

# SafetyNet™

COMMUNICATE INNOVATE LOCATE

## SafetyNet™ **LOCATOR**

Kenwood NX3000  
Series Compatible –  
KEN1 Safetynet  
Locator Module



## KENWOOD

### Key Features

- Fits directly onto the accessory connector – no modification required
- Sealed to IP54
- Secure and seamless transmission of location data from fixed beacons
- Supports both tracking and polled modes
- External mounting for improved reception and performance
- Dual-jack design enables lower-cost peripheral compatibility
- Programmable for future feature upgrades
- Built on proven technology

**The Kenwood NX3000 range of DMR and NEXEDGE digital radios can now be fitted with a KEN1 module, enabling seamless location data transmission to the SafetyNet Locator system.**

This professional-grade module attaches externally via the accessory side connector and provides connectivity to standard Kenwood accessories using the dual jack plug range of products. It provides a robust, secure, and interference-resistant alternative to conventional Bluetooth-based location solutions.

# Indoor & Outdoor Positioning

The KEN1 module is compatible with Kenwood DMR and NEXEDGE radios equipped with GPS (MD) options, enabling comprehensive indoor and outdoor tracking. It receives signals from fixed-location beacons and relays this data over the radio network to SafetyNet Locator for real-time personnel monitoring.

Originally developed for Liverpool Museums, the KEN1 offers a more reliable and professional alternative to mass-market Bluetooth beacons, which are vulnerable to interference and jamming in crowded RF environments.

## Specifications

### Modes of operation:

Tracking	Module updates on receipt of a new beacon signal
Polled	Module updates only when requested by SafetyNet
Programming:	PMR Programming Pod and Test unit
Weight:	15g
Dimensions:	50(l) x 20(w) x 22(h) mm (to top of locking mechanism)
Construction:	ABS plastic housing IP54 sealed with positioning tab Screw-locking mechanism
Receiver type:	IEEE802.15.4
Receiver frequency:	2.4–2.5 GHz
Current consumption:	20mA receive, 2.6uA standby
Compliance:	ETSI EN 300 328 v1.7.11 CFR 47 FCC Part 15



209-185-pdf-SafetyNet Locator Receiver for Kenwood DMR/NXDN – KEN1 1v00a

