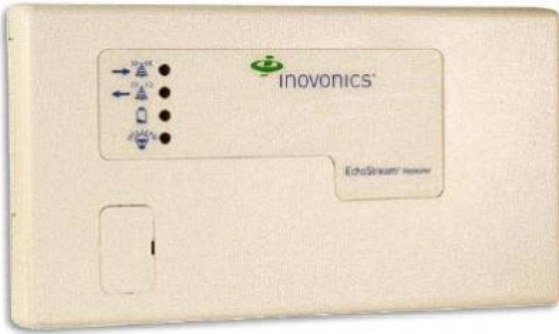




NC511ES Wireless Repeater/Locator Unit (TC500 Series)



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 (**TC500**) 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.

NC511ES Repeater/Locator

The Alpha Communications® / TekTone **NC511ES** is a high power repeater and locator for the Tek-CARE@500 (**TC500**) 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 re-transmitted 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) Up to 24 hours (varies depending upon repeater usage)
Environment:	-4°F-140°F and up to 90% non- condensing relative humidity

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