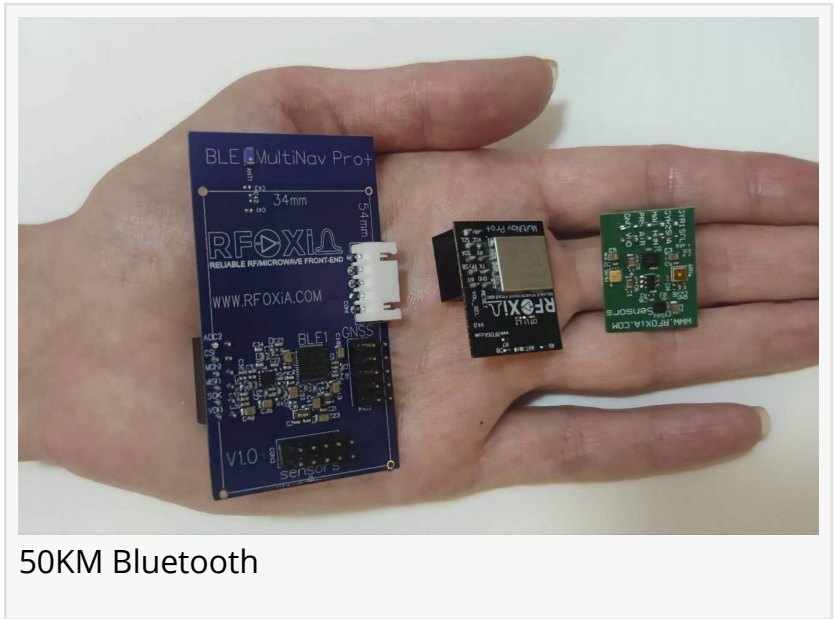


# RFOXiA Launches Game-Changing BLE Module with Unprecedented 50KM Range

*Dual-Core Power, Real-Time Data, and Seamless Connectivity for Drones, Robotics, and More*

CLAYMONT, DE, UNITED STATES,  
December 4, 2024 /EINPresswire.com/  
-- RFOXiA Launches Game-Changing  
[BLE](#) Module with Unprecedented 50KM  
Range  
Revolutionary Wireless Technology  
Designed for Makers, IoT Enthusiasts,  
and Engineers



50KM Bluetooth

RFOXiA, a leading innovator in hardware solutions, has officially launched its MultiNav Pro+ BLE Module, a revolutionary new product now available on [Kickstarter](#). This cutting-edge Bluetooth Low Energy (BLE) module is redefining the possibilities of wireless communication with its 50KM long-range capability, 2Mbps data rate, and advanced RF customization options.

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50KM Bluetooth Range & 2Mbps Speed: MultiNav Pro+ BLE redefine range and speed”

*Moamen.M*

The MultiNav Pro+ BLE Module empowers developers, engineers, and IoT enthusiasts to build applications previously thought impossible for Bluetooth technology. Its ability to bridge massive distances with ultra-reliable data transmission opens up new frontiers for industries like drones, robotics, sensor networks, industrial IoT, agriculture, and more.

## Breaking the Barriers of Bluetooth Technology

At the heart of the MultiNav Pro+ BLE Module is a powerful feature set designed to deliver an exceptional RF experience:

**50KM Long Range:** Achieved through optimized RF design, external amplifiers, and advanced receiver sensitivity.

2Mbps High-Speed Data Rate: Ensures smooth, lag-free communication over vast distances.  
Configurable RF Parameters: Users can adjust transmitted power, receiver sensitivity, bandwidth, and external RF components, making it ideal for challenging environments.  
Compact Design: At just 66mm x 38mm, it integrates seamlessly into virtually any project.  
The module also integrates with RFOXiA's other innovative technologies, including the MultiNav Pro+ GNSS Module for high-accuracy positioning and the MultiNav Pro+ Sensors Module, which features a suite of environmental sensors like accelerometers, gyroscopes, magnetometers, air quality sensors, and more. Together, these modules form a powerful ecosystem for advanced IoT development.

#### Stretch Goal: Drone and Robotics Control App

In an exciting stretch goal, RFOXiA has announced that if the [campaign](#) reaches \$20,000, the company will develop a dedicated Drone and Robotics Control App for both Android and iOS. This app will allow users to harness the full potential of the BLE Module's long-range capabilities for controlling drones and robots seamlessly over Bluetooth.

#### Empowering Makers and the IoT Community

"This module is more than just hardware," said Moamen Mohamed, CEO of RFOXiA. "It's a tool to inspire innovation and creativity. By breaking the limits of what Bluetooth can do, we're empowering makers, engineers, and developers to build the future of IoT and long-range communication. Whether you're working on autonomous drones, robotics, or remote sensors, this module gives you the freedom to create."

#### Kickstarter Success

The MultiNav Pro+ BLE Module has already been recognized as a "Kickstarter Project We Love," a distinction awarded to outstanding and innovative campaigns. The campaign has quickly gained traction, reaching its initial funding goal in record time.

The module is available on Kickstarter starting at \$25, with additional bundle options for combining it with the GNSS and Sensors modules.

#### Join the Revolution

The MultiNav Pro+ BLE Module campaign is live now on Kickstarter and runs until end of December. To learn more, support the campaign, or pre-order your module, visit the [campaign page](#)

#### About RFOXiA

RFOXiA is a hardware design house specializing in creating innovative, high-performance solutions for makers, engineers, and IoT enthusiasts. With a focus on pushing the boundaries of wireless communication, positioning technologies, and environmental sensing, RFOXiA is dedicated to empowering the tech community with tools to build the future.

Moamen Mohamed

RFOXiA

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