLC declares that this 5G Mobile Wi-Fi, SPEED 2® 5G Hotspot is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

**<https://www.orbic.us/>**



For the full text of the EU declaration of conformity. This product can be used across EU member states.

Use the SPEED 2® 5G Hotspot in the environment with the temperature between 0°C and 40°C.

### **WEEE Recycling:**



This product should not be treated as household waste, instead it should be handed over to the applicable.

**CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

## **SAR Information Statement**

Your product is tested to comply with applicable requirements and regulations of the European Union of human exposure to radio wave.

Specific Absorption Rate (SAR) is used to measure radio waves absorbed by a body. The device complies with RF specifications when the device used at a distance of 5 mm & 0 mm from your body. The body SAR limit is 2.0 W/kg, and the limb SAR limit is 4.0 W/kg averaged over 10 gram of tissue in the European Union.

This product was tested and recorded the maximum SAR value was 1.344 W/kg for the body, 3.119W/kg for the limbs.

## **5GHz Wi-Fi Notice (Europe and Japan)**

The Wi-Fi function for Orbic SPEED 2 5G Mobile Hotspot is restricted to indoor use only when operating in the 5150 MHz to 5350 MHz frequency range.

# Frequency Bands and Power

Frequency bands in which the radio equipment operates: Some bands may not be available in all countries or all areas. Please contact the local carrier for more details:

## LTE

FDD : B1/B3/B5/B7/B8/B18/B19/B20/B26/B28:  
23 dBm±1.5

TDD: B38/B40/B41/B42/B43: 23dBm±1.5

5G NR N1/N3/N5/N7/N8/N20/N26/N28/N38/  
N41/N77: 23dBm±1.5

5G NR N40/N78/N79: 26 dBm±1.5

WLAN 2.4G: 15 dBm±2

WLAN 5G:

5150-5250 MHz: 13 dBm±2

5250-5350 MHz: 13 dBm±2

5470-5725 MHz: 13 dBm±2

## RX BAND

FDD : B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/  
B32

TDD: B38/B40/B41/B42/B43

5G NR

N1/N3/N5/N7/N8/N20/N26/N28/N38/N40/  
N41/N75/N77/N78/N79

WLAN 2.4G: 2422-2472 MHz

WLAN 5G:

5150-5250 MHz

5250-5350 MHz

5470-5725 MHz

	AT	BE	BG	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU
	IE	IT	LT	LU	LV	MT	NL
	PL	PT	RO	SE	SI	SK	UK(NI)
	CH	IS	LI	NO	TR		

**EU Regulatory Compliance** - Orbic North America LLC declares that Orbic SPEED 2® 5G Hotspot is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the declaration of conformity, visit **[www.orbic.us](http://www.orbic.us)**



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**Model Code :** O5sH13

**Model Name :** Orbic SPEED 2® 5G Hotspot

## Support and More



For how to use, or more tips and tricks on getting the most out of your new Orbic SPEED 2® 5G Hotspot, check out the guides and more information at -

[www.orbic.us](http://www.orbic.us)

