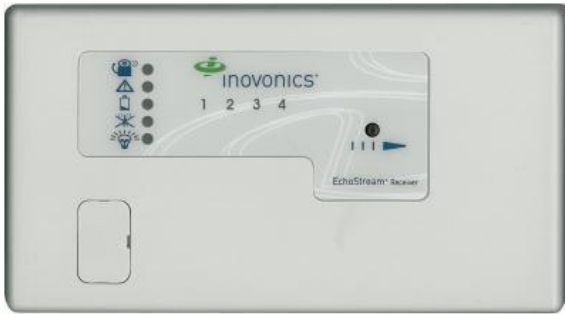




NC506ES Remote Receiver and 4 Relay Unit (TC500 Series)



Architects' And Engineers' Specifications

The **NC506ES** shall provide remote annunciation of call activity within the Tek-CARE@500 (**TC500**) Wireless Emergency Call System.

It shall function independently of the **TC500** master station computer. It shall provide dry contact outputs which are Form-C and capable of driving a typical 24-volt dome lamp as used in the call systems. The **NC506ES** shall also allow the use of an external, model TAK-4202 or TAK-4208 dialer, that accepts dry contact input(s). The **NC506ES** shall also enable **SF501ES**, **SF501/2ES** and **SF502ES** transmitters to trigger the external dialer.

All programming shall be non-volatile. The unit shall provide for easy connection of field wiring. Access to the interior of the case shall be secured by a built-in tamper switch - for easy connection to a third-party alarm system. The **NC506ES** shall be designed for indoor use only, and shall feature hidden cable connections and access. The current status of all outputs shall be visually indicated on the face of the unit.

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 **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 **NC501ES** warranty number will also be required when requesting technical support.

NC506ES Remote Receiver

The Alpha Communications® / TekTone **NC506ES** is designed to allow users of the Tek-CARE@500 (**TC500**) Wireless Emergency Call System to connect external dome lamps and dialers to the system. This provides for an alternate annunciation path, in addition to the normal **TC500** screen. The **NC506ES** is not dependant upon the Tek-CARE@500's master station computer. It features 4 separate, dry-contact outputs that can be programmed for activation by up to 4 transmitters.

The case has built-in tamper detection outputs for connection to an external alarm system. All dry contact outputs are individually configurable for latching, follower or momentary activation modes. The unit is designed for indoor use only, and cable access and connections are hidden. The face of the unit features a clean appearance with visual indication of the status.

The **SF501ES** and **SF502ES** transmitters can be used with the **NC506ES** to trigger an external dialer, but these momentary transmitters do not support dome light annunciation.

Features

- 4 dry-contact Form-C outputs
- Screw terminal connections
- Wiring access via hidden port
- Built-in tamper switch
- LEDs display current status of transmitters
- Functions independently of Tek-CARE@500
- Clean appearance for interior mounting

Specifications

Dimensions:	6.50"W X 3.50"H X 1.00"D (166mm X 89mm X 26mm)
Environment:	32°F-140°F, 0%-90% non-condensing relative humidity
Construction:	Beige plastic outer casing
Connections:	Barrier type screw terminals
Mounting:	Surface mount via 2 screws (included)
Power:	10-14VDC @ 50mA (supplied by PK505)

Required Components

PK505 Power Supply (1 per **NC506ES** required)

42 Central Drive • Farmingdale • NY • 11735-1202 • Phone: (631) 777-5500 • Fax: (631) 777-5599
TOLL-FREE: (800) 666-4800 • Web: AlphaCommunications.com • Email: info@alphacommunications.com

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