

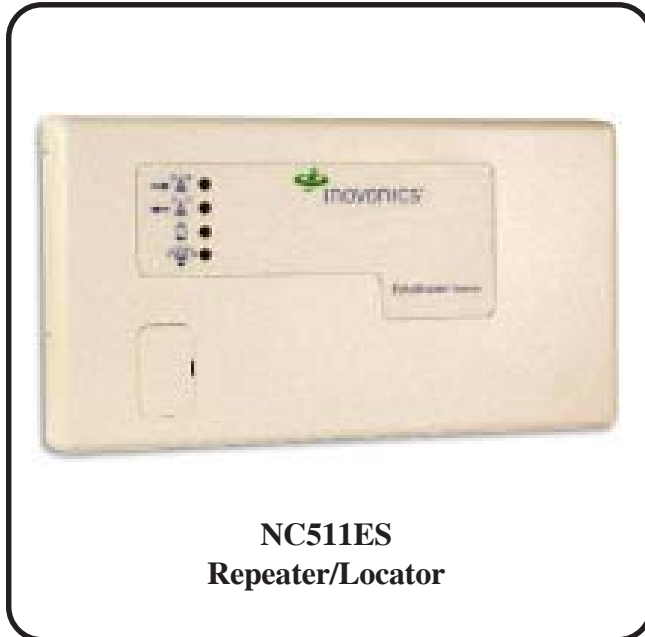


Product Specification Sheet



APS718

Rev. 1 - 12/2009



**NC511ES
Repeater/Locator**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Repeater/Locator(s) shall be Alpha Communications®/TekTone NC511ES or approved equal. The Repeater shall increase the alarm transmission range, and shall provide at least 200 milliwatts of effective radiated RF power. It shall also determine the general area from which an alarm transmission is sent, and shall transmit that information to the NC510ES Receiver and/or other NC511ES Repeater/Locators. Alarm and supervisory check-in signals from transmitters shall be maintained reliably with multiple repeaters in the system. The repeater/locator shall not require a home-run wire back to the receiver or panel.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501ES 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 written permission has been obtained. 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 NC501ES warranty number will also be required when requesting technical support.

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NC511ES Repeater/Locator

The Alpha Communications® NC511ES is a high power repeater and locator for the Tek-CARE®500 Wireless Emergency Call System. The NC511ES repeater/locator allows greater distances between the Tek-CARE®500 Transmitters and Receiver, and also provides general transmitter locator information. Its range makes the receiver/locator a practical solution for open-air installations such as campuses, multi-wing buildings, and other large wireless projects. The NC511ES uses signal strength to distinguish between virgin and retransmitted signals, to ensure that the NC510ES Receiver is sent accurate location information. Wireless radio protocols and Signal Synchronization Technology™ allow the repeater/locator to act intelligently, amplifying transmissions from any Tek-CARE®500 transmitter, while ignoring background noise.

FEATURES

- Enhances wireless transmission range
- Provides general location of calling transmitters
- Signal synchronization processing to minimize excessive signal generation
- Easy to install - just mount and plug in
- Supervised radio link to home receiver
- Includes integral backup battery

SPECIFICATIONS

- Dimensions:** Height: 3.50" (89mm)
Width: 6.60" (166mm)
Depth: 1.00" (26mm)
- Weight:** 7.14 oz.
- Power Required:** 12-16.5 VAC or VDC (transformer included)
- Backup Battery:** 2450mAh @3.7V lithium-ion (included)
- Battery Time:** Up to 24 hours (varies depending upon repeater usage)
- Environment:** -4°F-140°F and up to 90% non-condensing relative humidity

REQUIRED COMPONENTS

- Tek-Care®500** Wireless Emergency Call System

OPTIONAL COMPONENTS

- IH511** Weatherproof Housing (surface)
BA511 Replacement Backup Battery

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.