



Product Specification Sheet



APS635

Rev. 1 - 02/2007



NC502 PC-Alarm Panel

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The PC-Alarm Panel shall be Alpha Communications®/ TekTone® model NC502, or approved equal. The NC502 shall receive alarm messages from the Tek-CARE®500 Master Station Computer via an RS-232 connection and shall then transmit the alarm messages over a POTS line to a Central Monitoring facility, using the Ademco ContactID protocol.

The NC502 PC-Alarm Panel shall be capable of generating all DTMF signals necessary for message transmission, as well as decoding handshake and kiss-off tones received from the Central Monitoring Station. The NC502 shall report transmission status to the NC501 Master Station Computer over the RS-232 connection referenced above.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 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 NC501 warranty number will also be required when requesting technical support.

NC502 PC-Alarm Panel

The Alpha Communications®/TekTone® NC502 provides an interface between the Tek-CARE®500 Wireless Emergency Call System's NC501 Master Station Computer and a POTS line for the purpose of sending alarm messages to a Central Station monitoring facility. This provides for an alternate annunciation path, in addition to the normal Tek-CARE®500 screen. The NC502 PC-Alarm Panel is external to the NC501 Master Station Computer and has its own 12VDC power adapter (supplied). Connection to the NC501 Master Station Computer is accomplished via a standard straight serial cable and a USB to serial adapter (supplied). A standard 6-position/2-wire telephone cable (supplied) is used to connect the unit to the telephone wall jack.

FEATURES

- Uses Ademco ContactID Protocol
- Generates all DTMF signals necessary for communication
- Decodes handshake and kiss-off tones from the monitoring station
- Transmission status is reported back to the Tek-CARE®500 system
- Connections are isolated via mechanical relay, opto-coupler and telephone coupling transformer
- Transmission over "Plain Old Telephone Service" (POTS) line

SPECIFICATIONS

- Dimensions:** 1.58"H x 3.92"W x 7.44"L (41mm x 100mm x 189mm)
- Housing:** High-strength plastic
- Connections:** Keyed, plug-in type
- Isolation:** Mechanical relay, Opto-coupler and telephone coupling transformer
- Power:** 12VDC, 800mA power adapter (supplied) runs on 120VAC (optional 220VAC is available)

REQUIRED COMPONENTS

- NC501** Tek-CARE®500 Master Station Computer with version 1.5.0.597 software (or later)

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.