RISING CONNECTION

CEL-FI by NEXTIVITY™

Cel-Fi RF Installation Tool

Cel-Fi COMPASS

The Cel-Fi COMPASS is a SMART RF spot scanning tool for outdoor and indoor that enables installers and integrators to better design, install and optimise Cel-Fi equipment. COMPASS is capable of scanning on the spot commercial cellular bands and technologies as well as LMR P-25 and FirstNet Bands. COMPASS is also capable of measuring Cellular data throughput speed with versatile reporting capabilities.

Key Features

- Handheld RF installation tool
- Cel-Fi WAVE PRO is the app leveraged as the user-interface (Android & iOS)
- Commissions Cel-Fi QUATRA
- Deep 3G/4G LTE service scanner
- 698–2700 MHz

- Rugged rubberised exo-skeleton
- Battery-powered
- FDD/TDD Support
- SMA-RP connectors

Cel-Fi WAVE PRO

The Cel-Fi COMPASS is controlled by the Cel-Fi WAVE PRO app via Bluetooth LE. The Cel-Fi COMPASS can also connect via Ethernet to the Cel-FI QUATRA Network Unit. The app is free to download from the iOS App Store and Android Play Store.

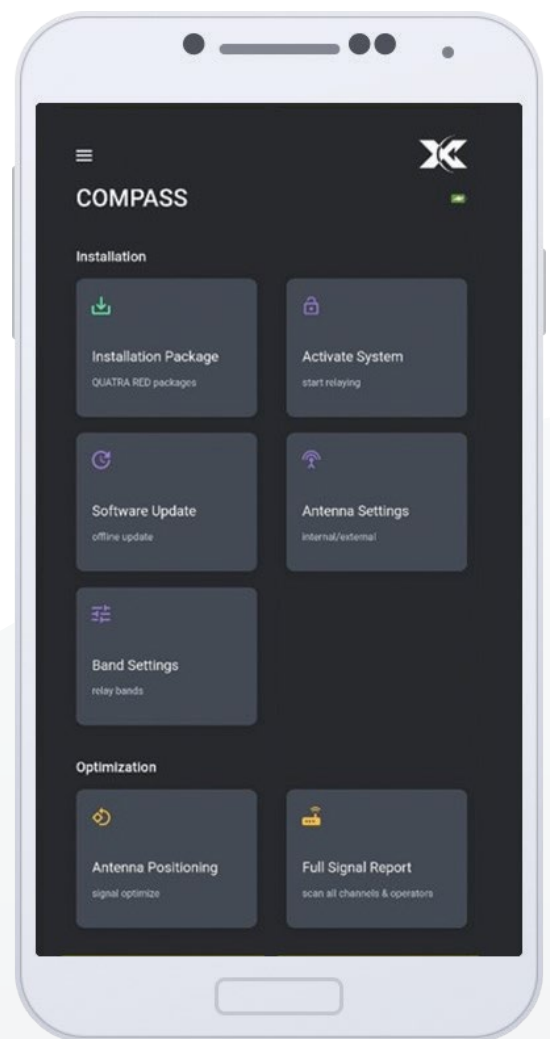## Installation Features (when connected to a Cel-Fi QUATRA):

• Activate/Deactivate the system

• Update software

• Change Antenna Settings

• Set the bands to relay

• Change IP Settings

Optimisation Features:

• Antenna Position test (when connected to a Directional Antenna with the Cel-Fi Antenna Mount)

• Full Signal Report (when connected to an Antenna)

• Operator Signal (when SIM card inserted)

• Speed Test (when SIM card inserted)

Exporting Features:

• Export the Full Signal Report as a .csv

• The report includes key Operator Network parameters: Operator, RSSI, RSRP, RSRQ, Frequency, Band, PCI and more.

Cel-Fi WAVE PRO is available on both smartphones and tablets from the following app stores:

Download on the **App Store**

GET IT ON **Google play**

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SPECIFICATIONS

- **Main Processor:** Single Board Linux Computer
- **Main Processor:** 1000 Mbps full duplex
- **Battery Charger:** Included
- **Rechargeable Battery:** 8000 mAh, 3.7V
- **Accuracy:** +- 2dB
- **Repeatability:** +- 2dB nominal, +- 3dB worst case
- **SIM Access:** Yes
- **Charging Micro:** USB
- **LAN Port:** RJ45
- **Main Antenna:** Reverse-polarity SMA-Female
- **MIMO Antenna:** Reverse-polarity SMA-Female

- **Power Button:** Yes
- **LED's:** Power, Status, Charging
- **Antenna Adaptors:** RP-SMA Male to N-type Female, RP-SMA Male to QMA Female
- **Whip Antenna:** 600 MHz–2.7 GHz
- **5V, 2A USB Charger:** Included
- **Industrial Design:** Over-moulded Rubber
- **Dimensions (HxWxL):** 35 x 54 x 172 mm
- **Certifications:** FCC, CE
- **Package Content:** Cel-Fi COMPASS, WHIP antennas, Wall charger, Soft Case, Adaptor (SMA to N-type and SMA to QMA-F)

ORDERING INFORMATION

Product Code	Band Support
K03-100-101 (Global Version)	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28, LTE TDD: B38/B39/B40/B41, UMTS: B1/B2/B4/B5/B6/B8/B19

Why Rising Connection is using equipment designed and built by Nextivity?

- Designed and built for the most varied conditions in the world including Australian environment.
- Worldwide proven and respected Industry Experience including in the Australian Telecommunications Industry.
- Expertise support and customer focused staff.
- Up to date with technology and bringing to market the best quality technology available for Reliable Commercial use

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.