



# NC554/5 and NC554/8 Network Switches

## IL952 Specification Sheet

Tek-CARE®400 Nurse Call System • Rev. 0 - 03/2013

### Features

- Five (NC554/5) or Eight (NC554/8) 10/100 Mbps capable 8P8C Ethernet ports
- Compliant with IEEE 802.3 (10Base-T) and 802.3u (100Base-TX) standards
- Wall mountable or desktop installation options
- No configuration, Plug and Play installation

### Description

The NC554/5 5-port network switch and the NC554/8 8-port network switch are used to create the TC400 Network. This network provides faster data transmission from the Tek-CARE®400 central equipment (CE) to NC402TS Master Stations, enabling some ancillary features that are too data intensive for just one CE connection.

The network switches are used in these two scenarios:

- Connect multiple NC402TS Master Stations, an NC470 Tek-BRIDGE™ PC, and/or a laptop computer to the single network port on the CE's PM451 Hub Control Module.
- Extend the cable distance from a NC402TS Master Station or NC470 Tek-BRIDGE™ PC to the PM451 Hub Control Module. Each Ethernet cable segment can be up to 328 feet (100 meters). Use multiple network switches between an NC402TS Master Station and the CE to extend the distance to a maximum of 1000 feet (305 meters).

These Fast Ethernet switches automatically detect the type of network (auto negotiation) and type of cable (auto MDIX) and configure themselves, making for a Plug-and-Play networking solution.

The NC554/5 5-Port Network Switch allows up to 4 Ethernet devices to connect to the PM451 Hub Control Module in the Tek-CARE®400 central equipment over the TC400 Network.

The NC554/8 8-Port Network Switch allows up to 7 Ethernet devices to connect to the PM451 Hub Control Module in the Tek-CARE®400 central equipment over the TC400 Network.



NC554/5 and NC554/8 Network Switches

### Specifications

Standards:	IEEE 802.3, IEEE 802.3u
External Ports:	5 (NC554/5) or 8 (NC554/8) Female 8P8C
Cable Length:	328' (100 m) maximum
Enclosure Type:	Plastic
Dimensions:	5.5" x 3.5" x 1.1" (140.4 mm x 89.1mm x 28 mm)
LED Indicators:	Power, plus 1 Link/Activity per 8P8C port
Power Adapter:	Included
Environment:	0°C to 40°C (32°F to 104°F), 10%-90% Relative Humidity

### Required Components

Tek-CARE®400 Nurse Call System with:  
PM451 Hub Control Module  
NC402TS Master Station(s)

### Optional Components

NC470 Tek-BRIDGE™

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