

# ROAM R41

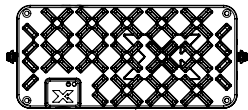
## Quick Start Guide



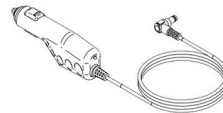
KIT#:

R41-9B-001	R41-YB-001
R41-9B-002	R41-YB-002
R41-9B-003	R41-YB-003

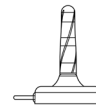
### Included In the Box



Main Unit



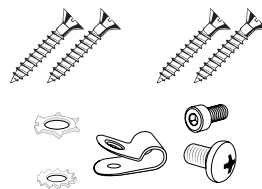
Automobile Auxiliary Power Adapter



Mobile Donor Antenna\*



Server Antenna\*



Mounting Hardware



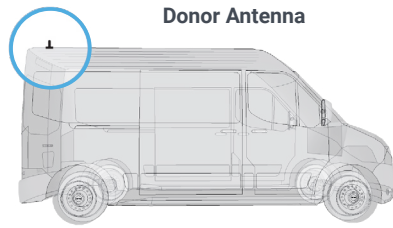
Ground Cable

# Quick Installation

**IMPORTANT:** Your **CEL-FI GO G41** is electronic equipment. The **CEL-FI GO G41** must be kept indoors and in a dry, cool, well ventilated area.

# 1

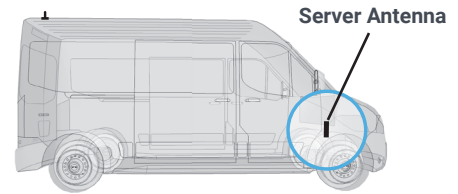
## Install Donor Antenna



Mount your **Donor Antenna** on the exterior and towards the rear of your automobile or boat, depending on the design and type of vehicle. Make sure you consider the cable connection to the **Main Unit** with your location choice. **Note:** For best performance, ensure there is 50 cm of metal around the base of the antenna.

# 2

## Install the Server Antenna

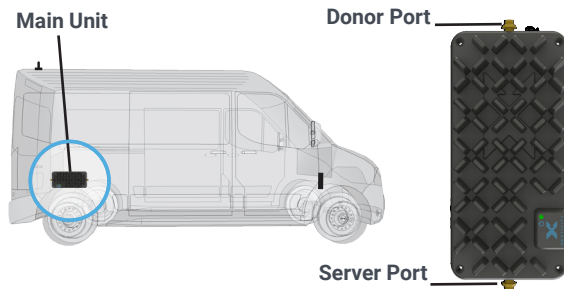


Install the **Server Antenna** in the cabin/deck towards the front of the vehicle where coverage is needed. Make sure to mount the **Server Antenna** horizontally.

**Note:** The **Donor Antenna** should be separated/isolated as far away as possible from the **Server Antenna**, greater separation provides the best performance.

# 3

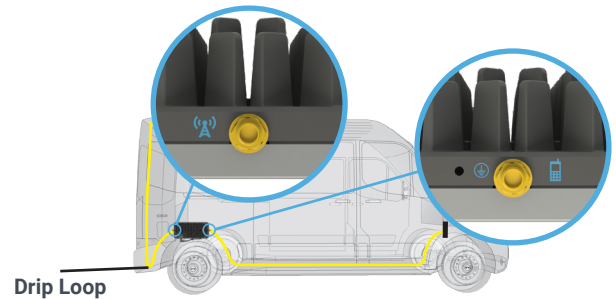
## Select the Main Unit Location



Find a suitable location to securely mount the **Main Unit**. When installed, the **Main Unit** should have airflow and be in a position that doesn't contact other objects. Make sure the location provides enough distance for all the cables to connect. It's best to ensure all cables reach desired locations **BEFORE** mounting the device.

# 4

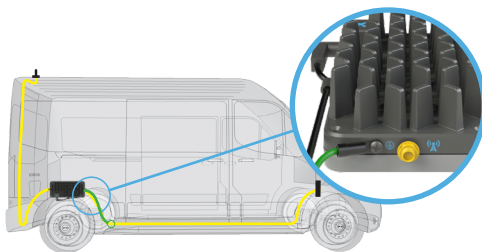
## Attach Server and Donor Antennas



Attach the **Donor Antenna** and **Server Antenna** to the **Main Unit**. **Note:** Adding a drip loop to the **Donor Antenna** cable is crucial as it prevents water from flowing down the cable and damaging the Main Unit's electronic equipment.

# 5

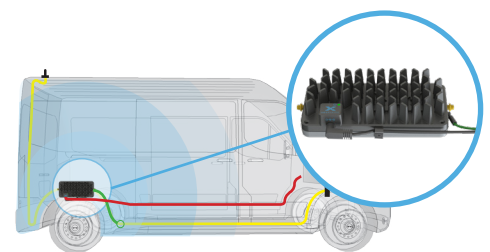
## Install Ground Cable



Using the provided M3 screw, attach one end of the ground cable to the **Main Unit** and the other end to the chassis of the automobile or boat.

# 6

## Plug in the Main Unit



Using the provided M3 screw, attach one end of the ground cable to the **Main Unit** and the other end to the chassis of the automobile or boat.

Download the **WAVE App** to monitor and manage the status of your **ROAM R41**.

Scan to Download

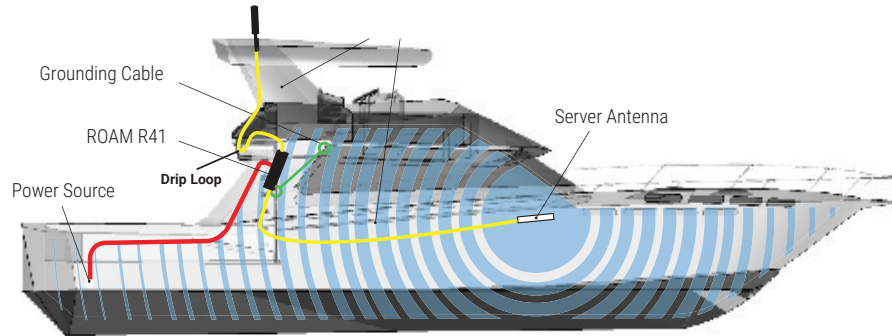


Download the **MyWave App** to set your **ROAM R41** to automatically track the base station to which your phone is connected.

Scan to Download



## Marine Installation



Model#	Bands Supported	Link	Output Power (dBm)
R41-YB	1/3/5/7/8/26/28L	Downlink	0
		Uplink	22
R41-9B	1/3/7/8/20	Downlink	0
		Uplink	22
Power/Status LED Indicator			
LED Behavior		Translation/Error State	
No light		Device is powered OFF	
Solid Orange		Device is powered ON	
-		Device is booting up	
Slow blinking green		Device is band scanning to acquire network signals	
Solid Green		Device is operating normally and providing coverage	
Solid Red		Hardware Error (ES1)–Disconnect & Reconnect	
Flash RED 1 time & OFF for 4sec		Device is not receiving signal from the cellular network (ES2)	
Flash RED 2 times & OFF for 4sec		Donor input signal is too strong for the device (ES4)	
Flash RED 3 times & OFF for 4sec		Device's server antenna is too close to donor antenna (ES7)	
Flash RED 4 times & OFF for 4sec		Device is disabled by the operator (ES9)	
Flash RED 5 times & OFF for 4sec		Device location lock pending (ES10)	
Flash RED 6 times & OFF for 4sec		Device registration pending (ES11)	
Flash RED 7 times & OFF for 4sec		Device Self-Test Failed (ES12)	