

WIRELESS SINGLE CHANNEL RECEIVER WITH LATCHING CONTACT

APPLICATION

The NC267 (NC-267) Wireless Single Channel Receiver with Latching Contact is a digital UHF receiver used with the SF067 Wireless Miniature Transmitter for Tek-CARE® NC110 nurse call systems. It allows the user to place an emergency call by simply depressing the button on the transmitter. This allows users to place calls within areas of a dwelling that are not directly near nurse signaling devices. The latching relay circuit can be reset by pressing the button on the NC267.

The NC267 requires no wiring connections to the transmitter and operates on the 303.875 MHz frequency. It provides a dry, latching, "Form C" relay circuit to integrate with SF100 or IR250 series Patient Stations. A simple, easy-access dipswitch programming method allows for up to 252 individual transmitter/receiver code combinations.



NC-267

FEATURES

- Wireless call reception from transmitter
- Digital UHF operation
- 252 transmitter code settings with easy dipswitch programming
- Dry 'Form C' NEC Class 2 Relay Circuit

SPECIFICATIONS

Dimensions: Height: 3.8" (97 mm)
Width: 4.9" (125 mm) Depth: 1.3" (33 mm)

Power: 12 VDC, 0.12W Standby and 0.48W Active

Frequency: 303.875 MHz

Encoding Technique: Pulse width A-1 modulation at 250 bits/second; four correct 8-bit words required for activation.

Mounting: Surface Metal Bracket, included

REQUIRED COMPONENTS

Tek-CARE® NC110 Nurse Call System
PK505 Power Supply
SF067 Wireless Miniature Transmitter

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless receiver shall be TekTone® NC267 (NC-267) or approved equal digital UHF receiver as supplied by LEE DAN®.

It shall use the 303.875 MHz frequency for signal reception. No physical wiring connections to the transmitter shall be required to receive a call and the device shall include an antenna and a mounting bracket.

The receiver shall have a minimum of 252 user programmable code settings, via an easily accessible dipswitch. The receiver, upon receipt of a signal from TekTone®'s SF067 or approved equal, shall actuate and latch an internal relay. The relay shall provide a dry "Form C" circuit with Common, Normally Open and Normally Closed connections, which shall be accessible from a clearly marked terminal strip.

The relay shall be rated for a minimum of 32 VAC or VDC @ 1 amp (NEC Class 2 Circuit). The receiver shall provide a latch-reset button.