Features

- UL® 2560 Listed
- Enhances wireless transmission range
- Provides general location of calling transmitters
- Signal synchronization processing minimizes excessive signal generation
- Easy to install — just mount and plug in
- Supervised radio link to home receiver
- Includes integral backup battery

NC511UL Repeater/Locator

Description

The NC511UL is a high power repeater and locator for the Tek-CARE®500 Wireless Nurse Call System. The NC511UL repeater/locator allows greater distances between the Tek-CARE500 Transmitters and Receiver, and also provides general transmitter location information. Its range makes the repeater/locator a practical solution for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects.

The NC511UL Repeater/Locator uses signal strength to distinguish between original and retransmitted signals, to ensure that the NC510UL Receiver is sent accurate location information. Wireless radio protocols and Signal Synchronization Technology™ allow the repeater/locator to act intelligently, amplifying transmission from any Tek-CARE500 transmitter while ignoring background noise.

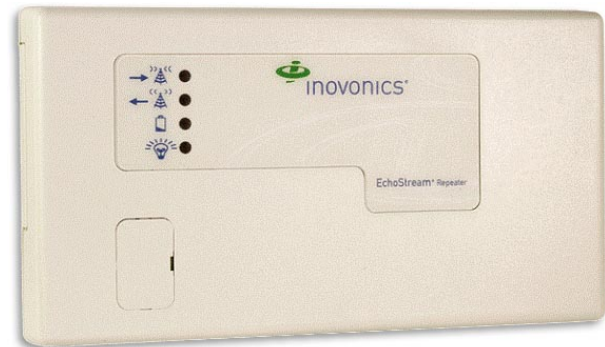## Required Components

Tek-CARE®500 Wireless Nurse Call System

Optional Components

IH511 Weatherproof Housing

Listings

UL® 1069, UL® 2560, and cUL® listed to CSA C22.2 No. 205; UL® File Number E71599.

Specifications

Dimensions:	3.5"H × 6.5"W × 1"D (89 mm × 165 mm × 25 mm)
Weight:	7.14 oz.
Environment:	-4°F to 140°F, 0% to 90% non-condensing relative humidity
Power:	12–16.5 VAC or VDC (transformer included)
Backup Battery:	2450 mAH @ 3.7V lithium-ion (included)
Backup Time:	Up to 24 hours (varies depending upon repeater usage)

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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-CARE500 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 Tek-CARE Server warranty numbers will also be required when requesting technical support.

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TekTone's quality system is registered by DQS to the ISO 9001:2015 standard.