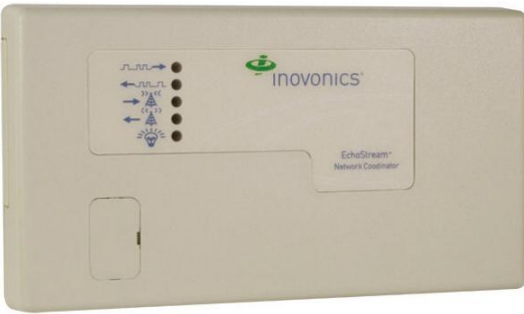




NC510UL Wireless Receiver Unit (TC500 Series)



FEATURES

- Facilitates supervision of transmitters
- EchoStream® 900 MHz spread-spectrum radio
- Knockouts for wiring
- Snap-on/pry-off cover

NC510UL WIRELESS RECEIVER UNIT (TC500 SERIES)

The Alpha Communications® / TekTone **NC510UL** Receiver enables communication between transmitters and the **NC510UL** Master Station Computer in a TekCARE®500 Wireless Emergency Call System. The **NC510UL** facilitates the supervision of all transmitters. The **NC510UL**'s EchoStream® 900 MHz spread-spectrum radio provides reliability, even in hostile or difficult radio environments. EchoStream® technology minimizes nulls or dead spots. The **NC510UL** Receiver includes a slot through the side of the plastic case for wiring. Transmitters are programmed using default information stored in the receiver.

SPECIFICATIONS

Dimensions:	Height: 3.50" (89mm) Width: 6.50" (166mm) Depth: 1.00" (26mm)
Weight:	5.7 oz.
Power Required:	12 VDC, provided by PK510 Power Supply/PC Interconnect Assembly
Frquency:	902-928 MHz frequency-hopping spread spectrum
Environment:	-20°C to60°C (-4°F to 140°F) and up to 90% non-condensing relative humidity

REQUIRED COMPONENTS

- Tek-CARE500 (TC500) Wireless Emergency Call System
- **PK510** Power Supply/PC Interconnect Assembly (included with **NC510UL**)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The receiver(s) shall be Alpha Communications® / TekTone **NC510UL** or approved equal. The receiver shall interface with the **NC510UL** Master Station Computer. A serial data interface shall translate messages from the wireless receiver to the **NC510UL**. The receiver shall send communications from up to 65,532 transmitters to the **NC510UL** Master Station Computer. The receiver shall report the following transmitter fault conditions: low battery, tamper and missing-with a programmable supervision window of 1 to 24 hours. The receiver shall use a frequency-hopping spread spectrum with an operating frequency of 902-928 MHz.

TekTone® has designed the Tek-CARE®500 (TC500) to work as a system. Its **NC474** Tek-Bridge Master Station Computer has been carefully designed and matched to work with TC500 wireless and wired peripherals. TekTone® will not warrant or support components of TC500 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 **NC510UL**

warranty number will also be required when requesting technical support.

Alpha Communications

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