

## TEK-CARE® 500 LOCATOR

### APPLICATION

The NC512 (NC-512) is a high power locator for the Tek-CARE®500 Wireless Emergency Call System. The NC512 locator provides general transmitter location information for the Tek-CARE®500 system.\*

The locator's range makes it a practical wireless resident/patient locating solution for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects. Wireless radio protocols and Signal Synchronization Technology™ allow the locator to act intelligently, distinguishing between virgin and retransmitted signals—so that the NC512 doesn't retransmit signals received from NC511 Repeaters or other NC512 Locators. This ensures that the NC510 Receiver is sent accurate location information.

### FEATURES

- Wireless alarm location enhancement
- Easy to install—just mount and plug in
- Supervised radio link to home receiver
- Attractive enclosure for indoor use
- Provides general location of calling transmitters

### SPECIFICATIONS

**Dimensions:** 3.60"H × 6.38"W × 1.10"D  
(91 mm × 162 mm × 28 mm)

**Weight:** 5.3 oz.

**Power Required:** 14VAC (14VAC @ 20 VA transformer included)

**Current:** approximately 70 mA typical consumption

**Environment:** 0°–60°C and up to 95% non-condensing relative humidity

**Range:** 4 Miles Open Field Transmission Range

### REQUIRED COMPONENTS

Tek-CARE®500 Wireless Emergency Call System

### ACCESSORIES

IH-511 Weatherproof Housing  
BA-510 Backup Battery

*TekTone® has designed Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior permission has been obtained. A site survey must be performed and submitted before ordering a Tek-CARE®500 system. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty numbers will also be required when requesting technical support.*



NC512  
Locator

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The locator shall be TekTone® NC512 or approved equal as supplied by LEE DAN®.

The locator shall determine the general area from which an alarm transmission is sent and shall transmit that information to the NC510 Receiver and NC511 Repeaters. The NC512 Locator shall not retransmit signals received from NC511 Repeaters or other NC512 Locators, to ensure that the NC510 Receiver is sent accurate location information. Alarm signal locations from transmitters shall maintain reliably with multiple locators in the system.

The locator shall provide at least 200 milliwatts of effective radiated RF power. The locator shall not require a home-run wire back to the receiver or a repeater. A locator shall not echo supervision signals; therefore, it must not be used where a repeater is required.

\* Use to determine the approximate location of roaming transmitters. Not recommended for use in multi-story buildings.