

# How it works

## goTenna turns your smartphone into an off-grid communication tool.

It generates its own signal, which means exactly zero cell towers, wifi or satellites are required! In fact, goTenna will even work if your phone is in "Airplane Mode"!

Use goTenna when you're off-grid — outdoor activities, crowded events, travel, emergencies — or when you want to be, because it's end-to-end encrypted.

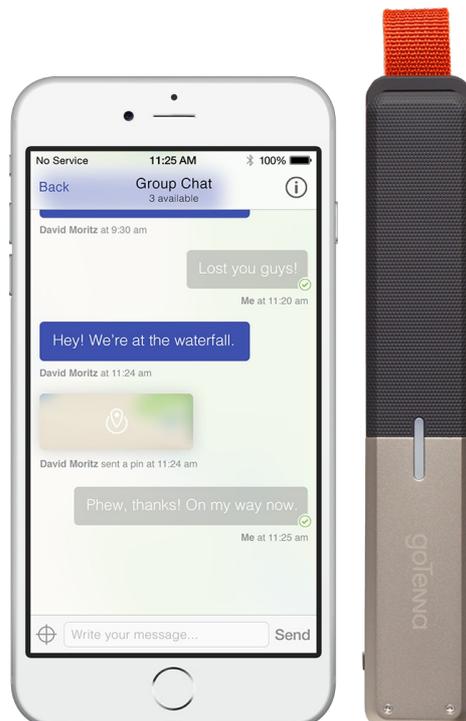
## The 4-step recipe for goTenna magic:

### 1. Pair with iOS or Android

Your smartphone and goTenna wirelessly connect over Bluetooth-LE, as long as they're within ~30 feet of each other.

### 2. Use the easy goTenna app

Type out texts or share a location, just as you would in any familiar app. Chat 1:1, with a group, or even broadcast to all users within range.



### 3. Generate an off-grid signal

When you hit "send," goTenna shoots out long-range VHF radio waves (151-154 MHz) to your intended recipient(s). Your message is delivered in-app at the other end.

#### 4. Create your own network(s)

goTenna is smart and automatically coordinates with other units within range. It does all the heavy-lifting so you can communicate on your own terms, no matter what.



### What is the likely range?

The most important thing to understand about goTenna's range is it's greatly dependent on your terrain and elevation. Below are the likely ranges in common scenarios:



**URBAN AREAS**  
Up to 1 mile

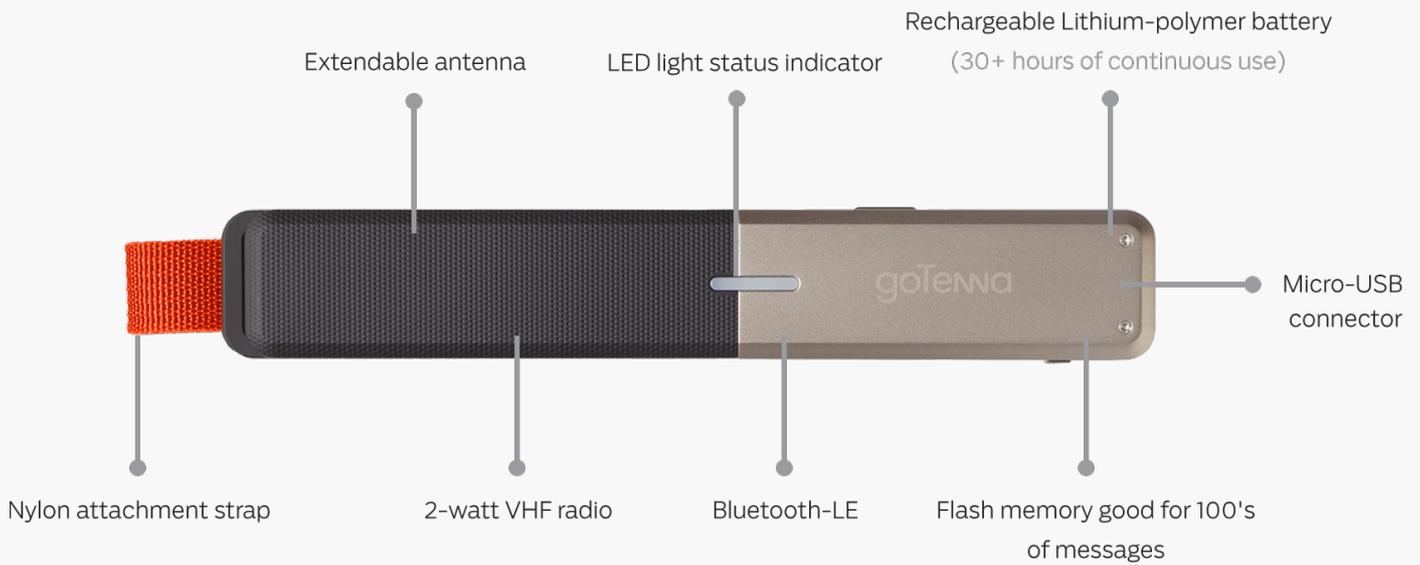


**MOST OUTDOOR SCENARIOS**  
1-4 miles, on average

As stated, these are likely ranges, but you can get more or less. The more elevated you are and/or the more open the geography you're in, the greater your range can be — and vice-versa.

And while goTenna is a powerful little radio system, it's still subject to the laws of physics. If you're inside an elevator, on the subway or in a basement, you'll probably only be able to reach people who are there with you. ;-)

## What's inside goTenna?



[View all Features](#)

## Pre-order goTenna

Get yours first! goTenna comes in twos — one for you, and another to share with a friend — so you can stay connected to each other and anyone else who has goTenna.

Starts shipping in late summer 2015.  
Orders placed now will ship in the fall.

[Pre-order TWO Devices](#)

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