



COMMUNICATIONS FOR TODAY ... AND TOMORROW.

Tek-CARE®3000

Nurse Call System

Submittal Package
as of 09/02/2025

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TekTone® Sound and Signal Mfg., Inc., 324 Industrial Park Road, Franklin, North Carolina 28734, USA.

Features

- Proprietary nurse call central equipment running the Tek-CARE OS. The Central Equipment is available in two different variants:
 - The NC475 is a headless central equipment
 - The NC475DESK is supplied with a 24" touch-screen monitor (size may vary) and wireless keyboard and mouse
- Functions as a tone-visual master station for the Tek-CARE500 and Tek-CARE570 systems
- Includes paging software module for automatic and manual pages to staff
- Software module options include event monitoring, reporting, Staff App, Apple TV displays, email output, and more
- Two network interface ports provide connections to the Tek-CARE Network and facility LAN
- Six RS232 serial ports provide connections for a paging transmitter, a central monitoring interface, and Tek-CARE500 and Tek-CARE570 Receivers

Description

The NC475 Central Equipment is the central equipment required for running the Tek-CARE system and provides the platform to install and run various software modules for Tek-CARE communications platform. The NC475 is designed to be desk mounted or installed in a rack mount application. Rack mount ears and mounting screws are included and when rack mounted, uses 2U of rack space.

The NC475 also supplies ports for the Tek-CARE Network and the facility's LAN, the radio pocket paging system's paging transmitter, Tek-CARE 300III Integration, the NC570, NC510UL, NC510ES, and NC510 FA Receivers.

The LCD screen on the NC475 displays any calls and faults active on the nurse call system. The LED indicators to the left of the LCD provide power, fault, and call status at a glance. A simple configuration menu is also accessible from the front display.

The NC475DESK can function as a tone-visual master for the Tek-CARE platform. Calls, faults, and basic system configuration options are available, but audio communication is not available from the NC475 or NC475DESK. For audio communication, purchase the appropriate master station for your Tek-CARE system.



NC475DESK

Specifications

Dimensions: NC475: 2.5"H × 13.45"W × 7.875"D
(64 mm × 342 mm × 199 mm)

Monitor: 14"H × 21.3"W × 1.9"D
(356 mm × 541 mm × 48 mm)

Power: AC/DC Power Adapter included

Input: 100-240 VAC, 2A, 50/60Hz

Output: 12 VDC, 5A, 60W Max

Battery Backup: TekTone PK250B or equivalent required

Temperature: 0-40°C

Humidity: 0-95% (non-condensing)

Applicable Systems

Tek-CARE®120 Nurse Call System
Tek-CARE®300III Nurse Call System
Tek-CARE®400 P5/P5+ Nurse Call Systems
Tek-CARE®400 GEN3 Nurse Call System
Tek-CARE®500 Wireless Nurse Call System
Tek-CARE®570 Wireless Nurse Call System
Tek-CARE®600 Alert Integration Manager
Tek-CARE®700 Wander Management System
Tek-CARE®3000 Nurse Call System

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.

Software License Selections

Individually available software modules run on the NC475, adding ancillary features to the healthcare communications system.

System Connectivity:

- **LS120 Tek-CARE120 connectivity license** enables the NC475 to import events from Tek-CARE120 Nurse Call Systems.
- **LS301 Tek-CARE300II & LS300 Tek-CARE300III connectivity license** enables the NC475 to import events.
- **LS331 Tek-CARE3000 connectivity license** enables the NC475 to import events from Tek-CARE3000 Nurse Call Systems.
- **LS400 Tek-CARE400 connectivity license** enables the NC475 to import events from Tek-CARE400 Nurse Call Systems.
- **LS435 Tek-CARE400 GEN3 connectivity license** enables the NC475 to import events from Tek-CARE400 GEN3 Nurse Call Systems.
- **LS460 Tek-CARE Media Gateway connectivity license** provides integration between the Tek-CARE Network and VoIP telephone systems. This includes 4 audio paths. LS465 adds 4 additional audio paths.
- **LS500 Tek-CARE500 connectivity license** enables the NC475 to import events from FA, ES, and UL version Tek-CARE500 Wireless Nurse Call Systems.
- **LS570 Tek-CARE connectivity license** enables the NC475 to import events from the Tek-CARE570 Wireless Nurse Call System)
- **LS600 Tek-ALERT connectivity license** enables the NC475 to import events from other systems, such as nurse call and fire alarm. (One LS600 required per interface.)
- **LS700K Tek-CARE700 connectivity license with Starter Kit** enables the NC475 to import events from our wander management system. It includes the NC708 Starter Kit with ID-TAD, testing tag, #6 spanner hex bit, and programming adapter for door controllers.

Event Monitors & Reporting:

- **LS610-series Reporting** records all activity on the NC475, and provides custom reports on this activity for followup review and evaluation by management. Reports are viewed using a web browser by any computer networked to the NC475. They may also be printed, saved as HTML files for later viewing in a web browser, or saved as a CSV files for viewing in a spreadsheet program (such as Microsoft Excel).

When LS453 Email Output software is combined with LS610-series Reporting, reports can be sent automatically via email. Available in packages for 100 points (LS610/1), 500 points (LS610/5), 1000 points (LS610/10), 2500 points (LS610/25), 5000 points (LS610/50), and 10000 points (LS610/100). A point is one Tek-CARE120 or Tek-CARE400 addressable device, Tek-CARE500 transmitter, Tek-ALERT device ID, or Tek-CARE700 tag.

- **LS623-series Event Monitor for Windows** displays activity from all connected systems. This software is installed on the NC475, plus up to 255 personal computers networked to the NC475. (PCs must be running Microsoft Windows.) Available in packages of one license (LS623/1), five licenses (LS623/5), 10 licenses (LS623/10), or 25 licenses (LS623/25).

ADT Interface:

- **LS452 ADT Interface** receives Admit, Discharge and Transfer information from the facility's hospital information system (HIS)—including patient name, room number, bed number and doctor name—and inserts it into the corresponding fields in the Tek-CARE system's patient database. Information in these fields is then visible to facility staff on touchscreen master stations.

Email Output:

- **LS453 Email Output** enables email addresses to be added as staff devices. The software sends calls and other events via email to the assigned staff members. Events can also be sent to anything that has an email gateway—for example, sending an SMS message to a cell phone.

Tek-CARE Staff App:

- **LS620/LS630 Tek-CARE non-voice/voice App Server license** enables the NC475 to send events via the facility's Wi-Fi to mobile devices running the LS621/LS631-series app.
- **LS621/LS631-series Tek-CARE non-voice/voice Staff App** enables mobile iOS and Android devices to act as portable event monitors. Up to 255 iOS and/or Android devices running the Tek-CARE app can be active on the system at one time. Install licenses on the NC475, and download the app from the Apple Store. See the IL1020 specification for device requirements. Available in packages of one license (LS621/1 or LS631/1), five licenses (LS621/5 or LS631/5), 10 licenses (LS621/10 or LS631/10), 25 licenses (LS621/25 or LS631/25), 50 licenses (LS621/50 or LS631/50), 100 licenses (LS621/100 or LS631/100), and 200 licenses (LS621/200 or LS631/200).

Tek-CARE TVs:

- **LS622-series Tek-CARE TV for the Apple TV App licenses** enables a 4th Generation (or newer) Apple TV with an HDMI connected widescreen TV or monitor to act as an event monitor. Up to 10 Apple TVs can be active on the system at one time. Install licenses on the NC475. Available in packages of one license (LS622/1), five licenses (LS622/5), 10 licenses (LS622/10), 25 licenses (LS622/25), 100 licenses (LS622/100), and 200 licenses (LS622/200).

Features

- Tek-CARE® system capacity of up to 150 Tek-CARE Hubs
- Provides four ports to support Master Stations and Addressable Stations
- Supports up to:
 - Two Master Station Consoles (NC404TS or NC415G3) *or*
 - One Master Station Console and nine Addressable Stations (three per port) *or*
 - Twelve Addressable Stations (3 per port)
- Provides one audio channel per port

Description

The NC331 Tek-CARE Hub is a networked device that provides support for up to 12 stations or 2 master station consoles.

The Tek-CARE network is created by using the NC554/15 PoE Network Switch.

Required Components

NC475 Tek-CARE Central Equipment
NC404TS and/or NC415G3 Master Stations
IR33x-series Stations
NC554/15 PoE Network Switch
LS331 Tek-CARE Connectivity License



NC331 Tek-CARE Hub

Specifications

Dimensions:	8.3"H × 5.3"W × 1.4"D (211 mm × 135 mm × 35 mm)
Construction:	PC board with quality electronic components
Input Power:	PoE Switch
Input Voltage:	48-54Vdc
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)
Mounting:	2-gang electrical box
Wiring:	Control and power over CAT6 cable *CAT5e for retrofit

Listings



UL® 1069, UL® 2560, and cUL® listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- 15 PoE+ ports provide a total of 231W of power for NC435G3 and NC331 Tek-CARE® Hubs
- Uninterrupted PoE keeps PoE power on even when the switch is updating firmware or performing software reboot
- Fan-less and versatile mounting option (desktop and wall-mountable)
- Troubleshoot connection issues via cable test

Description

The NC554/15 PoE Network Switch provides communication and power to Tek-CARE Hubs in the field while interfacing with the NC475 Tek-CARE Central Equipment at the system head-end.

The NC554/15 is a managed switch supporting uninterruptable Power-Over-Ethernet (PoE) to help optimize the performance and troubleshooting of the network. The power supply for the device and PoE demands is included as shipped.

The new and improved business-friendly GUI allows easy management and simple configuration of the network interfacing field and head-end devices.

Required Components

NC475 Tek-CARE Central Equipment
NC435G3 Tek-CARE Hub, or NC331 Tek-CARE Hub



NC554/15 PoE Network Switch

Specifications

Dimensions:	11.26"H × 4.02"W × 1.06"D (286 mm × 102 mm × 27 mm)
Weight:	1.95 lb (0.883 kg)
Operating Temperature:	32° to 104°F (0° to 40°C)
Humidity (relative):	90% maximum relative humidity (RH), non-condensing
Storage Temperature:	-4° to 158°F (-20° to 70°C)
Housing:	Metal

Listings



UL® 1069 Listed; UL® File Number E71599.



FCC Part 15 class B.



CE/EN55032/24.

Features

- 24" touchscreen monitor for call annunciation and interaction
- Full-duplex audio connections between master stations and P5/P5+/GEN3/3000 patient stations
- Fully supervised
- Displays calls, icons, maps, station information, resident information, and much more
- Provides audio connection to patient stations connected to the Tek-CARE® Network
- Desk or wall mountable. Wall mount uses a standard VESA mounting system. Wall mounts provided by contractor
- Programmable using our exclusive Config Tool software via laptop connected to the Tek-CARE Network
- The NC404G3 is UL®/cUL® 1069 and UL® 2560 Listed

Description

The NC404TS is a full-featured touchscreen master station designed for use on the Tek-CARE system. The NC404TS provides UL-approved call annunciation, audio connection, and interaction with the Tek-CARE system. The NC404TS may be zoned to display all calls from a system, or a custom subset of call types and stations or transmitters.

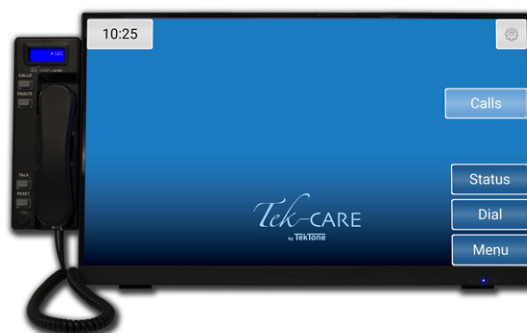
The NC404TS is designed to be responsive and intuitive. Calls are automatically sorted by priority and duration, with the highest priority calls being displayed first. If the handset is lifted to answer a call, the highest priority call is answered unless another call has been manually selected. System statuses, staff requests, and staff calls may also be placed from the NC404TS master station.

In addition to a call list view, a map view and icon view are also available if desired.

Refer to the Tek-CARE® [Master Station Load Value Calculator](#) on TekTone's website for more information on power restrictions.

Required Components

NC475 Tek-CARE Central Equipment
TekTone Tek-CARE Nurse Call Systems



NC404TS Master Station

Specifications

Dimensions:	Monitor: 14"H × 21.3"W × 1.9"D (356 mm × 541 mm × 48 mm) NC404G3 Handset: 8.28"H × 2.86"W × 2.1"D (210 mm × 72 mm × 53 mm)
Construction:	PC board with quality electronic components
Input power:	120 VAC at 50Hz–60Hz (touchscreen monitor) 12 VDC (NC403NOTS component) 24 VDC (NC435G3) 27 VDC (NC455CE)
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- 24" touchscreen monitor for call annunciation and interaction
- Can be placed anywhere in the facility with LAN connectivity
- Touchscreen monitor for easy interaction
- Displays calls, icons, maps, station information, resident information, and much more
- Calls can be filtered and zoned
- Can operate as a non-interactive display if only a call display is desired
- Optional supervision
- Desk or wall mountable. Wall mount uses a standard VESA mounting system. Wall mounts provided by contractor

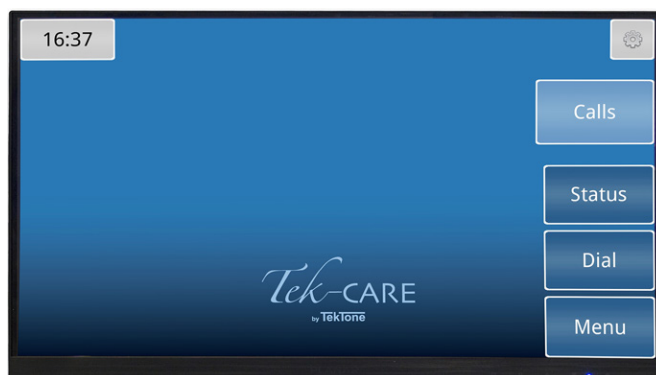
Description

The touchscreen NC403TS Tek-CARE® Monitor is a purpose-built monitor for the Tek-CARE nurse call system. It is designed to be a cost-effective and attractive option for displaying calls throughout the facility where the full functionality of a master station is not required.

The NC403TS Tek-CARE Monitor is supplied as a complete unit which includes all the necessary hardware for connection to the nurse call system. The NC403TS is connected to the Tek-CARE system via the facility's local area network (LAN).

The NC403TS Tek-CARE Monitor offers many functions used by facility staff on a daily basis, such as call display and the ability to view details about a call, resident information, status display, and more. In addition to a call list view, a map view and icon view are also available if desired. The NC403TS Tek-CARE Monitor can also modify its own annunciation settings and display system faults if desired. Password protection of advanced features is also available.

The NC403TS Tek-CARE Monitor can be zoned to display calls from desired zones to improve staff awareness and efficiency. Up to 254 NC403TS Tek-CARE Monitors can be installed on a single Tek-CARE system.



NC403TS Tek-CARE Monitor

Specifications

Dimensions: 14"H × 21.3"W × 1.9"D
(356 mm × 541 mm × 48 mm)

Connection: Ethernet connectivity to facility LAN

Display: 24" touchscreen display

Required Components

NC475 Tek-CARE Central Equipment

Features

- Compact Nurse Call Console which can be desk or wall mounted
- Optional handset and cradle for added privacy during audio communication
- Can be used with all TekTone Nurse Call Systems
- Color LCD display for easy viewing of color coded call types
- Displays up to 3 calls with scrolling feature
- Displays changes when call is selected providing more pertinent information

Description

The NC415G3 provides for tone and visual annunciation of calls from stations and other masters and for push to talk audio control for audio capable systems. If desired, add the optional TA415L handset kit for better privacy. The kit comes with a cradle, handset, and cord.

The user interface layout is the same as other TekTone product displays including the NC404TS, NC403TS, and Tek-CARE Apps, allowing staff to view calls on the same familiar screen across devices. Up to three incoming calls are displayed by priority and time and are also color coded for easy recognition. Routine calls are annunciated with a steady call LED and slow pulsing tone with station number displayed on the touchscreen. Calls can be selected out of order.

High priority calls are annunciated with a rapid flashing call LED and rapid pulsing tone with the station number displayed on the touchscreen. All calls have to be canceled from the point of origin unless it is a routine call from an audio capable station whereupon resetting an audio connection can reset the call if desired. For additional annunciation at the master location, an LI484P5 4-LED multicolored dome light can be connected directly to the master station. This dome will annunciate the highest priority call on the NC415G3.

Refer to the Tek-CARE® [Master Station Load Value Calculator](#) on TekTone's website for more information on power restrictions.

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.



NC415G3 with TA415L Handset



NC415G3 with IH415LD Desk Mount Housing

Specifications

Dimensions:	NC415G3: 4.75"H × 9.60"W × 1.3"D (121 mm × 244 mm × 33 mm) from wall (flush-mounted) TA415L: 6.97"H × 1.49"W × 1.3"D (177 mm × 38 mm × 33 mm) Handset
Input Power:	24 VDC, NC435G3 27 VDC, NC455CE
Construction:	PC board with quality electronic components
Housing:	IH415LD for desk mount; IH415W plus standard dual-gang box with dual-gang ring for wall mount
Connections:	8P8C modular plug and jack

Required Components

NC475 Tek-CARE Central Equipment
TekTone Tek-CARE Nurse Call Systems

One of the following:
IH415LD Desk Mount Housing
IH415W Wall Mount Bracket

Optional Components

TA415L Handset
LI484P5 Four-LED Corridor Light

Features

- Two push buttons: Call and Reset
- Tri-color LEDs for call indication
- Master call tones for duty annunciation
- Program as a Staff or Duty Station
- No visible mounting screws
- Fully supervised wiring to the station hub

Description

As a Staff Station, the IR330 provides reliable full-duplex, hands-free communication between the nurse master station and utility room, examination rooms, staff break rooms, or any location where staff members may need to originate calls or where call cords or pillow speakers are not required. Calls are placed using either the customizable staff emergency button or the staff call button. Multicolored LEDs on the panel indicate that a call has been placed and that the intercom is in use. As an additional feature, the staff station is field programmable to function as a patient station, if desired.

As a Duty Station, the IR330 provides reliable full-duplex, hands-free communication between the nurse master station and utility rooms, examination rooms, staff break rooms, or any location where a nurse may be away from the master station. A patient station call is indicated audibly and visually at the duty station to which it is assigned. Corridor light indication is also provided.

Required Components

NC331 Tek-CARE Hub
NC404TS and/or NC415G3 Master Stations

Optional Components

SF12x-series Peripheral Switches
LI484P5 Four-LED Corridor Light
PM123 Auxiliary Input Module
IH431S Surface Box
LS300 Tek-CARE300III Connectivity License



IR330 Staff/Duty Station

Specifications

Dimensions:	4.80"H × 7.35"W × 2.5"D (122 mm × 187 mm × 64 mm)
Construction:	Flame-retardant (UL® 94V-0 plastic faceplate
Speaker:	1.57" Diameter (40 mm)
Connections:	Plug-in 12-pin connector for up to 6 TC120 peripherals 8P8C jacks for station cabling
Housing:	2- or 3-gang electrical box and ring or 2- or 3-gang masonry box. Do not ground backboxes, leave floating
Wiring:	Control and power over CAT6 cable *CAT5e for retrofit

Listings



UL® 1069, UL® 2560, and cUL® listed to
CSA C22.2 No. 205; UL® File Number
E71599.



RoHS Compliant.

Features

- Tri-color LEDs for call indication
- One or two jacks for call cords or pillow speakers
- Provides interfaces for up to 6 TC120 peripherals, dome light, bed receptacle and control outputs e.g., light control
- No dummy plugs needed to prevent "cord out" call
- No visible mounting screws
- Fully supervised wiring to the station hub

Description

The IR331 Single Patient Station provides reliable full-duplex, hands-free communication between patient and nurse, plus programmable privacy, paging, and patient priority from the master station. Calling the nurse is accomplished by pressing the call cord button or the nurse button on the pillow speaker. The IR331 includes a single DIN jack for call cord, and a reset button. To remove the call cord or pillow speaker without alarm, hold down the reset button for three seconds before pulling out the plug.

The IR332 Dual Patient Station has the same specifications and functions as the IR331, but has two DIN jacks for an additional call cord.

Required Components

NC331 Tek-CARE Hub
NC404TS and/or NC415G3 Master Stations

Optional Components

SF431PSG3 Pillow Speaker
SF401A-series Push-Button Call Cord
SF12x-series Peripheral Switches
LI484P5 Four-LED Corridor Light
PM123 Auxiliary Input Module
SF126DC Dry Contact Output Module
IH431S Surface Box



IR331 Single, IR332 Dual Patient Stations

Specifications

Dimensions:	4.80"H × 7.35"W × 2.5"D (122 mm × 187 mm × 64 mm)
Construction:	Flame-retardant (UL®94V-0) plastic face-plate
Speaker:	1.57" Diameter (40 mm)
Connections:	Plug-in 12-pin connector for up to 6 TC120 peripherals 8P8C jacks for station cabling
Housing:	2- or 3-gang electrical box and ring <i>or</i> 2- or 3-gang masonry box. Do not ground backboxes, leave floating
Wiring:	Control and power over CAT6 cable *CAT5e for retrofit

Listings



UL® 1069, UL® 2560, and cUL® listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Provides call inputs and dome light output typically for standalone devices
- Provides four programmable Dry Contact Outputs
- Provides an audio connection in the nurse call system
- Supervised emergency and code switches
- Fully supervised wiring to the central equipment
- Simplified wiring with plug-in connectors
- No visible mounting screws

Description

The IR434G3 Multipurpose Station provides audible, visual, and digital communications to and from the TekCARE® 400 GEN3 and Tek-CARE®3000 equipment when receiving or sending signals to remotely connected devices.

The IR434G3 includes inputs for contact closures and various types of emergency call switches for these systems. It also provides an output to a speaker or paging amplifier and a corridor lamp. It does not have the controls, LEDs or speakers normally associated with patient, staff or duty stations. Some practical applications for the IR434G3 are to provide input for code or emergency call stations in an ICU; a PA amplifier interface for the nurse call master; an alarm input point for exit/entry doors and narcotics cabinets; input for bath emergency call stations in public bath areas; or input to a remote door intercom station or access door intercom.

Required Components

NC435G3 or NC331 Tek-CARE Hubs
NC404TS and/or NC415G3 Master Stations

Optional Components

SF12X-series Peripheral Switches
IR160 Audio Station
LI484P5 Four-LED Corridor Light
PM123 Auxiliary Input Module
IH431S Surface Box



IR434G3 Multipurpose Station

Specifications

Dimensions:	4.80"H × 7.35"W × 2.5"D (122 mm × 187 mm × 64 mm)
Construction:	Flame-retardant (UL® 94V-0) plastic face-plate
Speaker:	1.6" Diameter (41 mm)
Connections:	Plug-in 12-pin connector for up to 6 TC120 peripherals; 8P8C jacks for station cabling
Housing:	RACO 692 (masonry box) Steel City #H3BD with Steel City #3GC plaster ring Or equivalent Do not ground backboxes, leave floating
Wiring:	Control and power over CAT6 cable *CAT5e for retrofit

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Surface-mounting
- Snap-fit to GEN3 and 3000 stations
- High impact plastic

Description

The IH431S is a surface-mounting backbox for IR43xG3 and IR33x stations. Stations snap-fit to the box, so no screws are needed to mount stations to the backbox. The IH431S is constructed of durable ABS plastic, and mounting holes align with 2- and 3-gang electrical boxes.

Required Components

Tek-CARE®400 GEN3 Nurse Call System
IR43xG3-series Patient Stations

Tek-CARE®3000 Nurse Call System
IR33x-series Patient Stations



IH431S Surface Backbox

Specifications

Dimensions:	5"H × 7.56"W × 2.6"D (127 mm × 192 mm × 66 mm)
Construction:	ABS plastic
Mounting:	Screw holes align with 2- and 3-gang electrical boxes

Features

- Large red nurse call button
- Three AUX call buttons for Water, Pain, and Toilet
- Four environmental control buttons
- 8-foot cord with DIN plug and security clip
- Provides pillow speaker intercom with built-in microphone, environmental control, and television control
- UL® 1069, and UL® 2560 Listed
- Oxygen safe
- Fully sealed for easy cleaning
- Flame-retardant (UL® 94V-0) high-impact plastic

Description

The SF431PSG3 Pillow Speaker is used with the Tek-CARE®400 GEN3 IR431G3 and IR432G3 patient stations, and the Tek-CARE®3000 IR331 and IR332 patient stations.

The pillow speaker provides call placement and audio communication to the Tek-CARE System and offers remote control for hospital-grade TVs.

The pillow speaker also supplies two-way, hands-free communication with the master station, and automatic silencing of TV audio while the intercom is in use. Water, Pain, and Toilet buttons, two light control buttons (typically ROOM and READ lights), and two additional environmental controls (ex. temperature up/down) are included on the pillow speaker.

Push buttons are provided to call the nurse, plus TV power, channel selection up/down, Closed Captioning, and mute.

Required Components

Tek-CARE®400 GEN3 Nurse Call System
IR431G3 or IR432G3-series Patient Station

Tek-CARE®3000 Nurse Call System
IR331 or IR332 Patient Station

Optional Components

Low Voltage Controller for light and temperature control
(supplied by others)



SF431PSG3 Pillow Speaker

Listings



UL® 1069, UL® 2560, and cUL® listed to CSA C22.2 No. 205; UL® File Number E71599.

Features

- Tactile push-button call cord
 - Call button makes an audible and tactile click for assurance of activation
- UL® 1069 Listed
- Oxygen-safe
- Impact-resistant and waterproof
- Small, lightweight pendant fits comfortably in hand
- Bed clip included
- 8-pin DIN plug

Description

The TekTone SF401B call cord is for use with the Tek-CARE3000, Tek-CARE400 P5/P5+/GEN3, and Tek-CARE300III Nurse Call Systems, where 8-pin DIN jacks are used. The SF401B is an oxygen-safe call cord that is certified safe for use by all patients receiving oxygen therapy.

This waterproof and impact-resistant call cord has a completely sealed push button and a polyvinyl-covered cord.

Required Components

Tek-CARE®3000 Nurse Call System with IR331 or IR332 Patient Stations

Tek-CARE400® GEN3 Nurse Call System
IR430G3, IR431G3/IR432G3, IR434G3 patient stations

Tek-CARE400® Nurse Call System
IR411, IR412, IR412EPB patient stations

Tek-CARE400® P5/P5+ Nurse Call System
IR411P5/IR421P5, IR412P5/IR422P5 patient stations

Tek-CARE®300III Nurse Call System
IR319B, IR320B patient stations



SF401B Call Cord

Specifications

Dimensions:	SF401B:	8' long
	SF401B/10:	10' long
	SF401B/20:	20' long
Connection:	8-pin DIN plug	
Construction:	SPST1-A switch Integral brass, fine silver contacts 1 AMP, 15 watt maximum	

Listings



UL®1069 Listed and cUL® Listed to CSA
C22.2 No.205; UL® File Number E165723.

Features

- Sensitive touch activation
- Oxygen tent safe
- Ideal for geriatric use
- Momentary, air-activated switch
- Adjustable bed clip

Description

The SF401G Call Cord is used with 8-pin DIN jack patient stations, including Tek-CARE®400 IR411-series and IR412-series patient stations, Tek-CARE®400 P5/P5+ IR411P5/IR421P5 and IR412P5/IR422P5 patient stations, Tek-CARE®400 GEN3 IR43xG3-series stations, Tek-CARE®300III IR319-series and IR320-series patient stations, and Tek-CARE®3000 IR331/IR332 patient stations.

The SF401G Call Cord is specifically designed for use in geriatric and oxygen environments, but may also be used in general applications. To place a call, the patient need only apply slight pressure to the squeeze bulb using any part of the body. The force of air through the vinyl tubing closes a switch in the plug, thus placing a call. An adjustable bed clip is supplied for the SF401G and is attached to the call cord.

Required Components

Tek-CARE®300III Nurse Call System
IR319- or IR320-series Patient Stations

Tek-CARE®400 Nurse Call System
IR411- or IR412-series Patient Stations

Tek-CARE®400 P5/P5+ Nurse Call System
IR411P5/IR421P5 or IR412P5/IR422P5 Patient Stations

Tek-CARE®400 GEN3 Nurse Call System
IR43xG3-series stations

Tek-CARE®3000 Nurse Call System
IR331 or IR332 patient stations



SF401G Call Cord

Specifications

Switch:	Momentary contact, air activated
Plug:	Stainless steel 8-pin DIN
Cord:	Vinyl tubing
Electrical:	Rated current 1/3 AMP, 24 VAC-VDC
Dimensions:	Cord: 6' long (1.83 m) Bulb: 1.5" diameter (38 mm)

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E61802.

Features

- Non-powered pneumatically operated switch
- Large 3.5" diameter pad for easy activation
- Oxygen safe
- Latex free
- Includes security clip

Description

The SF401GP Geriatric Pad Call Cord is a round, flattened soft vinyl pad with gripping feet to prevent it from slipping off the patient's bed. The SF401GP works well for residents who have limited hand dexterity. It has a mechanical switch that is activated by slight pressure from the hand, arm or body, or can even be positioned under the resident's chin.

The SF401GP has an 8-foot cord and an 8-pin DIN plug. Also available is the SF401GP/10 with a 10-foot cord.

Required Components

Tek-CARE®400 P5/P5+/GEN3 Nurse Call Systems
IR4xxP5-series or IR43xG3-series stations
SF401EX Strain Relief Cable

Tek-CARE®300III Nurse Call Systems
IR319- or IR320-series Patient Stations
SF4-series Call Cords or Pillow Speakers

Tek-CARE®3000 Nurse Call System
IR331 or IR332 patient stations
SF401EX Strain Relief Cable



SF401GP Geriatric Pad Call Cord

Specifications

Cord length:	8' (2.44 m)
Connections:	8-pin DIN plugs
Switch:	Momentary contact
Electrical rating:	24 volts AC or DC at 0.33 amps

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E71599.

Features

- UL® and cUL® 1069 Listed
- Molded connections
- Clean break-away actions
- Increases life of call cords, pillow speakers, and room stations

Description

The SF401EX Strain Relief Cable is used to increase the life span of call cords, pillow speakers and room stations. The 8-pin DIN cable is placed between the call cord or pillow speaker and the room station. If the call cord or pillow speaker is attached to a bed and then the bed is pulled away, the strain relief cable disconnects. This prevents damage to both the room station and the call cord or pillow speaker.

Required Components

Tek-CARE®300III Nurse Call Systems
IR319- or IR320-series Patient Stations
SF4-series Call Cords or Pillow Speakers

Tek-CARE®400 Nurse Call Systems
IR411- or IR412-series Patient Stations
SF4-series Call Cords or Pillow Speakers

Tek-CARE®400 P5/P5+ Nurse Call Systems
IR411P5/IR421P5 or IR412P5/IR422P5 Patient Stations
SF4-series Call Cords or Pillow Speakers

Tek-CARE®400 GEN3 Nurse Call Systems
IR43xG3-series Patient Stations
SF4-series Call Cords or Pillow Speakers

Tek-CARE®3000 Nurse Call System
IR331 or IR332 Patient Stations
SF4-series Call Cords or Pillow Speakers

Optional Components

NC415G3 or NC404TS Master Station



SF401EX Strain Relief Cable

Specifications

Length:	6" (153 mm)
Connections:	8-pin DIN plugs
Construction:	24-gauge polyvinyl-covered cord with molded ends

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E71599.

Features

- Tactile push-button call cord
 - Call button makes an audible and tactile click for assurance of activation
- UL® 1069 Listed
- Oxygen-safe
- Impact-resistant and waterproof
- Small, lightweight pendant fits comfortably in hand
- Bed clip included

Description

The TekTone SF301B Call Cord is for use with the Tek-CARE® nurse call systems and wireless emergency call systems where 1/4" phono jacks are used. The SF301B is an oxygen-safe call cord certified safe for use by all patients receiving oxygen therapy. These waterproof and impact-resistant call cords have completely sealed push buttons, and polyvinyl-covered cord.

Required Components

Tek-CARE®3000 Nurse Call System with SF121 or SF122 Patient Stations

Tek-CARE®400 GEN3 Nurse Call System with SF121 or SF122 Patient Stations

Tek-CARE®500 Wireless Nurse Call System with SF521UL

Tek-CARE®120 Nurse Call System with SF121 or SF122 Patient Stations

Tek-CARE®300II Nurse Call System with SF380A Patient Stations

Tek-CARE®NC200N or NC150N Nurse Call Systems with IR151B or IR152B

Tek-CARE®NC110N Nurse Call System with SF100C or SF102 Patient Stations



SF301B Call Cord

Specifications

Dimensions:	SF301B:	8' long
	SF301B/10:	10' long
	SF301B/20:	20' long
Construction:	SPST-1A switch, Integral brass, fine silver contacts 1 AMP, 115 watt maximum	
Connections:	1/4" (6.35 mm) plug-in phono jack	

Listings



UL® 1069 Listed; UL® File Number E165723.

Features

- Four multicolor LEDs can each display one of 8 colors: white, red, green, amber, blue, pink, purple, or yellow
- Simplified wiring with plug-in connection
- No bulb replacement needed
- Excellent visibility
- Fully supervised wiring to the central equipment

Description

The LI484P5 Four-LED Corridor Light with four multicolor LEDs provides visual indications of calls originating from patient, staff, duty, bath, emergency, presence and code call stations. Default patient priority and staff presence are indicated by amber, green, red and white, but may be reprogrammed. When used with a patient or staff station, the LI484P5 indicates all calls originating from that room and displays the highest priority call from the station.

Up to two LI484P5 corridor lights may be connected in series to each P5/P5+/GEN3/3000-series station. Both connected corridor lights display calls using the same flash rate and color combinations, so that calls from a single room can be displayed in two locations.

The LI484P5 may be used as a zone light by adding a PM424ZP5 Zone Light Module or connecting the dome light to an P5/P5+/GEN3/3000 Duty Station. A secondary LI484P5 corridor light can be connected to a zone light. This secondary LI484P5 mimics the zone light's call indications, so that calls from a single zone can be displayed in two locations.

When used with the Tek-CARE®120 Nurse Call System, one LI484P5 corridor light may be connected to the NC415G3 Master Station as a zone light. The LI484P5 displays the highest priority call zoned to the master station. Standalone LI484P5/PM424ZP5 zone lights connect to the P5/P5+/GEN3/3000 station bus; all other LI484P5 lights must be within 50 cable-feet of their associated NC404TS and/or NC415G3 Master Stations.

Refer to Tek-CARE® [Master Station Load Value Calculator](#) on TekTone's website for more information on power restrictions.



LI484P5 Four-LED Corridor Light

Specifications

Dimensions:	4.8"H × 5.0"W × 2.75"D (122 mm × 127 mm × 70 mm)
Power:	5 VDC, 250 mA
Construction:	Base snaps into mounting plate Note: A slot is provided at the seam between the dome light plastic base and lens faceplate for ease of disassembly. Place a flat-head screwdriver or similar tool into the slot to lift off the faceplate
Connections:	Plug-in connections
Housing:	Fits standard single- or dual-gang box with single- or dual-gang ring

Required Components

Tek-CARE®400 P5/P5+/GEN3 Nurse Call System
IR4xxP5-series/IR43xG3-series stations

Tek-CARE®3000 Nurse Call System
IR33x-series stations

NC415G3 on TC120/P5+/GEN3/3000 systems

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E71599.

Features

- Indicates call activity from programmable zones
- Inputs for up to four SF120 peripherals or input for one legacy BATH and one CODE switch
- LEDs require no bulb replacement
- Excellent visibility
- Supervised connections
- Plug-in connections
- N.O. dry contact provides two-pin header for other devices

Description

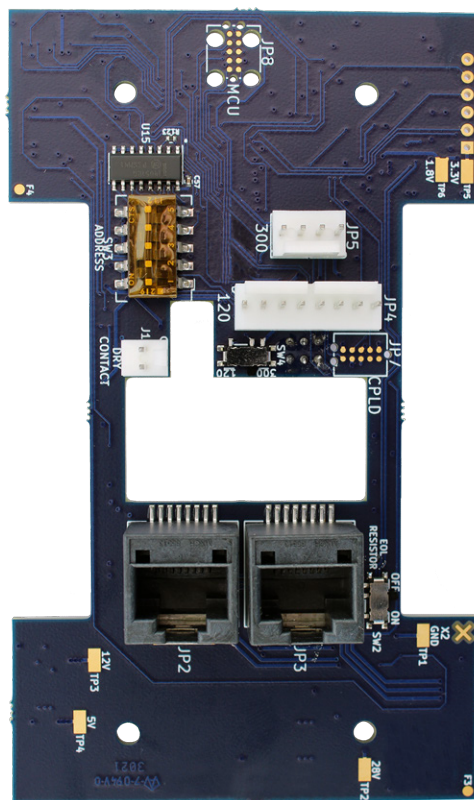
The PM424ZP5 Zone Light Module is used in combination with the LI484P5 Corridor Light to provide auxiliary visual annunciation for call activity within the zones and call types to which it is assigned. Patient priority and staff presence are indicated by eight programmable colors over four LEDs.

The PM424ZP5 is mounted to the back of the LI484P5 dome light via a plug-in connector. The PM424ZP5 also provides connections for up to four SF120 peripherals or one legacy BATH and one legacy CODE switch (SF300 series). The normally-open (N.O.) dry contact provides a two-pin header to be used for devices such as buzzers, etc. and provides a steady closure for the duration of the call.

Required Components

Tek-CARE400 P5/P5+/GEN3 Nurse Call System, or
Tek-CARE3000 Nurse Call System

LI484P5 Four-LED Corridor Light



PM424ZP5 Zone Light Module

Specifications

Power:	24-28 VDC, 120 mA
Dry contact rating:	24 VDC, 100 mA maximum
Connections:	Plug-in connectors

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E71599.

Features

- One or two ¼" call cord jacks (push-button and geriatric call cords are available)
- Illuminated reset button
- Dummy plugs available
- Call-assurance LEDs for each call cord jack
- UL/cUL® 1069 and UL® 2560 Listed
- RoHS Compliant

Description

The SF121 Single and SF122 Dual Patient Stations include one or two ¼" jacks for call cords, one or two call-assurance LEDs, and a single button to reset calls. Pressing the call cord's button registers a call at the NC415G3/NC404TS Master Station and LI122UN Room Controller with Dome Light.

Similarly, a call is registered if the call cord is accidentally removed from the call cord jack. Using an optional dummy plug prevents the station from placing a cord-out call.

Mount the station using an IH121K Single Station Mounting Kit, or mount two stations together using an IH122K Dual Station Mounting Kit. The station snaps into the kit's plastic bezel and then onto the kit's surface mounting plate, leaving no visible screw holes.

Required Components

IH121K Single Station or IH122K Dual Station Mounting Kit

LI122UN Room Controller with Dome Light, or PM120 Room Controller, or IR42xP5-series Stations

SF301A-series, SF301B, or SF301G-series call cords

Optional Components

JK018K Five (5) Dummy Plugs

RP131K Single-Gang Blank Plate (5 each)

NC415G3 or NC404TS Master Station



SF121 Single & SF122 Dual Patient Stations

Specifications

Dimensions:	4.58"H × 3.25"W × 1.03"D (116 mm × 83 mm × 26 mm)
Environment:	5%–95% non-condensing humidity; 0°C–60°C
Construction:	PC board with quality electronic components mounted on a flame-retardant (UL® 94V-0) plastic faceplate
Mounting:	Attach included back plate to a standard single-gang ring or dual-gang ring and box
Connections:	2-wire flying lead

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Easy Installation
- Mounted on a flame-retardant (UL® 94V-0) plastic panel
- Simple, reliable operation

Description

The JK300A Monitor Call Interface is for use in applications where a simple interface is needed to connect the monitor input of an IR300-series, IR400P5-series, or IR43xG3-series station to an external contact closure. The JK300A accepts a standard ¼" phono-type jacks and places a call if a plug is removed. A ¼" dummy plug is included for use when the monitor point is not connected to an external device. The JK300/2 Monitor Call Interface provides two ¼" jacks and two dummy plugs.

Applicable Systems

Tek-CARE®3000 Nurse Call System
IR33x-series Staff/Duty, or Single/Dual Patient Stations

Tek-CARE®570 Wireless Nurse Call System
SF571 Universal Transmitter

Tek-CARE®500 Wireless Emergency Caall System
SF525UL Universal Contact Transmitter

Tek-CARE®400 GEN3 Nurse Call System
IR43xG3-series Staff/Duty, Single/Dual Patient, or Multipurpose Stations

Tek-CARE®400 P5/P5+ Nurse Call System
IR400P5/P5+-series Multipurpose, Patient, Resident, Check-In, Staff, or Duty Stations

Tek-CARE®400 Nurse Call System
PM123 Auxiliary Input Module
IR400-series Multipurpose, Patient, Resident, Check-In, Staff or Duty Stations

Tek-CARE®300III Nurse Call System
IR300-series Multipurpose, Patient, Staff or Duty Stations

Tek-CARE®120 Nurse Call System
PM123 Auxiliary Input Module



JK300A, JK300/2 Monitor Call Interface

Specifications

Dimensions:	4.5"H × 2.75"W × 1.5"D × 0.25" (114 mm × 70 mm × 38 mm × 6.5 mm)
Construction:	Reliable components mounted on a flame-retardant (UL® 94V-0) plastic panel
Connections:	Wire lead pigtails
Housing:	Single-gang electrical box or ring

Features

- Sensitive touch activation
- Oxygen tent safe
- Ideal for geriatric use
- Momentary, air-activated switch
- Adjustable bed clip(s)
- UL® 1069 Listed

Description

The TekTone® SF301G Call Cord is for use with Tek-CARE® nurse call systems and wireless emergency call systems where ¼" phono jacks are used.

The SF301G Call Cord is specifically designed for use in geriatric and oxygen environments, but may also be used in general applications. To place a call, the patient applies slight pressure to the squeeze bulb using any part of the body. The force of air through the vinyl tubing closes a switch in the plug, thus placing a call. An adjustable bed clip is supplied for the SF301G and is attached to the call cord.

Required Components

Tek-CARE®3000 Nurse Call System
with SF121 or SF122 Patient Stations
or

Tek-CARE®400 GEN3 Nurse Call System
with SF121 or SF122 Patient Stations
or

Tek-CARE®500 Wireless Nurse Call System
with SF521UL or SF523UL Room Stations
or

Tek-CARE®120 Nurse Call System
with SF121 or SF122 Room Stations
or

Tek-CARE®300II Nurse Call System
with SF380A Patient Stations
or

Tek-CARE®NC200N or NC150N Nurse Call Systems
with IR151B or IR152B Patient Stations
or

Tek-CARE®NC110N Nurse Call System
with SF100C or SF102 Patient Stations



SF301G Call Cord

Specifications

Switch:	Momentary contact, air activated
Plug:	Stainless steel
Cord:	Vinyl tubing
Electrical:	Rated current 1/3 AMP, 24 VAC-VDC
Dimensions:	Cord: 6' long (1.83 m) Plug: 1.25" long (32 mm) Bulb: 1.5" diameter (38 mm)

Listings



UL® 1069 Listed and cUL® Listed to CSA
C22.2 No. 205; UL® File Number E71599.

Features

- Provides two-way audio into resident rooms
- LED illuminates when an audio connection is open
- UL/cUL® 1069 and UL® 2560 Listed
- RoHS Compliant

Description

The IR160 Audio Station is designed to be installed in a resident living area where two-way audio communication is required.

Up to four IR160s may be associated with a single station ID using the LS450 ConfigTool software.

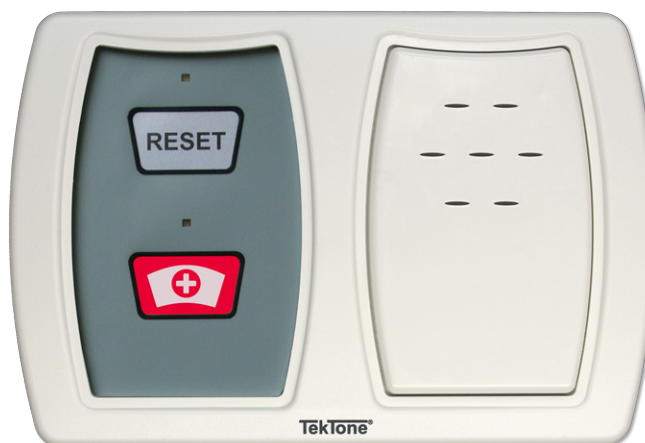
Mount the station using an IH121K Single Station Mounting Kit, or mount an IR160 Audio Station and a call-placement station together using an IH122K Dual Station Mounting Kit. The station snaps into the kit's plastic bezel and then onto the kit's surface mounting plate, leaving no visible screw holes.

Required Components

IH121K Single Station Mounting Kit -and/or-
IH122K Dual Station Mounting Kit
LI122UN Room Controller with Dome Light
-and/or-
PM120 Room Controller
NC415G3 Master Station -and/or-
NC404TS Master Station

Optional Components

RP131K Single-Gang Blank Plate (5 pack)
SF121 Single Patient Station
SF122 Dual Patient Station
SF123 Customizable 2-Button Pull-Cord Station



IR160 Audio Station (Right) shown with SF123
Customizable 2-Button Pull-Cord Station (Left)
(cord not shown)

Specifications

Dimensions:	4.58"H × 6.74"W × 1.03"D (116 mm × 171 mm × 26 mm)
Environment:	5%–95% non-condensing humidity; 0°C–60°C
Construction:	PC board with quality electronic components mounted on a flame-retardant (UL® 94V-0) plastic faceplate
Mounting:	Attach IH121K or IH122K back plate to a standard single-gang ring or single-gang ring and box
Connections:	4-wire flying lead (1 pair for Room Con- troller, 1 pair for Audio Bus) -or- 1 pair from flying lead connector and CAT5e or better cable for audio pair using optional 8P8C connectors

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2
No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Four standard button insert labels with five standard call types to choose from
- Custom insert labels can be made with the label maker and custom call types can be built using the Config Tool
- Use push button or pull cord to place a call.
- Choose whether to include pull cord during installation
- Illuminated faceplate
- Call assurance LED flashes when call is placed
- Water resistant with gasket for wet environments and easy cleaning

Description

The SF123 Customizable 2-Button Pull-Cord Station includes a call button, optional pull cord, an LED for call indication, a reset button, and an illuminated faceplate. The optional pullcord is six-feet long and can be adjusted to a smaller length as needed. The optional RP187K water-resistant seals allow the stations to be used in wet environments, such as showers, baths or tub rooms. When a call is placed, it is registered at the master station, room controller with dome light, zone lights, and duty station.

Standard call types include emergency, emergency 2, code blue, bath, and room level reset/check-in. The included inserts slide in to identify the buttons. Custom button call types and inserts can be created using the LS450 Config Tool software.

Mount the station using an IH121K Single Station Mounting Kit, or mount two stations together using an IH122K Dual Station Mounting Kit. The station snaps into the kit's plastic bezel and then onto the kit's surface mounting plate, leaving no visible screw holes.

Required Components

IH121K Single Station or IH122K Dual Station Mounting Kit
Tek-CARE®120, 400P5+/400GEN3, or 3000 Nurse Call System



SF123 Customizable 2-Button Pull-Cord Station

Specifications

Dimensions:	4.58"H × 3.25"W × 1.03"D (116 mm × 83 mm × 26 mm)
Environment:	5%–95% non-condensing humidity; 0°C–60°C
Construction:	PC board with quality electronic components mounted on a flame-retardant (UL® 94V-0) plastic faceplate
Mounting:	Requires IH121K or IH122K (purchased separately) Attach included back plate to a standard single-gang ring or single-gang ring and box.
Connections:	2-wire flying lead

Optional Components

RP187K gaskets to install in wet environments (5 each)
RP131K Single-Gang Blank Plate (5 each)
NC415G3 or NC404TS Master Station

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Station provides staff controls for room-level presence, request, code, staff emergency, staff rounding, and room reset functions
- Four configurable buttons
- Default button layout is L1, L2, Staff Emergency, and L3
- Button label insert options are provided for the 5 configurations available (see list below)
- Illuminated faceplate for low light visibility
- UL/cUL® 1069 and UL® 2560 Listed
- The ConfigTool software has a built in label maker which allows customizing the button legend



SF124 Staff Peripheral Station

Description

The SF124 Staff Peripheral Station provides staff presence, staff request, and staff rounding with programmable schedules, if so configured. Pressing a presence button activates an associated colored lamp on the associated corridor light. The connection to the IR43xG3-series station is supervised. Two-wire connections provide simple wiring.

Default button options (layouts included):

- L1, L2, Staff Emergency, L3 (Default)
- L1, L2, Staff Emergency, Reset
- L1, L2, L3, Reset
- L1, Code, Staff Emergency, Reset
- Round, Code, Staff Emergency, Reset

Required Components

NC435G3 Tek-CARE Hub

IR43xG3-series Station

or

NC455CE Central Equipment Module

IR42xP5-series Station

IH121K Single Station Mounting Kit

Specifications

Dimensions:	4.58"H × 3.25"W × 1.03"D (116 mm × 83 mm × 26 mm)
Environment:	0°C–60°C
Construction:	PC board with quality electronic components mounted to a membrane on a flame-retardant (UL® 94V-0) plastic faceplate
Mounting:	Attach the IH121K back plate to a standard single-gang ring or single-gang ring and box
Housing:	Standard single-gang box
Connections:	2-wire flying lead

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- Provides two dry contact inputs for the Tek-CARE120, Tek-CARE400 P5+/GEN3, and Tek-CARE3000 Nurse Call Systems
- Lightweight plastic housing protects the electronics
- Slim package design with modern look
- Easy to wire plug-on pigtailed connectors

Description

Each PM123 Auxiliary Input Module provides two inputs capable of monitoring normally open dry contacts. This allows the Tek-CARE120, Tek-CARE400 P5+, Tek-CARE400 GEN3, and Tek-CARE3000 Nurse Call Systems to monitor devices such as door contacts, security panel outputs, and more.

PM123 modules may be connected to LI122UN and PM120 Room Controllers or IR42xP5/IR43xG3 stations.

There are two behaviors, *Follower* and *Acknowledge*, which are programmable using the LS450 Config Tool.

The *Acknowledge* behavior is a software-latching unput that facility staff need to acknowledge at the master station to reset. The *Follower* behavior follows the device input.

Required Components

NC120, or NC455CE Central Equipment Module
LI122UN Room Controller, PM120 Room Controller, or
IR42xP5/IR43xG3/IR33x Stations

Optional Components

NC415G3 or NC404TS Master Station



PM123 Auxiliary Input Module

Specifications

Dimensions:	4.8"H × 5.0"W × .77"D (122 mm × 127 mm × 20 mm)
Environment:	5%–95% non-condensing humidity; 0°C–60°C
Housing:	Flame-retardant (UL® 94HB) plastic face-plate
Mounting:	Fits standard single- or dual-gang box with single- or dual-gang ring.
Connections:	6-wire plug-on pigtailed connector

Listings



RoHS Compliant.

Description

The ST019A is a highly reliable and cost effective magnetic reed switch used by the NC702 Door Controller to monitor door position.

The switch is low profile for unobtrusive mounting and is provided with a plastic cover to hide the wiring connections. A plastic spacer is included for mounting the permanent magnet on a steel door.

The ST019A has a standard gap of 1" between the switch and permanent magnet.

Note that for use with the Tek-CARE®700 Wander Management System, the switch must be wired for Normally Open (N.O.) operation.

Applicable Systems

Tek-CARE®700 Wander Management System
NC702 Door Controller

Tek-CARE®570 Wireless Nurse Call System
SF571 Universal Transmitter

Tek-CARE®500 Wireless Emergency Call System
SF525UL Universal Contact Transmitter

Tek-CARE®400GEN3 Nurse Call System
PM123 Auxiliary Input Module

Tek-CARE®3000 Nurse Call System
PM123 Auxiliary Input Module

Optional Components

NC475 Tek-CARE® Central Equipment with LS700K
Tek-CARE®700 Connectivity License
LS610-series Tek-CARE® Reporting
LS623-series Event Monitors



ST019A Magnetic Switch

Specifications

Dimensions:	1.0"H × 2.55"W × 0.63"D (25 mm × 64 mm × 16 mm)
Contact Rating:	100 mA Max @ 28 VDC
Cable:	22-gauge, 2-conductor
Mounting:	Surface Mount (screws included)

Listings



UL634 Standard; Honeywell File Number
BP547.

TekTone® has designed Tek-CARE®700 to work as a system. Its central equipment has been carefully designed and matched to work with Tek-CARE700 peripherals. TekTone will not warrant or support components of Tek-CARE700 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 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 Tek-CARE central equipment warranty numbers will also be required when requesting technical support.

Features

- Provides one N.O. Dry Contact Output
- Exists as an SF120 peripheral on the system as does SF121, SF123, etc.
- Four programmable behaviors
- Station snaps into a single or dual bezel, combining functions into one location
- LED indicator on faceplate shows when the dry contact is engaged
- Device initiation can occur from either an associated station, zone, or master

Description

The normally open (N.O.) Dry Contact Module provides a two-pin header for a relay/device connection and another for the station connection. Upon initiation it will provide one of four programmable output behaviors; from the master station, either a 5-second on or a toggle on/off output, or at the station, a local or zone output.

The SF126DC can be mounted individually or with another SF120 peripheral, depending on the application. Use applications for the SF126DC may include:

- Triggering an input on a security alarms panel for offsite monitoring
- Activating strobes and sirens
- Activating pre-recorded messages on 3rd party equipment

Required Components

Tek-CARE120, 400P5+/GEN3, or 3000 Nurse Call Systems

IH121K Single Station Mounting Kit

-or-

IH122K Dual Station Mounting Kit



SF126DC Dry Contact Output Module (right)
shown with
SF123 Customizable 2-Button Pull-Cord
Station (left) (cord not shown)

Specifications

Dry contact rating:	24 VDC, 100 mA maximum
Connections:	Two 2-pin pigtailed connectors; one for station controller, one for dry contact
Mounting:	Attach IH121K or IH122K to a single- or dual-gang ring and box
Construction:	PC board assembly mounted on a plastic faceplate

Features

- Enables single mounting of SF-series stations on the Tek-CARE Nurse Call Systems

Description

The IH121K Single Station Mounting Kit allows a single SF-series station to be mounted in a single housing. An IR160, SF121, SF122, SF123, or SF124 station may be installed in the IH121K to satisfy the needs of the facility.

The plastic bezel snaps onto the included mounting plate, leaving no visible screw holes. The pull-switch slider and pull-string are included in the kit. The IH121K is packaged with a locking screw for added security.

Required Components

IR160 Audio Station
SF121 Single Patient Station
SF122 Dual Patient Station
SF123 Customizable 2-Button Pull-Cord Station
SF124 Staff Peripheral Station

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.



IH121K Single Station Mounting Kit
(shown without pull-string and slider)

Specifications

Dimensions: 4.58"H × 3.25"W × 1.03"D
(116 mm × 83 mm × 26 mm)
Environment: 0°C–60°C
Construction: Flame-retardant (UL® 94V-0) plastic face-plate
Mounting: Attach included back plate to a standard single-gang ring, or single-gang ring and box

Features

- Enables dual mounting of SF-series stations on the Tek-CARE Nurse Call Systems

Description

The IH122K Dual Station Mounting Kit allows two SF-series stations to be mounted in a single housing. Any combination of two IR160, SF121, SF122, SF123, and SF124 stations may be installed in the IH122K to satisfy the needs of the facility.

The plastic bezel snaps onto the included mounting plate, leaving no visible screw holes.

Optional Components

IR160 Audio Station
SF121 Single Patient Station
SF122 Dual Patient Station
SF123 Customizable 2-Button Pull-Cord Station
SF124 Staff Peripheral Station



IH122K Dual Station Mounting Kit

Specifications

Dimensions:	4.58"H × 6.74"W × 1.03"D (116 mm × 171 mm × 26 mm)
Environment:	0°C–60°C
Construction:	Flame-retardant (UL® 94V-0) plastic faceplate
Mounting:	Attach included back plate to a standard single- or dual-gang ring, or single- or dual-gang ring and box

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.

Features

- 16 gauge stainless steel construction
- Single-gang faceplate
- Tamper-resistant spanner screws
- LED visual indicators for visual notification
- Up to six total peripherals are supported by the room station or controller

Description

The SF123V Vandal 2-Button Station has two large, low-profile, vandal resistant push buttons for Call and Cancel. The SF123V is also equipped with a call assurance LED.

The IR160V Remote Speaker/Microphone Panel provides two-way audio communication with a resident's room. The IR160V is also equipped with audio LED that illuminates with audio connection, and has a steel mesh for speaker protection.

Activating the SF336A Key Switch outside the ward enables all of the peripheral stations inside the ward, and places an Enabled call at the nurse master station. The in-use LED on the key switch indicates that the ward's staff station and emergency switches are on.

When the SF336A is activated, if a staff member requires emergency assistance, using the staff station or any of the emergency switches places a high priority call to the master station. Call placement is indicated by an LED on the staff station or emergency switch, and at the associated dome light. Call cancellation is possible only at the main station.

The SF123PSY option functions the same way as the SF123V, but is used instead when a single call button and no reset button is desired.

These devices can be used on most TekTone Tek-CARE systems (3000, GEN3, P5+, and 120 systems) as they are standard SF120 peripherals with standard SF120 connections.

Note: Use of SF123PSY with SF336A will require Tek-CARE SW version 1.46.3 or newer.



SF123V Vandal
2-Button Station



IR160V Remote
Speaker/Microphone Panel



SF123PSY Vandal
1-Button Station



SF336A Vandal
Key Switch

Required Components

Tek-CARE® 3000 Nurse Call System,
Tek-CARE® 400 GEN3 Nurse Call System,
Tek-CARE® 400 P5+ Nurse Call System, or
Tek-CARE® 120 Nurse Call System
HT007 #6 Spanner Driver

Specifications

Note: These devices require grounded backboxes. This is critical for protection against electrostatic discharge (ESD).

Note: Consider additional depth required for cable connectors.

SF123V

Dimensions: 4.5"H × 2.75"W × 2"D
(115 mm × 70 mm × 51 mm)
Construction: 16-gauge stainless-steel panel
Connections: 2-wire plug-in connectors
Mounting: Single-gang ring with a dual-gang box

SF123PSY

Dimensions: 4.5"H × 2.75"W × 2"D
(115 mm × 70 mm × 51 mm)
Construction: 16-gauge stainless-steel panel
Connections: Pigtail connections
Mounting: Single-gang ring with a dual-gang box

IR160V

Dimensions: 4.5"H × 2.75"W × 1.25"D
(115 mm × 70 mm × 32 mm)
Construction: 16-gauge stainless-steel panel
1.5" diameter (38 mm) Mylar Speaker/
Microphone
Connections: 2-wire plug-in connector or 2 8P8C jacks
Mounting: Single-gang ring with a dual-gang box

SF336A

Dimensions: 4.5"H × 2.75"W × 1.25"D
(115 mm × 70 mm × 32 mm)
Construction: 16-gauge stainless-steel panel
Connections: Plug-in connectors
Input for a latching dry contact to connect
a keypad or card reader
Mounting: Single-gang ring with a dual-gang box

Features

- Provides uninterrupted power
- Distinctive alarms for on battery and battery low

Description

The PK250B Uninterruptible Power Supply (UPS) provides uninterrupted power in the event of utility power failures, brownouts and blackouts. The PK250B is for use with the NC356CE Central Equipment (CE) Module, NC455CE Central Equipment (CE) Module, NC435G3 Tek-CARE® Hub, NC331 Tek-CARE® Hub, NC503 Central Monitoring Dialer, and the NC475 Tek-CARE® Central Equipment. Its economical cost and compact size will enhance the operation of your system.

When power is interrupted, the PK250B immediately cuts in to provide square wave power for any connected hardware until an emergency generator is activated or power is restored. In the event of a prolonged power outage, the PK250B will provide power to the limit of its battery. Battery backup for the NC475 Tek-CARE Central Equipment is rated for 10 minutes.

The unit has distinctive alarms for *on battery* and *battery low*. Other features include output receptacles for connection of equipment, and power cord for a standard 120 volt, 15 AMP power circuit.

Applicable Components

NC356CE Central Equipment Module (Tek-CARE300III Nurse Call System)
NC455CE Central Equipment Module (Tek-CARE400 P5+ Nurse Call System)
NC435G3 (Tek-CARE400 GEN3 Nurse Call System)
NC331 (Tek-CARE3000 Nurse Call System)
NC475 Tek-CARE Central Equipment



PK250B Uninterruptible Power Supply (UPS)

Specifications

Dimensions:	5.5"H × 10.8"W × 4.1"D (139.7 mm × 274.3 mm × 104.1 mm)
Battery:	
Type:	Sealed, maintenance-free lead-acid
Capacity:	600 VA / 330 W
Voltage:	115 VAC +/-8%
Frequency:	50 or 60 Hz +/-0.1% (auto-sensing)
Connections:	5x 115 VAC battery backup + surge 2x 115 VAC surge protection only 1x USB battery backup + surge
Input:	
Voltage:	120 VAC
Frequency:	50 or 60 Hz
Connection:	5' cord with right angle plug

Listings



FCC Part 15 Class B.



UL 2560 Listed; UL® File Number E71599.

Features

- Can be placed anywhere in the facility with network connectivity
- Calls can be filtered and zoned
- Resident info can be removed for HIPPA compliance
- A call tone sounds for the highest priority call

Description

The LS622-series Tek-CARE® App for TV is designed to be used as a cost-effective and attractive event monitor for the Tek-CARE system. The Tek-CARE TV App can be downloaded from the App Store free of charge.

The LS622-series Tek-CARE App for TV requires a 4th Generation or newer Apple TV. The Apple TV can be purchased from any major electronic retailer.

The Apple TV requires an NC475 Tek-CARE Central Equipment to be installed as part of the Tek-CARE system. Both the NC475 and the Apple TV running the Tek-CARE TV must be networked together on the same LAN.

In order to enable the Apple TV functionality on the Tek-CARE system, contact TekTone Sales and purchase the LS622/x software license. The LS622 can be purchased in packs of 1, 5, 10, 25, 100, and 200.

The Apple TVs with the LS622/x license can be zoned to display calls from desired zones to improve staff awareness and efficiency. In situations where the monitor is visible to facility visitors, the app can also be set to not display resident names.

Up to 255 Apple TVs with the LS622/x license can be installed on a single system.



LS622-series Tek-CARE App for TV



4th Generation Apple TV

Specifications

Connections: Ethernet or Wi-Fi connection to facility LAN.

Required Components

NC475 Tek-CARE Central Equipment
4th Generation (or newer) Apple TV and compatible display

Features

- Improves staff awareness and efficiency
- Calls can be filtered and zoned
- App-to-station and app-to-master audio support
- Send and receive text messages
- View resident information
- Call tone sounds for the highest priority call

Description

The LS621/LS631-series Tek-CARE® Staff App is a powerful tool for facility staff that improves resident care and satisfaction while giving staff members improved situational awareness and improving the efficiency of your care staff.

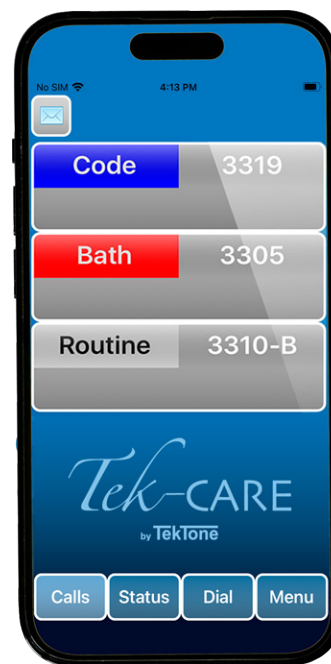
The Tek-CARE Staff App requires an NC475 Tek-CARE Central Equipment to be installed as part of the Tek-CARE system. Both the NC475 and the device running the Tek-CARE Staff App must be networked together on the same facility LAN.

In order to enable Tek-CARE Staff App functionality on the Tek-CARE system, contact TekTone Sales and purchase the LS620 App Server and LS621-series licenses as required for non-voice. Purchase the LS630 voice-based App Server and LS631-series licenses as required for the audio and voice-based option. The LS621/LS631 licenses can be purchased in packs of 1, 5, 10, 25, 50, 100, and 200.

When a patient calls the staff from a room station, the assigned staff member can answer immediately and speak directly with the patient using the Staff App with LS631 voice-based licensing on a configured mobile device.

The Tek-CARE Staff App operates as a staff device on the Tek-CARE system, allowing each individual app to be configured for a particular staff member's needs.

Up to 255 Tek-CARE Staff Apps can be used concurrently on a single system.



LS621/LS631 Tek-CARE Staff App

Specifications

Connections: Wi-Fi connection to facility LAN.

Required Components

NC475 Tek-CARE Central Equipment
Mobile iOS Devices currently supported by Apple (The Tek-CARE Staff App requires devices running iOS 10.3 or later.)
Mobile Android Device (Devices must run Android 4.1 or later.)
LS620 Tek-CARE App Server license, non-voice.
or
LS630 Tek-CARE App Server license, voice.

Description

The LS452 ADT Interface Software using the HL7 Standard runs on the NC475 Tek-CARE® Central Equipment, which is networked to Tek-CARE®400 P5+, Tek-CARE®400 GEN3, or Tek-CARE®3000 Nurse Call Systems and the facility's hospital information system (HIS).

The LS452 software receives patient information from the facility's Admit, Discharge, Transfer (ADT) system—including patient name, room number, bed number, and doctor name—and inserts it into the corresponding fields in the Tek-CARE Nurse Call Systems' patient database. Information in these fields is then available for display at NC404TS Master Stations or the NC403TS Tek-CARE Monitor.

The LS452 software is pre-installed on the NC475 Tek-CARE Central Equipment. The software is activated using a software component license (purchased separately), and enabled via the LS450 Config Tool programming software.



LS452 ADT Interface Software using the HL7 Standard

Required Components

Tek-CARE400 P5+ or GEN3 Nurse Call System
Tek-CARE3000 Nurse Call System
NC475 Tek-CARE Central Equipment
LS452 ADT Interface Software using the HL7 Standard
Connection to the facility's network
NC404TS Master Station or NC403TS Tek-CARE Monitor
Admit, Discharge, Transfer (ADT) system using the HL7
Standard, connected to the facility's network
A port to listen for messages from the ADT system

Features

- Provides interface between telephone line and the NC475 Tek-CARE® Central Equipment
- RoHS Compliant
- Allows central monitoring to be added to Tek-ALERT® and Tek-CARE systems
- Call information provided for the monitoring station using Contact ID® protocol
- SIA Digital Communication Standard - Ademco® Contact ID Protocol for Alarm System Communications

Description

The NC503 Central Monitoring Modem allows central monitoring to be added to the Tek-ALERT® Alert Integration Manager or to a Tek-CARE® nurse call or emergency call system. The NC503 provides an interface between the system's Tek-CARE Central Equipment and a telephone line in order to send alarm messages to a central monitoring station.

The NC503 Central Monitoring Modem is connected to the Tek-CARE Central Equipment via a standard straight serial cable, and is connected to a telephone wall jack using a standard 6-position/2-wire telephone cable. The NC503 includes the auto dialer, a straight serial cable, a power adapter with cord, and a telephone cable.

Applicable Components

NC475 Tek-CARE Central Equipment running Tek-CARE Software version 1.16 or greater, plus one or more:

- Tek-CARE®120 Nurse Call System
- Tek-CARE®300 II/III Nurse Call System
- Tek-CARE®400 P5 & P5+ Nurse Call Systems
- Tek-CARE®400 GEN3 Nurse Call System
- Tek-CARE®500 Wireless Nurse Call System
- Tek-CARE®700 Wander Management System
- Tek-CARE®3000 Nurse Call System
- Tek-ALERT® Alert Integration Manager



NC503 Central Monitoring Modem

Specifications

Dimensions:	0.88"H × 4"W × 6"D (22 mm × 102 mm × 152 mm)
Power:	9 VAC, 1000 mA power adapter
Environment:	0°C–60°C
Connections:	Plug-in type
Isolation:	Mechanical relay, Opto-isolator and telephone coupling transformer
Housing:	High-strength plastic

Listings



RoHS Compliant.

Features

- Pre-programmed for use with TekTone systems
- Approximate one-mile range in ideal conditions

Description

The NC365B Paging Transmitter receives alphanumeric messages and patient call information via serial interface and transmits the information directly to pagers. Information is sent to the transmitter at 9600 baud to minimize bottlenecks. Call type and location are determined by the system supplying information to the transmitter. The NC365B Paging Transmitter is pre-programmed for use with TekTone® systems for simplified plug-and-play setup.

The system's range depends upon the site and the transmitter's location. To determine the exact coverage, conduct a site survey. Under ideal conditions, the NC365B Paging Transmitter's range is approximately one mile. The unit includes a 1/4-wave BNC-terminated antenna to provide coverage that meets most requirements.

Required Components

NC397A Pagers plus one of these systems:

- Tek-CARE®3000 Nurse Call System
- Tek-CARE®400 GEN3 Nurse Call System
- Tek-CARE®400 P5/P5+ Nurse Call System
- Tek-CARE®400 Nurse Call System
- Tek-CARE®NC300II Nurse Call System
- Tek-CARE®120 Nurse Call System
- Tek-CARE®NC110/150/200 Nurse Call System (requires NC377-series Paging Interface Adapter/Voltage Interface)
- Tek-CARE®500 Wireless Nurse Call System
- Tek-ALERT®Alert Integration System
- NC475 Tek-CARE® Central Equipment

Optional Components

BA365K Battery Backup Kit



NC365B Paging Transmitter

Specifications

Dimensions:	7.48"H × 12.99"W × 2.76"D (190 mm × 330 mm × 70 mm)
Clearance:	7.87" (200 mm) minimum clearance on all sides
Ports:	Scope protocol RS232 serial DB9 COMP2 protocol RS232 serial DB9 8 dry contact inputs configured as Normally Open (#8 is preprogrammed to send RANGE TEST to CAP code 400 using included dummy plug.)
Housing:	Surface mounted
Frequency:	457.55 MHz
Channel spacing:	12.5 KHz
Adjacent channel:	Better than 200nW @ 4.5 KHz deviation
Baud rate:	9600 serial input 1200 transmit
Power:	115 VAC 0.8 A, 50/60 Hz input 2 Watt output Consumption less than 50 mA standby; up to 2.4 A transmit 13.8 Volts DC operating voltage

Each paging system installed in the United States is required by law to have an FCC license. The FCC license can be obtained directly by the end user or through an authorized agent. The FCC application process takes approximately two weeks and provides the end user with a ten-year renewable license. To apply for an FCC license, visit: <http://wireless.fcc.gov/uls/index.htm>. Paging is an ancillary method of call annunciation, and is not intended to replace the primary annunciation provided by the nurse call system.

Features

- Alphanumeric
- 2-line 20-character backlit display
- Easy to use large 4-button design
- Pre-programmed with up to 8 user-specified CAP codes
- 4 vibrate patterns and 5 tone alert styles
- Real-time clock
- Message time stamping
- Low battery indicators
- Includes holster belt clip and bungee safety cord

Description

The NC397A Alphanumeric Pager is a radio pager with a large 2-line display. It includes a holster/belt clip and bungee safety cord. The pager is designed for use with TekTone® Tek-CARE® Nurse Call systems, Tek-CARE500 Wireless Emergency Call System, and Tek-ALERT® Alert Integration System.

The pager stores up to 60 messages of 239 characters each. Messages may be selectively deleted or locked into memory. Messages not locked into memory are automatically deleted as new messages arrive (beyond the 60 message limit), with the oldest messages deleted first.

The NC397A pager may be configured for annunciation via vibration or audible tones, and has one alarm for daily annunciation. It can be programmed to turn on and off at preset times each day.

The NC397A pager is pre-programmed to receive call information from TekTone systems.



NC397A Alphanumeric Pager

Specifications

Dimensions:	2.087"H × 2.99"W × 0.67"D (53 mm × 76 mm × 17 mm) without holster belt clip
Weight:	1.76 oz. (50 g) without battery
Protocol:	POCSAG
Operating freq:	457.550 Mhz
Power:	1 AAA battery

Required Components

NC365B Paging Transmitter
plus one of these systems:

- Tek-CARE®3000 Nurse Call System
- Tek-CARE®400 GEN3 Nurse Call System
- Tek-CARE®400 P5/P5+ Nurse Call System
- Tek-CARE®400 Nurse Call System
- Tek-CARE®300III Nurse Call System
- Tek-CARE®120 Nurse Call System
- Tek-CARE®NC110/150/200 Nurse Call System
(requires NC377-series Paging Interface Adapter/
Voltage Interface)
- Tek-CARE®500 Wireless Nurse Call System
- Tek-ALERT® Alert Integration System
- NC475 Tek-CARE® Central Equipment

Paging is an ancillary method of call annunciation, and is not intended

Features

- Compliant with IEEE 802.3 (10Base-T), 802.3u (100Base-FX) standards, and 802.3u (100Base-TX) standards
- Wall mountable or desktop installation options
- No configuration, Plug-and-Play installation

Description

The NC556 Ethernet to Fiber Converter is used when Ethernet connections in any Tek-CARE® nurse call system must be extended over 100 meters. The NC556 Ethernet to Fiber Converter is particularly useful for large campuses or in instances when the Tek-CARE central equipment cabinets are located in multiple buildings and must be interconnected to create a single system.

The NC556 Ethernet to Fiber Converter does not require setup or configuration—it is a truly plug-and-play device and is operationally transparent to the nurse call system. Potential uses for the NC556 include linking Tek-CARE central equipment cabinets, connecting a NC475 Tek-CARE Central Equipment to a remote Tek-CARE central equipment cabinet, or extending the Tek-CARE Network to NC404TS Master Stations.

The NC556 supports a maximum fiber optic cable length of 2 kilometers (1.2 miles). The NC556 is designed for SC-terminated multimode fiber optic cable. The fiber converter fully complies with applicable IEEE 802.3 standards. It is UL® 1069 listed for use with the Tek-CARE nurse call system.

A 12 VDC power transformer is included. As an integral part of the nurse call system, the NC556 Ethernet to Fiber Converter must be connected to a Uninterruptible Power Supply and life safety electrical circuit.

TekTone® recommends that the NC556 Ethernet to Fiber Converter be installed by a technician who is experienced in making multimode fiber connections.

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599. Evaluated to UL60950-1 Standard.



NC556 Ethernet to Fiber Converter

Specifications

Dimensions:	3.7"H × 3.0"W × 0.8"D (94 mm × 76 mm × 20 mm)
Local unit connectors:	1- 8P8C Female
Remote unit connectors:	1- Fiber Optic SC Female
Max data transfer rate:	10/100 Mbps
Max transfer distance:	2 km (1.2 miles)
Fiber type:	Multi Mode
Wavelength:	1310 nm
Power consumption:	200 mA @ 12 VDC
Enclosure type:	Plastic
Environment:	0°C - 50°C (32°F - 122°F), 10% - 90% Relative Humidity

Applicable Systems

Tek-CARE®120 Nurse Call System
Tek-CARE®400, P5/P5+/GEN3 Nurse Call Systems
Tek-ALERT® Alert Integration Manager
Tek-CARE®500 Wireless Nurse Call System
Tek-CARE®700 Wander Management System
Tek-CARE®3000 Nurse Call System