



## Smart Signal Booster



# CEL-FI™ GO X

### Cel-Fi GO X for Buildings and Remote Places. Built for indoor / tough to reach spaces.

The Cel-Fi GO X Smart Signal Booster is designed to improve voice and data coverage for 3G / 4G / 5G in an indoor area of 15,000 ft<sup>2</sup> / 1,400m<sup>2</sup>. The Cel-Fi GO X is IP65 rated, weather resistant and does not interfere with other wireless devices. Cel-Fi GO X is cost effective and easy-to-setup for users and installers.

- Licence exempt and fully comply of Ofcom's UK Interface requirement 2102 (IR2102) and ComReg S.I.No.283 of 2018 (Ireland)
- IP65 rated, weather resistant

- 100 dB max signal gain in an area approximately 15,000 ft<sup>2</sup> / 1,400 m<sup>2</sup>
- Available for O2, EE, Three, Vodafone and all Mobile Virtual Network Operators
- Can easily switch between mobile networks via the Cel-Fi WAVE app
- Carrier approved, boosts 3G / 4G / 5G simultaneously
- Smart Signal Booster with IntelliBoost© Chipset - Unconditionally Network Safe
- Remote monitoring and management with the Cel-Fi WAVE app

## Features

### Cel-Fi WAVE Portal

- A dashboard overview of all your systems
- Data and performance metrics sent by the WAVE App to the WAVE Portal
- Software update management
- Users and group management

### Network Safe

Self-organising edge intelligence ensures that Cel-Fi GO X do not interfere with other indoor wireless products such as Wi-Fi routers, Small Cells, and Distributed Antenna Systems (DAS).

High speed Automatic Gain Control ensures that Cel-Fi GO X are unconditionally network safe, and enables more simultaneous calls and higher data speeds.



# CEL-FI GO X

### IntelliBoost™ Chipset

The Nextivity IntelliBoost™ baseband processor is the first six-core processor designed specifically to optimise the indoor transmission and reception of 3G / 4G / 5G wireless signals.

With advanced filtering, equalisation and echo-cancellation techniques, Nextivity has developed an architecture which delivers unprecedented in-building data rates and pervasive 3G / 4G / 5G connectivity. The IntelliBoost™ processor ensures that Cel-Fi products never negatively impact the mobile network while providing maximum coverage.

### Power

9.6 – 16.5V  
2A current draw  
16W nominal power consumption

### Environmental

Operating temperature: 0° to 65°C  
Convection Cooling  
Relative humidity: 0% to 95%, noncondensing  
RoHS 2 (European and China compliant)  
WEEE  
IP65 rated, weather resistant  
Surface Temp at any point (30° ambient): 53°C

### Installation

Mounting hardware included

### Radio Performance

The GO system can boost up to two (2) bands concurrently. Either profile can be selected:  
A) One (1) high band boost and one (1) low band boost or  
B) Two (2) high bands boost

### Antenna Ports

*(Donor and Server)*

699 – 2180 Mhz  
Impedance: 50 Ohm  
Return Loss: 8 dB  
Output Protection

### Physical Specifications

GO X  
96.5x43.25x272.5mm

### DC Power Plug and Jack

4 rated power plugs and jack

### Compliance

*(check individual product version for specific regional compliance)*

Licence-exempt and fully comply with Ofcom's UK Interface requirement 2102 (IR2102) (UK) and ComReg S.I.No.283 of 2018 (Ireland)

### System Management

*(software)*

Supports Cel-Fi WAVE cloud portal

Cel-Fi WAVE Portal capability:

- Status (list and map)
- Commissioning
- Diagnostics
- Software Updates
- Settings
- Reporting
- Alarms & Notifications

### Antenna options\*



Wideband Directional Antenna



Wideband Indoor Omni Antenna



Wideband Panel Antenna

\* Compatible Antennas for Cel-Fi GO X are available to purchase separately