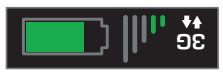
CEL-FI

CEL-FI RS2 DUAL BAND
Quick Start Guide

Step 1

Find the spot with the best 3G coverage:



The first step in setting up your Cel-Fi system is to find the spot in your home or office that has the best 3G coverage by using your phone (3G icon must be displayed). This is typically by a window, and if you are in a multi-story building, upstairs windows are usually better than downstairs windows.

Step 2

Plug in the Window Unit:

Take the **Window Unit** and one power supply out of the box (both power supplies are identical, so you can use either one). Plug the **Window Unit** into an easily accessible outlet. Check to make sure that you can see at least 1 "Bar" on the display in the center of the device. If you do not see at least 1 bar, try a different location.

Congratulations on your new indoor signal solution.

This Cel-Fi system is designed to provide you with significant improvements in coverage as well as 3G data rates.

Setting up the system is extremely simple and consists of placing and plugging in two components; a Window Unit and a Coverage Unit.

By spending just a few minutes using the instructions in this guide, you can optimize the installation and get the very most from your new Cel-Fi System. If you have any trouble during setup, please use the trouble shooting steps included in this guide.

Need Help?

Visit us at **www.celfihelp.com**
for an installation video and other helpful information regarding installation and trouble shooting.

In the package you will find:

- Window Unit
- Coverage Unit
- Two Power Adapters

This is a CONSUMER device.

BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider.

You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 inches) from any person.

You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider.

WARNING. E911 location information may not be provided or may be inaccurate for calls served by using this device.

When used with any mobile device utilizing the 1710-1755 MHz band, the FCC limits booster equipment placement to a maximum of 10 meters above ground level. Installation of this equipment which does not comply with federal requirements may subject the owner to FCC enforcement action.

NOT FOR RESALE.

Changes or modifications not expressly approved by Nextivity, Inc. could void the user's authority to operate the equipment.

NOTE: 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

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420N005-001-001-10RC

Step 3

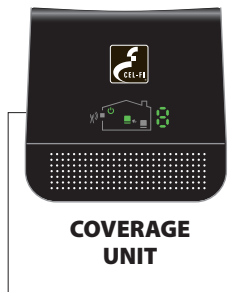
Optimize the Window Unit Placement:

The number of bars you can see on the **Window Unit** make a significant difference in the operation of the Cel-Fi system. Try moving the **Window Unit** to a couple of different spots to see if you can get a better signal; the more bars the better.

Step 4

Place the Coverage Unit:

Move to a location in your home where you need to have improved coverage. Plug the **Coverage Unit** into an easily accessible outlet. Wait until the numeric display stops cycling. This could take several minutes.



At this point you should see a green icon indicating that the unit is working properly. It is possible to place the **Coverage Unit** so far away that it cannot communicate with the **Window Unit**. If this happens, a red icon will illuminate indicating that you need to move the **Coverage Unit** closer to the **Window Unit**.

TOO CLOSE
A zero on the numeric display indicates that the **Coverage Unit** needs to be moved farther away from the **Window Unit**.

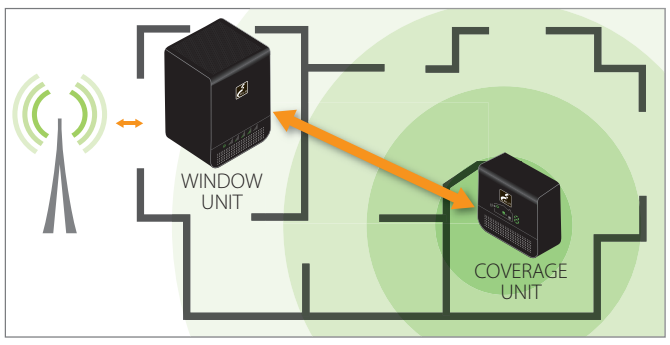
GOOD
This green icon indicates that the **Coverage Unit** is functioning normally.

TOO FAR
This red icon indicates that the **Coverage Unit** needs to be moved closer to the **Window Unit**.

Step 5

Optimize The Coverage Unit Placement:

The farther away you place the **Coverage Unit** from the **Window Unit** the better the coverage in your home, so put the **Coverage Unit** as far away from the **Window Unit** as possible. The number shown on the side of the display gives you an indication as to the quality of the placement. Test two or three locations and for best results; try and get an 8 or 9 on the display.



CEL-FI RS2 Trouble Shooting

WINDOW UNIT	Indicator	Issue	Try This
	No lights on **Window Unit** display.	There is no power.	1. Is the unit plugged in? 2. Is there power at the outlet? 3. Try exchanging the power supplies with the **Coverage Unit** to see if the power supply is defective.
	Status indicator is flashing green for more than a minute.	The **Window Unit** is attempting to select a channel between the units.	1. Wait for the status indicator to stop flashing, this could take several minutes.
	Status indicator is on solid red.	Hardware Error.	1. Try resetting the **Window Unit** by unplugging it and then plugging it back in. 2. If problem persists return system for service/replacement.
	No segment lit on signal display and status indicator on solid green.	Not receiving 3G signal.	1. Try moving the **Window Unit** to another room or area where you have more coverage. (Use your cell phone to find the best 3G coverage).
	Center three bars on signal display are flashing.	Network operator data is missing.	1. Insert operator SD card into **Window Unit**.

COVERAGE UNIT	Indicator	Issue	Try This
	No lights on **Coverage Unit** display.	There is no power.	1. Is the unit plugged in? 2. Is there power at the outlet? 3. Try exchanging the power supplies with the **Window Unit** to see if the power supply is defective.
	7 segment display is cycling for more than a minute.	The **Coverage Unit** is taking longer than normal to make a link.	1. Wait for the display to stop cycling, this could take several minutes 2. Move away from WiFi or other wireless devices.
	7 segment display shows a value of 0.	The **Coverage Unit** is "Too Close" to the **Window Unit**.	1. Move the **Coverage Unit** farther away from the **Window Unit**.
	Red "Too Far" Indicator.	The **Coverage Unit** is "Too Far" from the **Window Unit**	1. Move the **Coverage Unit** closer to the **Window Unit**.
	Red Status Indicator.	Hardware Error.	1. Try resetting the **Coverage Unit** by unplugging it and then plugging it back in. 2. If problem persists return system for service.

ERROR MESSAGES	Indicator	Issue	Try This
	E1	No 3G signal on **Window Unit**.	Try moving the **Window Unit** to another room or area where you have coverage. (Use your cell phone to find the best 3G coverage).
	E3 E4	**Coverage Unit** is overheating. **Window Unit** is overheating.	Make sure that the vents on the unit are not blocked. Move the unit to a cooler area. The system will start working normally when it cools down.
	E8	Input signal too strong.	The signal from the wireless network is too strong to use a booster.

PERFORMANCE	Improving Performance	Issue	Try This
	The key to better performance is the placement of the two units.	The **Window and Coverage Units** are too close together (low coverage number displayed), or the **Window Unit** displayed signal level could be higher.	Move **Coverage Unit** further away from **Window Unit** to achieve a coverage unit number of 8 or 9 (even placing the **Coverage Unit** at the opposite end of the house). A higher number means better coverage. You can also improve performance by moving the **Window Unit** to a location with higher signal. The more bars the better!