



NC506ES Remote Receiver with 4 Relay Outputs Specification Sheet

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NC506ES

FEATURES

The NC506ES is designed to allow users of the wireless Tek-CARE®500 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 Tek-CARE®500 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 a built-in tamper detection output for connection to an external alarm system. All dry contact outputs are individually configurable for latching, follower, toggle, 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.

TekTone® SF501ES, SF501/2ES and SF502ES transmitters can be used with the NC506ES to trigger an external dialer. To support dome light annunciation, these momentary transmitters require a separate reset button, and relays programmed as latching.

- 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

ARCHITECTS' AND ENGINEERS' SPECIFICATION

The NC506ES shall provide remote annunciation of call activity within the Tek-CARE®500 Wireless Emergency Call System. It shall function independently of the Tek-CARE®500 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 TekTone® call systems. The NC506ES shall allow the use of an external, third-party dialer that accepts dry contact inputs. The NC506ES shall also enable TekTone® 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 via 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 connection and access. The current status shall be visually indicated on the face of the unit.

SPECIFICATIONS

- Dimensions: 6.5"W × 3.5"H × 1"D (165mm × 89mm × 25mm)
- Environment: 32°F–140°F, 0%–90% non-condensing relative humidity
- Construction: Beige plastic outer casing
- Connections: Screw barrier blocks
- Mounting: Surface-mount via 2 screws (included)
- Power: 10–14VDC @ 50mA

REQUIRED COMPONENTS

- PK505 Power Supply

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TekTone®'s quality system is registered by UL® to the ISO 9001 standard. (Reference #10001510.)