



NC377-series Voltage Interface IL680 Specification Sheet

Tek-CARE® NC110, NC150, NC200 & Tek-ALERT® Systems • Rev. 10 - 08/2014

Description

The NC377-series Voltage Interface is used with the Tek-ALERT® Alert Integration Manager to connect switched voltage analog systems to the Tek-ALERT® system. Tek-ALERT® enables such advanced features as consolidated event monitoring, management reporting, and paging for all connected systems. TekTone®'s Tek-CARE® NC110, NC150 and NC200 Nurse Call Systems, as well as a variety of non-TekTone® systems, use the voltage interface to communicate with the Tek-ALERT® system. The voltage interface recognizes three states: off, steady on, and flashing; and can connect systems with input voltage from 5V to 50V, AC or DC.

The NC377-series Voltage Interface can also integrate TekTone®'s Tek-CARE® NC110, NC150 and NC200 Nurse Call Systems directly with the NC369 Paging Transmitter. In this scenario, it connects directly to the nurse call master. The NC377-series Voltage Interface sends nurse call priority information via a serial port to the NC369 Paging Transmitter. The transmitter then transmits this information to the pagers, allowing the staff to distinguish call priority levels.

The voltage interface is available in two configurations: The NC377/32 accommodates 32 inputs, while the NC377/64 handles up to 64 inputs. Connect up to 9 total NC377/64s to the NC369 Paging Transmitter to accommodate up to 576 inputs. (Maximum cable distance from the first NC377-series to the last one is 1,000 feet.)

Specifications

Dimensions: 14"×10"×1.5" (356 mm × 254 mm × 38 mm)
Connections: Screw Terminals: 9-PIN serial connector
Housing: Surface mounted
Voltage: Trigger: 24 volts DC
Operational: 110 VAC Input
Current
Consumption: Less than 450 mA
Messages
Output: 4 per input: 1-Routine, 2-Bath,
3-Emergency 4-Cancel/Reset
BAUD Rate: 9600



NC377-series Voltage Interface
(exterior & interior)

Required Components

NC369 Paging Transmitter
NC399P Pagers
and Tek-CARE® NC110, NC150, NC200 Nurse Call System
or Tek-ALERT® Alert Integration System

Paging is an ancillary method of call annunciation, and is not intended to replace the primary annunciation provided by the nurse call system.

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