NC506ES, NC507ES Remote Receivers
IL836 Specification Sheet

Tek-CARE500 Wireless Nurse Call System • Rev. 10 - 10/2024

Features

- Adds dome light annunciation to the Tek-CARE®500 system
- NC507ES includes an LCD display
- LEDs display current status of transmitters
- Functions independently of Tek-CARE500
- Clean appearance for interior mounting

Description

Remote Receivers are designed to allow users of the wireless Tek-CARE500 Wireless Nurse Call System to connect external dome lights, relays, door locks, etc. to the system. This provides for an ancillary annunciation path in addition to the Tek-CARE event monitor. The remote receivers are not dependent upon the Tek-CARE500's NC475 Tek-CARE Appliance Server.

The remote receivers feature separate, dry-contact Form-C outputs that can be programmed for activation by one or more transmitters.

Receiver	Dry Contact Form-C Outputs	Transmitter Inputs
NC506ES	4	4
NC507ES	12	32

All dry contact outputs are individually configurable for latching, follower, toggle, or momentary activation modes. The NC507ES includes programmable duration for the momentary mode. One NC507ES output may be configured for tamper detection, while the NC506ES has a separate tamper detection output.

The units are designed for indoor use only, and cable access and connections are hidden. The units feature a clean appearance with visual indication of the status.

All Tek-CARE500 ES/UL fixed transmitters and only the SF501ES and SF501/2ES pendants may be used with the NC506ES and NC507ES Remote Receivers.

Required Components

Tek-CARE®500 Wireless Emergency Call System
PK505 Plug-in Transformer

For Dome Light Annunciation:
LI381, LI382 or LI382LED Dome Lights
PK601A Power & Control Unit (steady state), or
PK152 Power and Control Unit (steady & flash states)
SS106 Transformer

NC506ES

NC507ES

NC506ES, NC507ES Remote Receivers

Specifications

Dimensions:	
NC506ES:	6.5"W × 3.5"H × 1"D (165 mm × 89 mm × 25 mm)
NC507ES:	8.75"W × 7"H × 1.63"D (222 mm × 178 mm × 41 mm)
Environment:	32°F–122°F, 0%–90% non-condensing relative humidity
Construction:	Plastic outer casing
Connections:	Screw barrier blocks
Mounting:	Surface-mount via 2 included screws
Power:	Provided by PK505 12 VDC 1 Amp plug-in transformer

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.