

Tek-CARE®300 III Nurse Call System

Submittal Package
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Features

- Two station ports provide connections for up to 64 NC300II stations.
- Two master station ports provide connections for up to 10 touchscreen master stations.
- Enables legacy stations to function on the Tek-CARE Network.
- Network up to 20 modules together on the Tek-CARE System.
- Stackable shelf mount; 2U rack mount kit included.
- Programmable using our exclusive Config Tool software via laptop connected to the Tek-CARE Network.
- UL/cUL®1069 and UL®2560 Listed.
- RoHS Compliant.

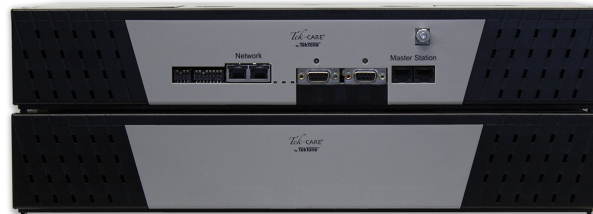
Description

The NC356CE is a third-generation module designed as part of the Tek-CARE platform. This module is capable of connecting to legacy NC300II patient stations, duty stations, staff stations, etc. and seamlessly integrating them to more modern hardware on the Tek-CARE Network.

The NC356CE is stackable and rack mountable. The NC356CE includes on-board backup batteries to transition the nurse call system over to generator backup power.

The NC356CE allows facilities to retain their original field stations and familiar operation while opening the door to advanced features like event logging and reporting, modern touchscreen master stations, the Tek-CARE Staff App, and much more. It is a cost-effective solution for facilities that desire more advanced features from their legacy nurse call system, but do not wish to install a completely new system.

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



NC356CE Central Equipment Module
PK356 Power Supply also shown (included).

Specifications

Dimensions:	3.25"H × 17.00"W × 10.05"D (83 mm × 432 mm × 255 mm)
Construction:	PC board with quality electronic components
Input Power:	90VAC–264VAC at 50Hz–60Hz
Typical current usage:	1.6A at 115VAC or 0.9A at 230VAC
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)
Built-in Surge Protection:	783V clamping

Listings



Listed by Underwriters Laboratories, Inc. to the UL®1069 seventh edition standard for Hospital Signaling and Nurse Call Equipment, the UL®2560 standard for Emergency Call Systems, and cUL® Listed to CSA C22.2 No. 205. UL® File Number E71599.



RoHS Compliant.

Required Components

Tek-CARE300II Patient Stations

Optional Components

NC475 Tek-CARE Appliance Server
NC415AV/NC404TS Master Stations

Features

- 22" touchscreen monitor for call annunciation and interaction.
- Full-duplex audio connections between master stations and P5 patient stations.
- Fully supervised.
- Displays 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 NC404L is UL/cUL 1069 and UL2560 Listed.
- RoHS Compliant.

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.

Listings



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RoHS Compliant



NC404TS Master Station

Specifications

Dimensions:	Monitor: 11.60"H × 22.15"W × 4.85"D (295 mm × 586 mm × 123 mm)
	NC404L w/ Handset: 8.28"H × 2.86"W × 2.1"D (210 mm × 72" W × 53 mm)
Construction:	PC board with quality electronic components
Input Power:	120VAC at 50Hz–60Hz (touchscreen monitor) 12VDC (NC403 component) P5 Bus Power (NC404 component)
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)

Required Components

Gen2 Modules and compatible stations
NC475 Tek-CARE Appliance Server

Features

- Master station console option for systems using Gen2 central equipment modules (NC120, NC160, NC356CE, and NC455CE). See NC404TS for another master option.
- A touchscreen is provided for user interface making it simple to navigate calls or menus.
- Use for both audio/visual and tone/visual applications.
- Button directory tabs are provided and are inserted depending on the system type.
 - Typically for Audio/visual systems: TALK, RESET, & TONE OFF (routine level call only).
 - Typically for Tone/visual systems: BLANK, RESET, & TONE OFF (routine level call only).

Description

The NC415AV provides for push to talk audio control for audio capable systems, but 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 the other TekTone products including the NC404TS, NC403TS, and Tek-CARE Apps allowing staff to view calls on the same familiar screen across devices on the same system. 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 NC415AV.

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

Listings



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RoHS Compliant.



NC415AV with TA415L Handset



NC415AV with IH415LD Desk Mount Housing

Specifications

Dimensions:	NC415AV: 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
Electrical Rating:	24V, 30VA (AC or DC)
Construction:	PC board with quality electronic components.
Housing:	IH415LD for desk mount; IH415W plus standard two-gang box with two-gang ring for wall mount.
Connections:	8P8C modular plug and jack

Required Components

Gen2 modules on the Tek-CARE platform

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

Optional Components

TA415L Handset
LI484P5 4-LED Multicolored Dome Light

Features

- Can be placed anywhere in the facility with LAN connectivity
- Touchscreen monitor for easy interaction
- Calls can be filtered and zoned
- Can operate as a non-interactive display if only a call display is desired
- Optional supervision

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 Tek-CARE Monitor is connected to the Tek-CARE system via the facility's local area network (LAN). A CL234 wall-mount bracket may be purchased separately and used in conjunction with a VESA designed TV/Monitor wall mount bracket.

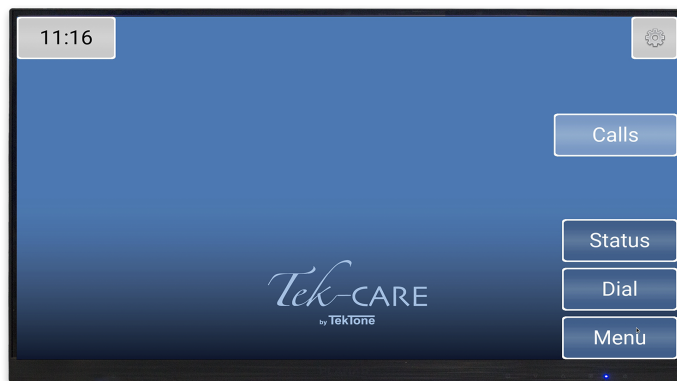
The NC403TS Tek-CARE Monitor offers many functions used by facility staff on a daily basis, such as call display and the ability to view details about a call, resident information, status display, and more. The NC403TS Tek-CARE Monitor can also modify its own annunciation settings and display system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

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

Specifications

Connection: Ethernet connectivity to facility LAN

Display: 22" touchscreen display



NC403TS Tek-CARE Monitor



NC403NOTS Hardware

Required Components

NC475 Tek-CARE Appliance Server

Optional Components

CL234 Wall-Mount Bracket

Features

- Proprietary nurse call appliance server running the Tek-CARE OS. The Tek-CARE Appliance Server is available in two different variants.
 - The NC475 is a headless appliance server.
 - The NC475DESK is supplied with a 22" touch-screen monitor (size may vary) and wireless keyboard and mouse.
- Functions as a tone-visual master station for the Tek-CARE500 system.
- 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 receivers.

Description

The NC475 Tek-CARE Appliance Server provides the platform to install and run various software modules for Tek-CARE communications platform. The Tek-CARE Appliance Server 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 Tek-CARE Appliance Server 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 NC510UL and NC510ES Receiver, and NC510 FA Receiver.

The LCD screen on the Tek-CARE Appliance Server 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 Tek-CARE Appliance Server
(Keyboard and mouse not pictured)



NC475 Tek-CARE Appliance Server

Listings



The NC475 Tek-CARE Appliance Server is listed by Underwriters Laboratories, Inc. to the UL 1069 seventh edition standard for Hospital Signaling and Nurse Call Equipment, the UL 2560 standard for Emergency Call Systems, and cUL listed to CSA C22.2 No. 205. UL File Number E71599.

Applicable Systems

Tek-CARE® 120 and 160 Nurse Call Systems
Tek-CARE® 300III Nurse Call System
Tek-CARE® 400 Nurse Call System
Tek-CARE® 400 P5/P5+ Nurse Call System
Tek-CARE® 500 Wireless Nurse Call System
Tek-CARE® 600 Alert Integration Manager
Tek-CARE® 700 Wander Management System

Dimensions

2.5"H × 13.45"W × 7.875"D
(64 mm × 347 mm × 199 mm)

Power

AC/DC Power Adapter Included.
Input: 100-240VAC, 2A, 50/60Hz
Output: 12VDC, 5A, 60W Max
Battery Backup: TekTone PK250B or equivalent required

Software License Selections

Individually available software modules run on the Tek-CARE Appliance Server, adding ancillary features to the healthcare communications system.

System Connectivity:

- **LS120 Tek-CARE120 connectivity license** enables the Tek-CARE Appliance Server to import events from Tek-CARE120 Nurse Call Systems.
- **LS160 Tek-CARE160 connectivity license** enables the Tek-CARE Appliance Server to import events from Tek-CARE160 Nurse Call Systems.
- **LS301 Tek-CARE300II & LS300 Tek-CARE300III connectivity license** enables the Tek-CARE Appliance Server to import events.
- **LS400 Tek-CARE400 connectivity license** enables the Tek-CARE Appliance Server to import events from Tek-CARE400 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 Tek-CARE Appliance Server to import events from FA, ES, and UL version Tek-CARE500 Wireless Nurse Call Systems.
- **LS600 Tek-ALERT connectivity license** enables the Tek-CARE Appliance Server 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 Tek-CARE Appliance Server 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 Tek-CARE Appliance Server, 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 Tek-CARE Appliance Server. 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-CARE120/160, 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 Tek-CARE Appliance Server, plus up to 255 personal computers networked to the Tek-CARE Appliance Server. (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 Tek-CARE Appliance Server to send events via the facility's WiFi 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 Tek-CARE Appliance Server, 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 Tek-CARE Appliance Server. 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

- 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.

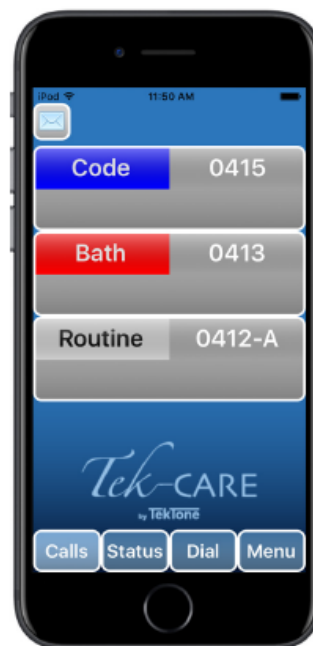
The Tek-CARE Staff App requires an NC475 Tek-CARE Appliance Server to be installed as part of the Tek-CARE system. Both the NC475 and the device running the Tek-CARE Staff App must be networked together on the same facility LAN.

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: WiFi connection to facility LAN.

Required Components

- NC475 Tek-CARE Appliance Server
- 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.)

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 Tek-CARE TV for the Apple TV App 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.

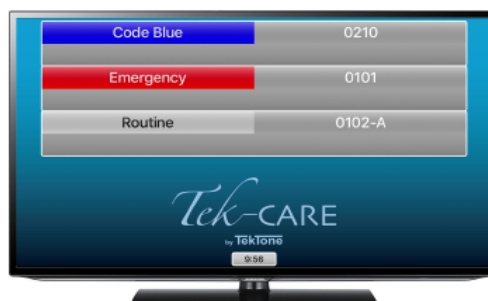
The Tek-CARE TV requires a 4th Generation or newer Apple TV. The Apple TV can be purchased from any major electronic retailer.

The Apple TV requires an NC475 Tek-CARE Appliance Server 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 software license. The LS622 can be purchased in packs of 1, 5, 10, 25, 100, and 200.

The Tek-CARE TV 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 Tek-CARE TVs can be installed on a single system.



LS622 Tek-CARE® TV



4th Generation Apple TV

Specifications

Connections: Ethernet or WiFi connection to facility LAN.

Required Components

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

Description

The CT601 Serial to IP Converter is used to connect a Tek-CARE®300/II nurse call system or a monitored foreign system to a facility's LAN. Events and messages from the connected system are sent across the LAN to the NC475 Tek-CARE® Appliance Server.

The CT601 Serial to IP Converter becomes a virtual COM port on the NC475 Tek-CARE Appliance Server, and provides long distance communication between it and the monitored serial device. The CT601 eliminates the otherwise expensive long distance cabling required for these connections.

Configuring the CT601 is accomplished using software provided with the device. The unit can be wall or DIN-rail mounted. The CT601 incorporates surge protection.

Specifications

Serial Port:	Male DB9 serial port, 1200 bps to 115 Kbps, hardware flow control
RS232 Signals:	Rx, Tx, RTS, CTS, DTR, DSR, GND, DCD
Network Port:	10Base-T Ethernet
Protocols:	ARP, IP/ICMP, TCP/IP, Telnet, DHCP client, DNS
Security:	User ID & Password, IP Address filtering
Power:	7.5 ~ 15VDC, 300mA 7.5V
Environment:	90% non-condensing humidity; 0°C ~ 50°C operating temperature
Dimensions:	3.9"×2.8"×1.0" (100mm×72mm×25mm)
Certification:	FCC (A), CE, MIC



CT601 Serial to IP Converter

Required Components

NC475 Tek-CARE Appliance Server with nurse call system license, event monitor software and reporting software.

Description

The PK250B Uninterruptible Power Supply provides uninterrupted power in the event of utility power failures, brownouts and blackouts. It is for use with the NC356CE Central Equipment (CE) Module, NC455CE Central Equipment (CE) Module, NC503 Central Monitoring Dialer, and the NC475 Tek-CARE Appliance Server. 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 Appliance Server 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.

Specifications

Battery Output:

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

Battery:

Type:	Sealed, maintenance-free lead-acid
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Size:

Overall:	5.5" x 10.8" x 4.1"
Weight:	7.5 lbs.



PK250B Power/Standby UPS

Listings

FCC Part 15 Class B, FCC Part 68, TUV, UL® 1778, UL® 2560

Applicable Components

NC356CE Central Equipment (Tek-CARE300III Nurse Call System)

—or—

NC455CE Central Equipment (Tek-CARE400 P5+ Nurse Call System)

—or—

NC475 Tek-CARE® Appliance Server

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 Appliance Server 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 Appliance Server 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.

Specifications

Dimensions: Height: .88" (22 mm)
Width: 4" (102 mm)
Length: 6" (152 mm)

Power: 9Vac, 1000mA power adapter

Environment: 0°C–60°C

Connections Plug-in type

Isolation: Mechanical relay, Opto-isolator and telephone coupling transformer

Housing: High-strength plastic



NC503 Central Monitoring Modem

Applicable Components

NC475 Tek-CARE Appliance Server® running Tek-CARE Software version 1.16 or greater, plus one or more:

- Tek-CARE®120/160 Nurse Call Systems
- Tek-CARE®300 II/III Nurse Call System
- Tek-CARE®400 P5 & P5+ Nurse Call Systems
- Tek-CARE®500 Wireless Nurse Call System
- Tek-CARE®700 Wander Management System
- Tek-ALERT® Alert Integration Manager



RoHS Compliant

Listings

Features

- UL® 1069 Listed
- Supervised
- Microprocessor design
- Solid-state multiplex circuitry
- Simplified multiplex wiring using plug-in connectors
- Flame-retardant (UL® 94V-0) plastic faceplate

Description

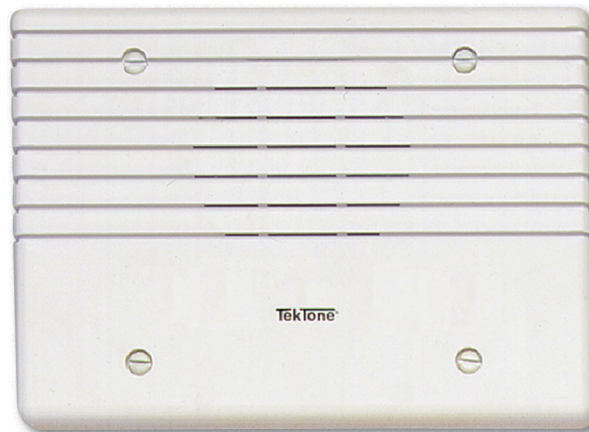
The IR300E Multipurpose Station provides for audible, visual and digital communications to and from the Tek-CARE®300II central equipment (CE) when receiving or sending signals to remotely connected devices. The IR300E includes inputs for contact closures and all types of emergency call switches for these systems. It also provides outputs to speakers or paging amplifiers, and dome or zone lamps. It does not have the controls, LEDs, or speakers normally associated with patient, staff or duty stations.

Some practical applications for the IR300E are as follows: provides input for code emergency call stations in an ICU; a PA amplifier interface for the nurse call master; a control point for exit/entry doors and narcotics cabinets; provides input for bath emergency call switches in public bath areas; provides input/output to a remote door intercom station for access control.

Listings



UL® 1069 listed; UL® File Number E71599.



IR300E Multipurpose Station

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	6.375"	(162 mm)
	Depth:	2.75"	(70 mm)
	Projects:	0.375"	(9.5 mm)
Construction:	Flame retardant (UL® 94V-0) plastic		
Connections:	Plug-in type		
Housing:	Steel City #H3BD with Steel City #3GC plaster ring, or exact equal. Horizontal mount.		
Wiring:	Multiplex.		

Required Components

Tek-CARE®300II Nurse Call System

Features

- UL® 1069 Listed
- Supervised
- Microprocessor design
- Solid-state multiplex circuitry
- Field programmable for staff or patient station operation
- Programmable call priority
- All stations interchangeable
- Simplified multiplex wiring using plug-in type connectors
- Attractive flame retardant (UL® 94V-0) plastic panel

Description

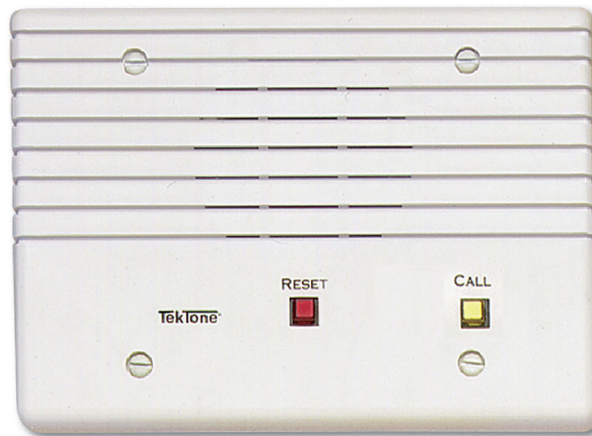
The IR310E Staff Station provides reliable two-way, hands-free communication between the nurse master station and utility room, examination rooms, kitchen, or any location where staff members may need to originate calls or where cord sets are not required. Calls are placed by use of a momentary push button. Solid-state lights on the panel indicate that the 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.

Listings



UL® 1069 listed; UL® File Number E71599.



IR310E Staff Station

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	6.375"	(162 mm)
	Depth:	2.75"	(70 mm)
	Projects:	0.5"	(12.7 mm)
Construction:	Flame retardant (UL® 94V-0) plastic		
Finish:	Light texture, white		
Speaker:	2.5" × 2.5" (64 mm × 64 mm)		
Connections:	Plug-in type		
Housing:	Steel City #H3BD with Steel City #3GC plaster ring or exact equal. Horizontal mount.		

Required Components

Tek-CARE®300II Nurse Call System

Features

- UL® 1069 Listed
- Supervised
- All stations interchangeable
- Simplified multiplex wiring using plug-in connectors
- Attractive, flame retardant (UL® 94V-0) plastic faceplate
- Selective annunciation of call priority

Description

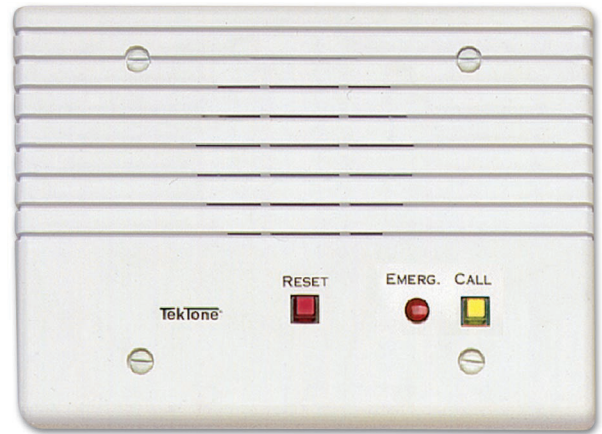
The IR315F Duty Station provides reliable two-way, hands-free communication between the nurse master station and utility rooms, examination rooms, kitchen, or any location where a nurse may perform a function out of hearing or sight of the master station. Calls are placed to the master station by use of a momentary push button. When the call is answered at the master station, the red in-use indicator on the duty station lights, and the nurse may then carry on a conversation from the remote location.

A call originating from a patient station is indicated both audibly and visually at the duty station to which it is assigned. Normal calls are indicated by a steady illumination of the yellow call-placed indicator and a slow repeating tone. Emergency/bath calls cause alternate flashing of the yellow call-placed and red emergency indicators and a rapid repeating tone. Code calls function the same as emergency calls, but at twice the pulse rate. Dome light indication is also provided. All calls initiated from stations other than the duty station can be reset only at the master station or point of origin.

Listings



UL® 1069 listed; UL® File Number E71599.



IR315F Duty Station

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	6.375"	(162 mm)
	Depth:	2.75"	(70 mm)
	Projects:	0.5"	(12.7 mm)
Construction:	Flame retardant (UL® 94V-0) plastic		
Speaker:	2.5" × 2.5" (64 mm × 64 mm), 60 ohm		
Connections:	Plug-in type		
Housing:	Steel City #H3BD with Steel City #3GC plaster ring, or exact equal. Horizontal mount.		

Required Components

Tek-CARE®300II Nurse Call System

Features

- UL® 1069 Listed
- Supervised
- Microprocessor design
- Solid-state multiplex circuitry
- All stations are interchangeable
- Simplified multiplex wiring using plug-in connectors
- Flame-retardant (UL® 94V-0) plastic faceplate
- Six-foot washable TPU plastic pull cord

Description

The IR318B single patient station provides reliable two-way hands-free communication between patient and nurse, and provides for programmable privacy, paging and patient priority from the master station.

Calling the nurse is accomplished by pulling on the end of the pull cord. Solid-state LEDs on the panel indicate the call has been placed and the intercom is in use.

Listings



UL® 1069 listed; UL® File Number E71599.



IR318B Single Patient Station

Specifications

Dimensions:	Height:	4.5"	(119 mm)
	Width:	6.375"	(162 mm)
	Depth:	2.75"	(70 mm)
	Projects:	0.5"	(12.7 mm)
Construction:	Flame-retardant (UL® 94V-0) plastic.		
Speaker:	2.5" × 2.5" (64 mm × 64 mm)		
Connections:	Plug-in type		
Housing:	Steel City #H3BD with Steel City #3GC plaster ring, or exact equal. Horizontal mount.		
Wiring:	Multiplex		

Required Components

Tek-CARE®300II Nurse Call System

IR319B Single and IR320B Dual Patient Stations

IL713 Specification Sheet

Tek-CARE®300II Nurse Call System • Rev. 5 - 11/2016

Features

- UL® 1069 Listed
- Supervised
- All stations interchangeable
- Simplified multiplex wiring and plug-in connectors
- Input available for Hill-Rom® Sidecom® beds or remote call-in button applications
- Uses pillow speakers or push-button call cords

Description

The IR319B Single Patient Station provides reliable two-way, hands-free communication between patient and nurse, and provides for programmable privacy, paging and patient priority from the master station. Calling the nurse is accomplished by pressing the call cord button or the area indicated nurse on the pillow speaker. Solid state LEDs on the panel indicate the call has been placed and the intercom is in use.

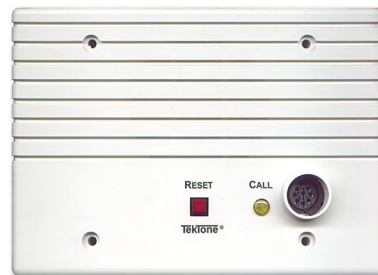
If the pillow speaker or call cord is accidentally removed from its receptacle, the nurse master station registers a non-cancellable cord out call. The call may be reset only by returning the call cord or pillow speaker to its receptacle.

The IR320B Dual Patient Station has the same specifications and functions as the IR319B, plus an additional independently operating call cord/pillow speaker receptacle and a second call-placed indicator.

Listings



UL® 1069 listed; UL® File Number E71599.



IR319B Single and IR320B Dual Patient Stations

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	6.375"	(162 mm)
	Depth:	2.75"	(70 mm)
	Projects:	1.0"	(25 mm)
	above mounting surface		
Construction:	Flame-retardant (UL® 94V-0) plastic faceplate		
Speaker:	2.5" × 2.5" (64 mm × 64 mm)		
Connections:	Plug-in type		
Housing:	Steel City #H3BD and #3GC plaster ring, or exact equal. Horizontal mount.		

Required Components

Tek-CARE®300II Nurse Call System

www.tektone.com

324 Industrial Park Road • Franklin, NC 28734 • tektone@tektone.net

Phone: 828.524.9967 • Fax: 828.524.9968 • Sales: Choose option 2 • Tech Support: Choose option 3

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

Features

- UL® 1069 Listed
- Oxygen safe
- Impact resistant and waterproof
- Small, lightweight pendant fits comfortably in hand
- Bed clips included

Description

The TekTone SF401A single call cord is for use with the Tek-CARE400, Tek-CARE400 P5/P5+, and Tek-CARE300III Nurse Call Systems, where 8-pin DIN jacks are used. The SF401A 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.

Specifications

Dimensions:	SF401A:	7' (2.13 m) long
	SF401A/10:	10' (3.05 m) long
	SF401A/15:	15' (4.57 m) long
	SF401A/20:	20' (6.10 m) long
Connection:	8-pin DIN plug	
Construction:	SPST1-A switch	
	Integral brass, fine silver contacts	
	1 AMP, 15 watt maximum, AC	

Listings



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



SF401A Oxygen-Safe Call Cord

Required Components

for the Tek-CARE400 Nurse Call System:
IR411, IR412, IR412EPB patient stations

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

for the Tek-CARE300III Nurse Call System:
IR319B, IR320B patient stations

Features

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

Description

TekTone® SF401G Call Cords are 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 R412P5/IR422P5 patient stations, and Tek-CARE®300III IR319-series and IR320-series 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.

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)



SF401G Call Cord

Required Components

Tek-CARE®300III Nurse Call System
IR319- or IR320-series Patient Stations
or
Tek-CARE®400 Nurse Call System
IR411- or IR412-series Patient Stations
or
Tek-CARE®400 P5/P5+ Nurse Call System
IR411P5/IR421P5 or IR412/IR422P5 Patient Stations

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 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.

Listings



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

Specifications

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



SF401GP Geriatric Pad Call Cord

Required Components

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

for Tek-CARE®400 or 400 P5+Nurse Call Systems:
IR4xxP5-series Patient Stations
SF401EX Strain Relief Cable

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.

Listings



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

Specifications

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



SF401EX Strain Relief Cable

Required Components

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

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

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

Optional Components

NC415AV or NC404TS Master Station

Features

- Universal IR television remote-built-in
- UL® 1069 Listed
- Oxygen Safe
- Flame-retardant (UL® 94V-0) high-impact plastic
- Long lasting switches
- 8' cord with DIN plug and security clip
- Provides pillow speaker intercom and light controls when used with the appropriate station modules

Description

The SF401KIRL Pillow Speaker may be used with Tek-CARE400 IR411-series and IR412-series patient stations, Tek-CARE400 P5 IR411P5 and IR412P5 patient stations, and Tek-CARE300III IR319-series and IR320-series patient stations. The SF401KIRL features an eight-foot cord and an eight-pin DIN connector.

The SF401KIRL pillow speaker provides call placement to the master station, as well as a built-in universal infrared remote control. This IR remote control may be programmed to control numerous brands of consumer-grade televisions, such as LG, Samsung, Magnavox, Toshiba, and many more. Programming instructions and codes are included with each SF401KIRL pillow speaker. The IR remote control is powered by user-replaceable AAA batteries.

When used in conjunction with the appropriate TekTone® pillow speaker modules, the pillow speakers also supply two-way, hands-free communication with the master station.

Push buttons are provided to call the nurse, plus TV power, channel selection up/down, Closed Captioning, mute, and two light controls. Buttons are also provided for volume up/down, last channel, sleep timer, and for direct channel access.

Note that the SF401KIRL does not transmit audio from the television through the pillow speaker. If this function is required, hospital-grade televisions must be installed, and TekTone SF41ZKL pillow speakers must be used.

Listings



UL® 1069 listed



SF401KIRL Pillow Speaker

Specifications

Dimensions:	9"H × 3.125"W × 1.375"D
	Cord: 8' long
Construction:	Flame-retardant (UL® 94V-0) plastic

Required Components

for Tek-CARE® 300III Nurse Call Systems:

IR319- or IR320-series Patient Station
PM311C or PM312C Pillow Speaker Intercom Module
PM321B or PM322B Light Control Module
or

for Tek-CARE® 400 Nurse Call Systems:

IR411- or IR412-series Patient Station
PM421 or PM422 Pillow Speaker & Bed Interface Module
or

for Tek-CARE® 400 P5 Nurse Call Systems:

IR411P5 or IR412P5 Patient Station
PM421P5/PM422P5 Pillow Speaker Module

Features

- UL® 1069 Listed
- Oxygen safe
- Fully sealed for easy cleaning
- Flame-retardant (UL® 94V-0) high-impact plastic
- Long-lasting switches surpass UL® 1069 requirements
- 8-foot cord with DIN plug and security clip
- Provides pillow speaker intercom and light control (when used with appropriate modules)
- Special order: analog volume control, 10-foot cord, earphone jack

Description

The SF41ZKL Pillow Speaker is used with Tek-CARE400 IR411-series and IR412-series patient stations, Tek-CARE400 P5 IR411P5 and IR412P5 patient stations, and Tek-CARE300II/III IR319-series and IR320-series patient stations.

The pillow speaker provides call placement to the master station, as well as remote control for hospital-grade TVs. The pillow speaker is programmed by default for Zenith Digital TVs, however, the pillow speaker can be reprogrammed to match the code set that is required by other hospital-grade TVs.

When used in conjunction with the appropriate TekTone pillow speaker modules, 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.

Push buttons are provided to call the nurse, plus TV power, channel selection up/down, Closed Captioning, mute and two light controls. Buttons are also provided for volume up/down (analog volume controls are available by special order) and for direct channel access (in some models).

Listings



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



SF41ZKL Pillow Speaker

Required Components

Hospital-grade TV

for Tek-CARE®300II/III Nurse Call Systems:

IR319- or IR320-series Patient Station
PM311C or PM312C Pillow Speaker Intercom Module
PM321B or PM322B Light Control Module

for Tek-CARE®400 Nurse Call Systems:

IR411- or IR412-series Patient Station
PM421 or PM422 Pillow Speaker & Bed Interface Module

for Tek-CARE®400 P5 Nurse Call Systems:

IR411P5 or IR412P5 Patient Station
PM421P5 or PM422P5 Pillow Speaker Module

Features

- UL® 1069 Listed (when used with IR319B, IR320B, IR311E or IR312E patient stations)
- Provides hands-free pillow speaker intercom
- Mounts directly to patient stations

Description

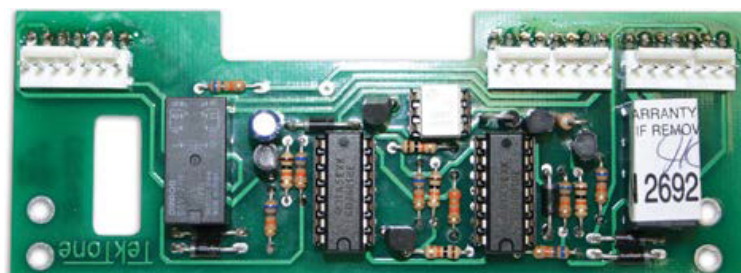
The PM311C and PM312C Pillow Speaker Intercom Modules are for use with the Tek-CARE®300III Nurse Call System using IR319B, IR320B, IR311E or IR312E patient stations and SF41ZKL or SF31ZDL pillow speakers. The modules provide for reliable, two-way hands-free communication from the pillow speaker to the master station. Calling the nurse is accomplished by pressing the push button identified with the nurse symbol. Call placed assurance is indicated at the patient station.

If the pillow speaker is removed from its receptacle during communication, the call is automatically transferred to the patient station speaker. If the pillow speaker or call cord is removed from its receptacle when not in use, a non-cancellable cord-out call annunciates at the master station. Standard SF401-series or SF311-series call cords may be used without removing modules. Communication is automatically transferred to the patient station speaker.

Listings



UL® 1069 listed; UL® File Number E71599.



PM312C Pillow Speaker Intercom Module

Specifications

Dimensions:	5"W × 1.875"D × 0.5"H (127 mm × 47.6 mm × 13 mm)
Construction:	PC board with quality electronic components
Mounting:	Plug-in connectors mounted to patient station
Wiring:	Multiplex

Required Components

Tek-CARE®300III Patient Stations

IR319B or IR320B Patient Stations
with SF41ZKL Pillow Speaker

-or-

IR311E or IR312E Patient Stations
with SF31ZDL Pillow Speaker

Features

- UL® 1069 Listed (when used with IR319B, IR320B, IR311E or IR312E patient stations).
- Provides on/off control of two lamp sources.
- Mounts directly to patient stations or pillow speaker intercom module (if used).

Description

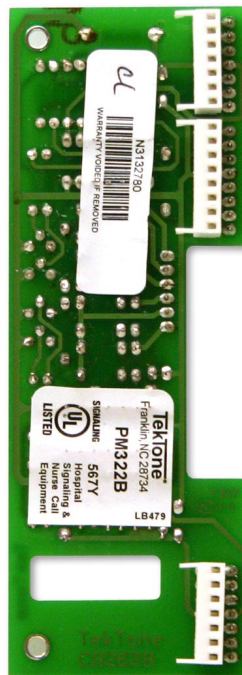
The PM321B and PM322B Multiplex Lamp Control Modules are for use with the Tek-CARE®300III Nurse Call System using IR319B, IR320B, IR311E or IR312E patient stations and SF41ZKL or SF31ZDL pillow speakers. The modules provide on/off control through the pillow speaker of two lamp sources, typically the overhead room lamp and a separate reading lamp. Circuitry for low voltage lamp switching is provided by others. Turning the lamps on or off is accomplished by pressing the appropriate push buttons on the pillow speaker.

The lamp control module can be mounted directly to the patient station, or can be mounted to the station's PM311C or PM312C pillow speaker intercom module. Standard SF401-series or SF311-series call cords may be used without removing modules.

Listings



UL® 1069 listed; UL® File Number E71599.



PM322B Multiplex Lamp Control Module

Specifications

Dimensions:	5"W × 1.625"D × 0.5"H (127 mm × 41 mm × 13 mm)
Construction:	PC board with quality electronic components
Mounting:	Plug-in connectors mounted to patient station or to PM311C/PM312C (if used)
Wiring:	Multiplex

Required Components

Tek-CARE®300III Patient Stations

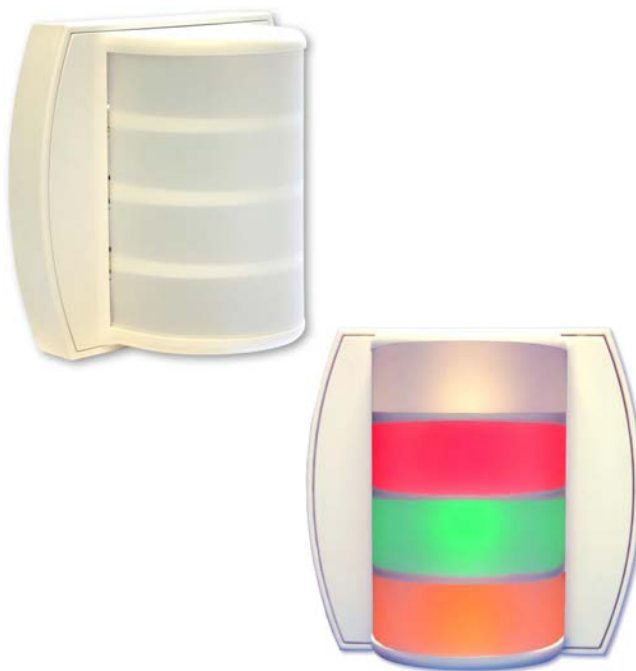
IR319B or IR320B Patient Stations
with SF41ZKL Pillow Speaker
-or-
IR311E or IR312E Patient Stations
with SF31ZDL Pillow Speaker

Features

- Long lasting LEDs
- No bulb replacement needed
- Plug-in connector supplied
- Attractive flame-retardant plastic panel

Description

TekTone's LI380LED Corridor Dome Light provides visual indication of calls originating from patient, staff, duty, bath, emergency, presence and code call stations. Patient call priority and staff presence are indicated by amber, green, red and white colored LEDs. When used with any room station or IR310E Staff Station, the LI380LED indicates all calls originated from that room. When used with the IR300E Multipurpose Station or the IR315F Duty Station, the LI380LED may be used as a zone light to indicate all calls from the zones to which those stations are assigned.



LI380LED Corridor Dome Light

Listings



UL® 1069 Listed; UL® File Number E71599.

Required Components

Tek-CARE®300II Nurse Call System

Specifications

Dimensions:	4.8"H × 5.0"W × 2.75"D (122 mm × 127 mm × 70 mm)
LEDs:	2V 20mA per LED
Power:	24 VDC
Finish:	Base is flame-retardant (UL® 94HB) plastic. Lens is flame-retardant translucent polycarbonate plastic.
Housing:	Fits standard one- or two-gang box with one- or two-gang ring.

LI381 Corridor Light & LI382 Corridor Zone Light IL518 Specification Sheet

Tek-CARE® Nurse Call & CM800 Emergency Call Systems • Rev. 21 - 01/2017

Features

- UL® 1069 Listed
- Snap-in lens
- Easy bulb replacement
- Attractive flame-retardant HIPS30 plastic panel
- Excellent visibility

Description

The LI381 Corridor Light and LI382 Corridor Zone Light provide visual indication of calls when used with a nurse call system, emergency call system, or similar application. Emergency calls are indicated by the rapid flashing of the LI381 Corridor Light associated with the calling station. Normal calls produce a steady illumination.

The LI382 Corridor Zone Light indicates an emergency call by the rapid flashing of the red-covered bulb associated with the zone or area from which an emergency call has been placed. Normal calls are indicated by a steady illumination of the white bulb. If an emergency and normal call are placed in the same zone at the same time, the red covered bulb connected to the emergency station will flash rapidly, while the white bulb associated with the normal call will maintain a steady illumination.

The standard mounting plate accommodates both models and features an easily removable white flame-retardant translucent polystyrene plastic lens for bulb replacement.

Listings



UL® 1069 listed; UL® File Number E71599.



LI381 Corridor Light & LI382 Corridor Zone Light

Specifications

Dimensions:	Height:	4.5625"	(115 mm)
	Width:	4.5625"	(115 mm)
	Depth:	3.3"	(84 mm)
Bulbs:	#1829 28V 70 mA		
Power:	LI381:	24 VDC or VAC, 51mA	
	LI382:	24 VDC or VAC, 102mA	
Finish:	White flame-retardant translucent polystyrene plastic lens mounted on a flame-retardant (UL® 94V-0) plastic panel.		
Housing:	Fits either standard dual gang box and ring or single gang box and ring.		

Applicable Systems

Tek-CARE® NC110, NC150, NC200 or NC300II Nurse Call System

Tek-CARE® 500 Wireless Emergency Call System with NC50xES-series remote receiver
CM800 Emergency Call System

www.tektone.com

324 Industrial Park Road • Franklin, NC 28734 • tektone@tektone.net

Phone: 828.524.9967 • Fax: 828.524.9968 • Sales: Choose option 2 • Tech Support: Choose option 3
TekTone's quality system is registered by DQS to the ISO 9001 standard. (Reference #10001510.)

Features

- Long lasting LEDs
- No bulb replacement needed
- Plug-in connector supplied
- Attractive flame-retardant plastic panel

Description

The LI382LED Corridor Zone Light provides visual indication of calls when used with a nurse call system, emergency call system, or similar application.

The LI382LED Corridor Zone Light indicates an emergency call by the rapid flashing of the two red LED bulbs associated with the zone or area from which an emergency call has been placed. Normal calls are indicated by a steady illumination of the two white LEDs. If an emergency and normal call are placed in the same zone at the same time, the red LEDs connected to the emergency station will flash rapidly, while the white LEDs associated with the normal call will maintain a steady illumination.

The standard mounting plate features both one- and two-gang mounting options.

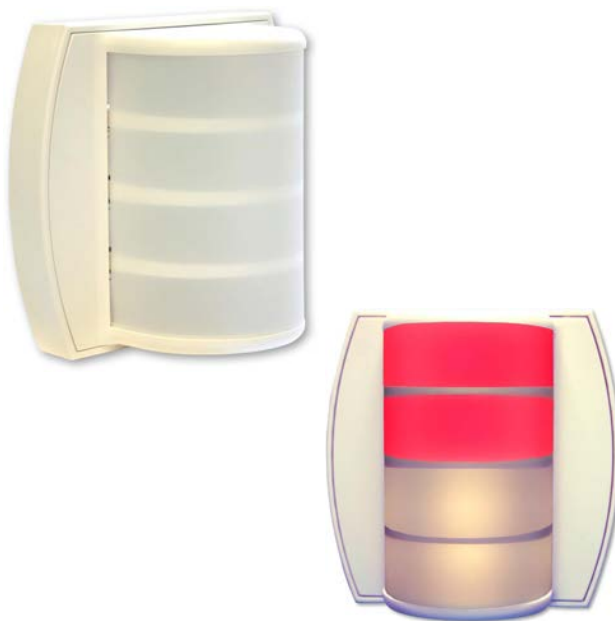
Listings



UL® 1069 Listed; UL® File Number E71599.

Specifications

Dimensions:	4.8"H × 5.0"W × 2.75"D (122 mm × 127 mm × 70 mm)
LEDs:	2V 20mA per LED
Power:	24 VDC
Finish:	Base is flame-retardant (UL® 94HB) plastic. Lens is flame-retardant translucent polycarbonate plastic.
Housing:	Fits standard one- or two-gang box with one- or two-gang ring.



LI382LED Corridor Zone Light

Required Components

Tek-CARE® NC110, NC150, NC200 or 300II Nurse Call System
Tek-CARE®500 Wireless Nurse Call System with NC50xES-series remote receiver
CM800 Emergency Call System with CM800-series speaker panel

Features

- Long lasting LEDs
- No bulb replacement needed
- Plug-in connector supplied
- Attractive flame-retardant plastic panel
- Addressable station with data signal supervision
- Simplified multiplex wiring

Description

TekTone's LI386LED Dome/Zone Light with built-in multipurpose station provides visual indication of calls originating from bath, emergency and code call switches when used as a dome light. The LI386LED indicates calls originating from patient and staff stations when used as a zone light. The LI386LED also indicates all calls from the zones to which those stations are assigned and provides communication to and from the central equipment, including the nurse master station and monitor. No controls are provided.

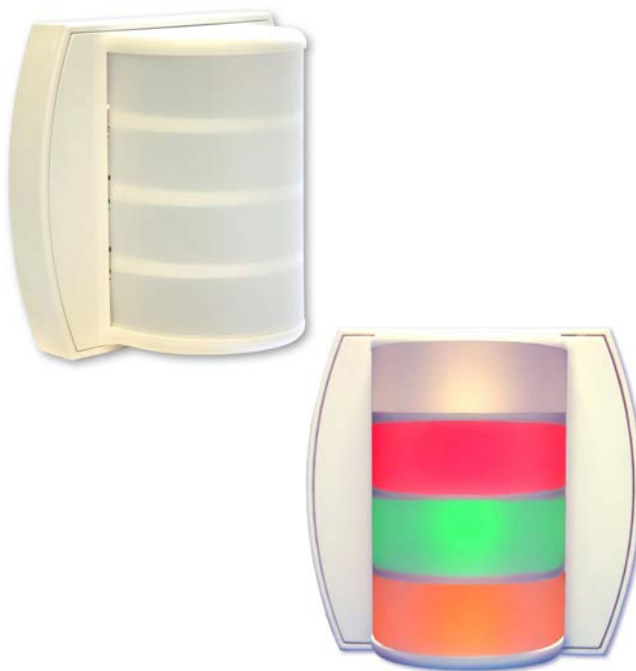
Listings



UL® 1069 Listed; UL® File Number E71599.

Specifications

Dimensions:	4.8"H × 5.0"W × 2.75"D (122 mm × 127 mm × 70 mm)
LEDs:	2V 20mA per LED
Power:	24 VDC
Finish:	Base is flame-retardant (UL® 94HB) plastic. Lens is flame-retardant translucent polycarbonate plastic.
Housing:	Fits standard one- or two-gang box with one- or two-gang ring.



LI386LED Addressable Dome/Zone Light

Required Components

Tek-CARE®300II Nurse Call System

Features

- UL[®] 1069 Listed
- Provides for the following functions from a Hill-Rom[®] SideCom[®] Unit:
 - ◊ Call-placed indication
 - ◊ Monitor indication
 - ◊ Hands-free two-way communication
 - ◊ Nurse Call
- Supervised
- Ramp lock plug-in connectors

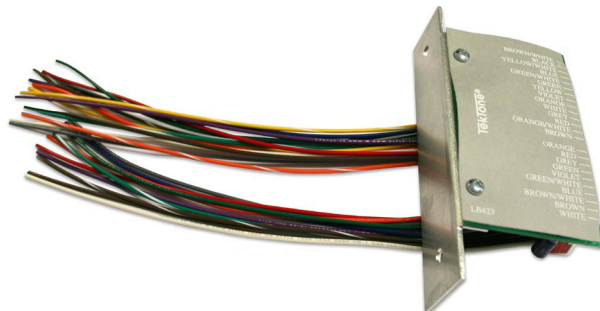
Description

The RY351B SideCom[®] adapter is designed for use with IR311E, IR312E, IR319B and IR320B patient stations, and a Hill-Rom[®] SideCom[®] unit. When used with the above patient stations and the Hill-Rom[®] SideCom[®] unit, the RY351B adapter will provide all the necessary circuitry for a Hill-Rom[®] SideCom[®] unit to control all functions normally controlled by a pillow speaker. This includes, but is not limited to, nurse call and patient communications. Note: There is one RY351B SideCom[®] adapter required per SideCom[®] unit.

Listings



UL[®] 1069 listed; UL[®] File Number E71599.



RY351B Hill-Rom[®] SideCom[®] Adapter

Specifications

Dimensions:	Length:	4.25"	(108 mm)
	Width:	2.00"	(50.8 mm)
	Height:	1.25"	(31.8 mm)
Construction:	Circuit board mounted on a rugged aluminum mounting bracket.		
Connections:	Reliable ramp lock plug-ins.		
Housing:	Single gang ring, or single gang ring and double gang box, or exact equivalent.		

Required Components

Tek-CARE[®]300II Nurse Call System
JK401 Dummy plug for IR319B or IR320B patient stations

Features

- UL® 1069 Listed
- Push button and green LED for nurse presence indication
- Push button and yellow LED for aide presence indication
- Automatic nurse follower transfer
- Flame retardant (UL® 94V-0) plastic faceplate

Description

The SF350B Presence Station provides push button registration of nurse presence (green LED indication), or aide presence (yellow LED indication) at remote locations. The nurse/aide presence indicator unit can also be used to transfer nurse follower feature from room to room as nursing staff proceeds with rounds. Depressing the nurse presence registration button automatically transfers indication of all subsequent patient calls to the remote location of the nurse, as well as to the master station. Plug-in connectors provide for simple wiring.

Specifications

Dimensions:	Height:	4.50"	(114 mm)
	Width:	2.75"	(70 mm)
	Depth:	1.50"	(38 mm)
	Projects:	0.4375"	(11 mm) from mounting surface
Construction:	Flame retardant (UL® 94V-0) plastic faceplate. Switches and electronic components are circuit board mounted.		
Connections:	Plug-in connectors.		
Housing:	Single gang ring (IH357) with square box (IH358), or exact equal.		



SF350B Presence Station

Listings



UL® 1069 listed; UL® File Number E71599.

Applicable Systems

Tek-CARE®400 P5 Nurse Call System
Tek-CARE®300II Nurse Call System

Features

- UL® 1069 Listed
- Simple and flexible operation
- Call-placed indicator
- Call cancel at point of origin
- Flame-retardant (UL® 94V-0) plastic faceplate
- 1.1" (28 mm) wide pull-down lever
- Washable TPU plastic pull cord kit is included

Description

The SF340B Emergency Switch is for use in any location where activation of an emergency signal is required. All electronic components are mounted on a circuit board. The specially mounted LED is completely sealed in plastic.

Due to the flexibility of its design, the SF340B may be used as a pull cord emergency switch, a pull down activated emergency switch, or a staff assist emergency call switch. The pull cord supplied may be used for emergency call activation or, if desired, the large 1.1" (28 mm) red pull-down lever may be used.

Dome light and system annunciation vary according to the manner in which the SF340B is connected.

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	2.8125"	(72 mm)
	Depth:	1.625"	(41 mm)
	Projects:	0.6875"	(17 mm)
		from mounting surface (including pull-down lever)	
Construction:	Flame-retardant (UL® 94V-0) plastic faceplate. Switch and electronic components are circuit board mounted.		
Connections:	Plug-in connectors.		
Housing:	Single gang ring (IH357) with square box (IH358), or exact equal.		



SF340B Emergency Switch
(pull cord not shown)

Listings



UL® 1069 listed; UL® File Number E71599.

Applicable Systems

Tek-CARE®400 P5 Nurse Call System
Tek-CARE®300II Nurse Call System

Features

- UL® 1069 Listed
- Supervised
- Registers audible and visual calls at master station
- Indicates local call origination on dome lights
- Simple and flexible operation
- Call-placed indicator
- Call cancel at point of origin
- Flame retardant (UL® 94V-0) plastic faceplate
- 1.1" (28 mm) wide pull-down lever

Description

The SF341B Code Call Switch operates all system code signals, and is designed for use in ICU/CCU, physical therapy rooms, post-op recovery, or any location where code call initiation may be required. The large 1.1" (28 mm) blue pull-down lever is used for code call activation. The red call-placed LED indicator flashes to provide for call assurance. Calls are registered on the master station (and duty station, if used) via audible and visual signals pulsing at a rate of twice that of a standard emergency signal. Local indication on dome lights is also provided. Call cancellation is possible only at the originating location.

Specifications

Dimensions:	Height:	4.50"	(114 mm)
	Width:	2.8125"	(72 mm)
	Depth:	1.625"	(41 mm)
	Projects:	0.6875"	(17 mm) from mounting surface (including pull down lever)
Construction:	Flame retardant (UL® 94V-0) plastic faceplate. Switch and electronic components are circuit board mounted.		
Connections:	Plug-in connectors.		
Housing:	Single gang ring (IH357) with square box (IH358), or exact equal.		



SF341B Code Call Switch

Listings



UL® 1069 listed; UL® File Number E71599.

Applicable Systems

Tek-CARE®400 P5 Nurse Call System
Tek-CARE®300II Nurse Call System

Features

- Call-placed indicator
- Signaling for routine, bath emergency, code, and fire with smoke detectors
- Low power requirements
- Addressable—requires no IR-series station
- Station-bus connector pin-compatible with existing IR-series stations

Description

The SF380A Visual-Only Patient Station controls two dome light bulbs, senses button presses and switch closures, and provides routine, bath emergency, and code calls (when partnered with the proper peripheral switches) to the Tek-CARE® NC300II central equipment for display at the system master stations.

The SF380A provides routine call input via a push-button call cord, and can signal a cord out call. When used with an emergency switch, it provides a medium priority bath emergency call. When used with a code switch, it provides a high priority code call. The SF380A also has a smoke detector input. Station addressing uses a 7-position dipswitch. Six switches set the station address; the seventh switch determines whether lamps are supervised. The SF380A is a drop-in replacement for the SF380C, with dipswitch-selectable lamp supervision.

Listings



UL® 1069 listed; UL® File Number E71599.



SF380A Visual-Only Patient Station

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	2.75"	(69 mm)
	Depth:	2.5"	(64 mm)
	Projects:	0.4375"	(11 mm)
Construction:	Flame-retardant (UL® 94V-0) plastic faceplate. All electronic components are circuit-board mounted.		
Connections:	Plug-in connectors for all wiring.		
Housing:	Single-gang ring & double-gang back box.		

Required Components

Tek-CARE®300II Nurse Call System
LI380, LI382 or LI384A Corridor Dome Light
SF301A Push-button or SF301G Geriatric Call Cord

Features

- Oxygen safe
- Impact resistant and waterproof
- Small, lightweight pendant fits comfortably in hand
- Bed clips included
- UL® 1069 Listed; SF301A is also UL®2560 Listed

Description

The TekTone® SF301A (single) or SF302 (double) call cords are for use with the Tek-CARE® nurse call systems and wireless emergency call systems, where ¼" phono jacks are used. Ten-foot cords are also available as SF301A/10 and SF302/10. The SF301A and SF302 are oxygen safe call cords certified safe for use by all patients receiving oxygen therapy. These waterproof and impact resistant call cords have completely sealed push buttons.

Listings



SF301A is UL® 1069 and UL® 2560 Listed;
SF302 is UL® 1069 Listed; UL® File Number
E71599.

Specifications

Dimensions: 7' (2.13 m) long polyvinyl covered cord
Construction: SPST-1A switch, Integral brass, fine silver contacts 1 AMP, 115 watt maximum, AC
Connections: ¼" (6.35 mm) plug-in phono jack



SF301A, SF302 Call Cord

Required Components

Tek-CARE®500 Wireless Nurse Call System
with SF521UL or SF523UL Room Stations
or
Tek-CARE®120 or 160 Nurse Call System
with SF121 or SF122 Room Stations
or
Tek-CARE®400 P5+ Nurse Call System
with SF121 or SF123 Room Stations
or
Tek-CARE®300III 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

Features

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

Description

TekTone® SF301G and SF302G Call Cords are for use with Tek-CARE® nurse call systems and wireless emergency call systems where ¼" phono jacks are used.

SF301G and SF302G Call Cords are 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. Two adjustable bed clips are supplied with the SF302G.

Listings



UL® 1069 Listed; UL® File Number E71599.

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)



SF301G Call Cord

Required Components

Tek-CARE®500 Wireless Nurse Call System
with SF530ES or SF530UL 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

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 or IR400P5-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.

Specifications

Dimensions:	Height:	4.5"	(114 mm)
	Width:	2.75"	(70 mm)
	Depth:	1.5"	(38 mm)
	Projects:	0.25"	(6.5 mm) from mounting surface
Construction:	Reliable components mounted on a flame-retardant (UL® 94V-0) plastic panel		
Connections:	Wire lead pigtails		
Housing:	Single-gang electrical box or ring		



JK300A, JK300/2 Monitor Call Interface

Applicable Systems

Tek-CARE®400 P5/P5+ Nurse Call System
IR400P5/P5+-series Multipurpose, Patient, Resident, Check-In, Staff or Duty Stations
-or-
Tek-CARE®400 Nurse Call System
PM423 Auxiliary Input Module
IR400-series Multipurpose, Patient, Resident, Check-In, Staff or Duty Stations
-or-
Tek-CARE®NC300III Nurse Call System
IR300-series Multipurpose, Patient, Staff or Duty Stations
-or-
Tek-CARE®120 or 160 Nurse Call Systems
PM123 Auxiliary Input Module

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 ¼-wave BNC-terminated antenna to provide coverage that meets most requirements.

Specifications

Dimensions:	7.48" × 12.99" × 2.76" (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 pre-programmed 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 0.8A, 50/60 Hz input 2 Watt output Consumption less than 50mA standby; up to 2.4A transmit 13.8 Volts DC operating voltage



NC365B Paging Transmitter

Required Components

NC397A Pagers plus one of these systems:

- Tek-CARE®400 P5/P5+ Nurse Call System
- Tek-CARE®400 Nurse Call System
- Tek-CARE®NC300II Nurse Call System
- Tek-CARE®120 or 160 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® Appliance Server

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.

Optional Components

BA365K Battery Backup Kit

Features

- Alphanumeric
- 2-line 20-character backlit display
- Easy to use large 4-button design
- Preprogrammed 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's 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.

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



NC397A Alphanumeric Pager

Required Components

NC365B Paging Transmitter
plus one of these systems:

- Tek-CARE®400 P5/P5+ Nurse Call System
- Tek-CARE®400 Nurse Call System
- Tek-CARE®300III Nurse Call System
- Tek-CARE®120 or 160 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® Appliance Server

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