

SafetyNet™

COMMUNICATE INNOVATE LOCATE

SafetyNet™ **LOCATOR**

Kenwood NX3000
Series Compatible –
KEN1 Safetynet
Locator Module



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

KENWOOD

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

