



COMMUNICATIONS FOR TODAY ... AND TOMORROW.

Tek-CARE®500

UL®2560 Listed Wireless Emergency Call System

Submission Package

as of 2/13/2025

www.tektone.com

Phone: 828.524.9957
Toll-Free: 800.327.8466
Sales: Option 2
Tech Support: Option 3

324 Industrial Park Road
Franklin, NC 28734
tektone@tektone.com
Fax: 828.524.9968

Copyright © 2001-2025 TekTone® Sound & Signal Mfg., Inc., All rights reserved.

No part of this publication may be copied without the express written permission of TekTone® Sound & Signal Mfg., Inc. The content of this manual is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by TekTone. TekTone Sound & Signal Mfg., Inc. assumes no responsibility or liability for any errors or inaccuracies that may appear in this documentation.

TekTone, the TekTone logo, Tek-ALERT, Tek-BRIDGE, Tek-CALL, Tek-CARE, Tek-CHECK-IN, Tek-COM, Tek-ENTRY, Tek-GUARD, Tek-MICRO, Tek-MMARS, Tek-PAGING, and Tek-SAFE are either registered trademarks or trademarks of TekTone® Sound & Signal Mfg., Inc. in the United States and/or other countries. All other trademarks are the property of their respective owners.

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

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 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 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 NC570, NC510UL, NC510ES, and NC510 FA Receivers.

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

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 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.
- **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.
- **LS570 Tek-CAREconnectivity license** enables the Tek-CARE Appliance Server to import events from the Tek-CARE570 Wireless Nurse Call System)
- **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 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 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 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

- 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. 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.

Applicable Components

NC356CE Central Equipment Module (Tek-CARE300III Nurse Call System)
NC455CE Central Equipment Module (Tek-CARE400 P5+/GEN3, Tek-CARE3000 Nurse Call Systems)
NC475 Tek-CARE® Appliance Server



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, FCC Part 68, TUV, UL® 1778, UL® 2560.

Description

The PK505 is a class 2 plug-in power supply. It is powered by 110 VAC and its output supplies 12 VDC with a minimum capacity of 1 amp. The PK505 has a 2-pronged non-polarized plug, so that it can plug into any standard outlet. It includes a 6-foot 22-gauge stranded wire whip.

When used with the Tek-CARE®700 Wander Management System, each PK505 can power any combination of up to 8 NC705 Elevator Deactivation Panels and NC706 Fire Panel Interfaces. Maximum distance is 500' using 18 gauge wire; 250' using 22-gauge wire.

Required Components

Tek-CARE®700 Wander Management System:
NC705 Elevator Deactivation Panel
NC706 Fire Panel Interface

Tek-CARE®500 Wireless Nurse Call System:
NC505ES Remote LCD Receiver—16 points, 6 outputs
NC506ES Remote Receiver—4 points, 4 outputs
NC507ES Remote LCD Receiver—32 points, 12 outputs



PK505 Power Supply

Specifications

Dimensions:	2.675"H × 2.25"W × 4.25"D (68 mm × 57 mm × 108 mm)
Wire Whip:	6' (1.83 m), 22-gauge stranded, 2 conductor
Power:	12 VDC 1A

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 Appliance Server

Features

- Survey any facility quickly and easily
- Completely portable
- Demonstrate the range of 900 MHz Echostream transmitters
- Batteries operate system up to 6 hours

Description

The NC500ESSK is a portable, easy-to-use site survey kit that takes the guesswork out of creating a wireless installation plan with a quick and accurate site survey. The NC500ESSK is used to determine the optimum location for transmitters and repeaters in a Tek-CARE®500 Wireless Nurse Call System. The NC500ESSK demonstrates the superior range, performance and reliability in virtually any environment. The NC500ESSK is powered by four AA batteries (not included).

Specifications

Instructions: Detailed guide from Inovonics:

<https://www.inovonics.com/wp-content/uploads/2013/03/168-04493-01.pdf>

Survey Transmitter: Used with the wireless survey kit to help determine the optimal location for transmitters and repeaters.

Receiver: Processes radio signals from transmitters and displays status.

Continuous Alarm Trigger: Turns site surveys into a one-person job.



NC500ESSK Site Survey Kit

TekTone® has designed Tek-CARE®500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- Adds dome light annunciation to the Tek-CARE®500 system
- NC507ES includes an LCD display
- LEDs display current status of transmitters
- Functions independently of Tek-CARE500
- Clean appearance for interior mounting

Description

Remote Receivers are designed to allow users of the wireless Tek-CARE500 Wireless Nurse Call System to connect external dome lights, relays, door locks, etc. to the system. This provides for an ancillary annunciation path in addition to the Tek-CARE event monitor. The remote receivers are not dependent upon the Tek-CARE500's NC475 Tek-CARE Appliance Server.

The remote receivers feature separate, dry-contact Form-C outputs that can be programmed for activation by one or more transmitters.

Receiver	Dry Contact Form-C Outputs	Transmitter Inputs
NC506ES	4	4
NC507ES	12	32

All dry contact outputs are individually configurable for latching, follower, toggle, or momentary activation modes. The NC507ES includes programmable duration for the momentary mode. One NC507ES output may be configured for tamper detection, while the NC506ES has a separate tamper detection output.

The units are designed for indoor use only, and cable access and connections are hidden. The units feature a clean appearance with visual indication of the status.

All Tek-CARE500 ES/UL fixed transmitters and only the SF501ES and SF501/2ES pendants may be used with the NC506ES and NC507ES Remote Receivers.

Required Components

Tek-CARE®500 Wireless Emergency Call System
PK505 Plug-in Transformer

For Dome Light Annunciation:
LI381, LI382 or LI382LED Dome Lights
PK601A Power & Control Unit (steady state), or
PK152 Power and Control Unit (steady & flash states)
SS106 Transformer



NC506ES

NC507ES

NC506ES, NC507ES Remote Receivers

Specifications

Dimensions:	
NC506ES:	6.5"W × 3.5"H × 1"D (165 mm × 89 mm × 25 mm)
NC507ES:	8.75"W × 7"H × 1.63"D (222 mm × 178 mm × 41 mm)
Environment:	32°F–122°F, 0%–90% non-condensing relative humidity
Construction:	Plastic outer casing
Connections:	Screw barrier blocks
Mounting:	Surface-mount via 2 included screws
Power:	Provided by PK505 12 VDC 1 Amp plug-in transformer

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- UL® 2560 Listed
- Facilitates supervision of transmitters
- Provides general location of calling transmitters
- 900MHz spread-spectrum radio
- Snap-on/pry-off cover

Description

The NC510UL Receiver enables communication between transmitters and the Tek-CARE® Server in a Tek-CARE®500 Wireless Nurse Call System. The NC510UL facilitates the supervision of all transmitters. The NC510UL's 900 MHz spread-spectrum radio provides reliability, even in hostile or difficult radio environments. EchoStream® technology with diversity reception and advance signal processing minimizes nulls or dead spots. The NC510UL Receiver includes slots through the side and bottom of the case for wiring. Transmitters are programmed using default information stored in the receiver.

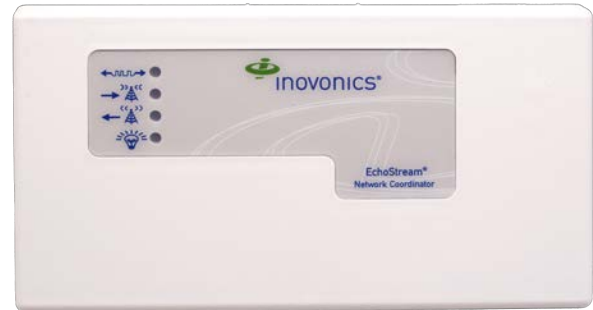
Required Components

Tek-CARE®500 Wireless Nurse Call System

Listings



UL® 2560 Listed; File Number E71599.



NC510UL Receiver

Specifications

Dimensions:	6.5"W × 3.5"H × 1.0"D (165 mm × 89 mm × 25 mm)
Weight:	5.3 oz.
Power Required:	12 VDC provided by PK510 Power Supply/ PC Interconnect Assembly (included)
Frequency:	902–928 MHz frequency-hopping spread spectrum
Environment:	-4°F to 140°F, 0% to 90% non-condensing relative humidity

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- UL® 2560 Listed
- Enhances wireless transmission range
- Provides general location of calling transmitters
- Signal synchronization processing minimizes excessive signal generation
- Easy to install — just mount and plug in
- Supervised radio link to home receiver
- Includes integral backup battery

Description

The NC511UL is a high power repeater and locator for the Tek-CARE®500 Wireless Nurse Call System. The NC511UL repeater/locator allows greater distances between the Tek-CARE500 Transmitters and Receiver, and also provides general transmitter location information. Its range makes the repeater/locator a practical solution for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects.

The NC511UL Repeater/Locator uses signal strength to distinguish between original and retransmitted signals, to ensure that the NC510UL Receiver is sent accurate location information. Wireless radio protocols and Signal Synchronization Technology™ allow the repeater/locator to act intelligently, amplifying transmission from any Tek-CARE500 transmitter while ignoring background noise.

Required Components

Tek-CARE®500 Wireless Nurse Call System

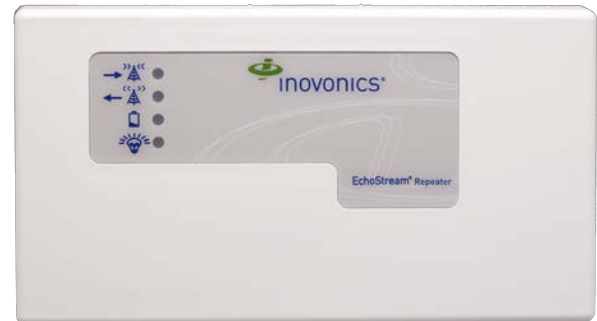
Optional Components

IH511 Weatherproof Housing

Listings



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



NC511UL Repeater/Locator

Specifications

Dimensions:	3.5"H × 6.5"W × 1"D (89 mm × 165 mm × 25 mm)
Weight:	7.14 oz.
Environment:	-4°F to 140°F, 0% to 90% non-condensing relative humidity
Power:	12–16.5 VAC or VDC (transformer included)
Backup Battery:	2450 mA@ 3.7V lithium-ion (included)
Backup Time:	Up to 24 hours (varies depending upon repeater usage)

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- UL® 2560 Listed
- Fully supervised wireless 900MHz transmitter
- 60% smaller and lighter than previous pendants
- Neck lanyard and wristband versions
- Waterproof
- Vibration and blinking red LED for call assurance
- Low battery warning before battery depletion
- Customer-replaceable, 3V lithium-metal battery

Description

The SF503UL Neck Lanyard Pendant and SF504UL Wristband Pendant feature the great range and reliability of 900 MHz in a small, waterproof package. The pendants can be worn in the shower or bathtub, outside in the rain, or other environments where they may be splashed with water or momentarily submerged.

The pendants have a single-button design with “press and one-second hold” activation, making them easy to use but resistant to false alarms. When a pendant is activated, it vibrates briefly and its red LED blinks rapidly for five seconds, then blinks slowly until the alarm is cleared. Alarms may be cleared by placing an RP500 Alarm Clearance Card over the button, or by a sequence of button presses.

The pendant transmitters are especially suited for assisted living installations. They feature a fully supervised RF link to ensure reliability. The built-in LED flashes with all transmissions, including supervision, so the user can see that the transmitter is still functioning.

Required Components

Tek-CARE500 Wireless Emergency Call System

Optional Components

RP500K Alarm Clearance Cards - 10 each



SF503UL Neck Lanyard Pendant

SF504UL Wristband Pendant



RP500K Alarm Clearance Cards
(sold separately in 10-piece kits)

Specifications

Dimensions:	1.6"H × 1.6"W × 0.5"D (40 mm × 40 mm × 12.5 mm)
Weight:	0.6 oz. (17 g) with battery inserted
Range:	1 mile, open field
Environment:	32°F–140°F (0°C–60°C) Waterproof to IP67 standard
Battery:	3V Lithium (BA004)
Battery Life:	One year at 5 activations/day and 10 minute alarm reset time

Listings



UL 2560 Listed; UL® File Number E71599.

TekTone® has designed Tek-CARE®500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- Fully supervised wireless 900MHz transmitter
- Water-resistant
- Large alarm buttons with alarm activation delay
- Low battery warning before battery depletion
- Flasing LED indicator during alarm activation
- Continuous alarm signal until reset button is pressed
- Field-replaceable, 3V lithium battery

Description

The SF501ES Single Button and SF501/2ES Dual Button Call Transmitter Pendants feature the great range and reliability of 900MHz in a small, water-resistant package. Users can wear a pendant in the shower or bathtub, outside in the rain, or in other environments where the pendant may be splashed with water or momentarily submerged. The SF501ES has a single-button design with "press and one-second hold" activation, making the pendant very easy to use, while reducing false alarms. The SF501/2ES has a two-button design with "press both buttons at once" activation to further reduce false alarms. When a pendant transmitter is activated, it continues to send an alarm signal until the reset button located on the back of the pendant is pressed.

The SF501ES and SF501/2ES are particularly suited for assisted living installations. Pendants weigh less than 1.4 ounces each, include both a neck cord and a belt clip, and can be easily converted by the end user. An optional wristband is also available that allows the pendant to be worn on the wrist or arm.

Required Components

Tek-CARE®500 Wireless Emergency Call System



SF501ES, SF501/2ES
Water-Resistant Pendant Call Transmitters

Specifications

Dimensions:	2.2"H × 1.9"W × 0.7"D (56 mm × 48 mm × 18 mm)
Weight:	1.4 oz.
Range:	1 mile, open field
Battery:	3V lithium (BA501)
Environment:	0°C–60°C

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- Maintenance free
- Easy installation
- Knockouts provided

Description

The IH511 Weatherproof Housing is an attractive indoor or outdoor housing for the Tek-CARE®500 Wireless Emergency Call System. The IH511 accommodates an NC511UL Repeater/Locator. The housing is constructed of plastic for durability, and for unhindered signal reception and transmission. Knockouts are included on the back to allow the connection of an AC transformer.

Required Components

Tek-CARE®500 Wireless Emergency Call System



IH511 Weatherproof Housing

Specifications

Dimensions: 7"H × 7"W × 3"D
(178 mm × 178 mm × 76 mm)

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- UL® 2560 Listed
- Fully supervised wireless 900MHz transmitter
- Provides standard ¼" receptacle, suitable for use with many call cord types
- Cord-out supervision
- Low battery warning before battery depletion
- Call assurance LED
- Field replaceable 3V lithium battery
- Battery circuit includes ON/OFF switch

Description

The SF521UL single resident bed station features the great range and reliability of 900MHz signaling. This unit can be wall mounted near any resident location for call placement. It provides a standard ¼" call cord receptacle along with a reset button. Calls are latched locally to ensure that residents receive direct staff attention. The device includes a call assurance LED as well as cord out detection. The SF521UL features a fully supervised RF link to ensure reliability and to monitor for battery low condition. The battery is a field-replaceable 3V lithium. The unit is shipped with the battery switch in the OFF position. Move the battery switch to the ON position before installation.

When a call is placed, it annunciates on any master stations, duty stations, staff apps, and monitors installed on the Tek-CARE system zoned to display the call. The SF521UL stations are configured using the LS450 Config Tool Software.

The SF521UL may be directly surface-mounted to a non-metallic surface, or mounted using a non-metallic single-gang back-box or low voltage ring. Mount the station using an IH521K bezel 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

Tek-CARE®500 Wireless Nurse Call System

- NC475DESK with an LS500 Tek-CARE500 connectivity license

IH521K Mounting Kit



SF521UL Room Station

Specifications

Dimensions:	4.57"H × 3.23"W × 1.8"D (116 mm × 82 mm × 45 mm) Note: Above dimensions include the IH521K Housing
Construction:	Flame-retardant (UL® 94V-0) plastic
Mounting:	Surface mounted using the IH521K Housing
Housing:	IH521K
Battery:	3.0V Lithium (BA505)

Listings



UL 2560 Listed; UL® File Number E71599.

Features

- UL® 2560 Listed
- Two standard configurations
- Use push button or pull cord to place a call
- Choose whether to include pull cord during installation
- Call assurance LED illuminates when call is placed
- Water resistant with optional gasket for wet environments and easy cleaning
- Fully supervised wireless 900Mhz transmitter
- Battery circuit includes ON/OFF switch

Description

The SF523UL is a wireless, surface-mountable station that includes a call button, an optional pull cord, an LED for call indication, and a reset button. The SF523UL is provided with three interchangeable label inserts for different uses such as “Help”, “Assist/Check-In”, and “Emergency” calls. The SF523UL may also be programmed as a call/check-in station if desired. The optional RP187K water-resistant gasket allows the station to be used in wet environments such as shower rooms.

When a call is placed, it annunciates on any master stations, duty stations, staff apps, and monitors installed on the Tek-CARE system zoned to display the call. The SF523UL stations are configured using the LS450 Config Tool software. By default, the call button and pull cord place an “Emergency” call. The LS450 Config Tool software can also be used to program additional call types and create custom call button inserts for the SF523UL.

The SF523UL may be directly surface-mounted to a non-metallic surface, or mounted using a non-metallic single-gang back-box or low voltage ring. Mount the station using an IH521K bezel 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.

The unit is shipped with the battery switch in the OFF position. Move the battery switch to the ON position before installation.

Required Components

Tek-CARE®500 Wireless Nurse Call System

- NC475DESK with an LS500 Tek-CARE500 connectivity license

IH521K Mounting Kit



SF523UL Room Station

Specifications

Dimensions:	4.57"H × 3.23"W × 1.42"D (116 mm × 82 mm × 36 mm) Note: Above dimensions include the IH521K Housing
Construction:	Flame-retardant (UL94V-0) plastic
Mounting:	Surface mounted using the IH521K Housing
Housing:	IH521K
Environment:	-40°C–70°C
Battery:	3.0V Lithium (BA505)

Optional Components

RP187K gaskets to install in wet environmentd (5 each)

Listings



UL 2560 Listed; UL® File Number E71599.

Features

- Provides mounting bezel and plate for SF521UL and SF523UL wireless call stations
- Mounts to standard plastic single gang old workbox or low voltage ring

Description

The IH521K mounting kit is required to mount either the SF521UL or SF523UL stations.

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

Required Components

SF521UL Patient Station
SF523UL Room Station

Listings



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



RoHS Compliant.



IH521K Single Station Mounting Kit
(shown without pull-string and slider)

Specifications

Dimensions: 4.58"H × 3.25"W × 1.40"D
(116 mm × 82 mm × 36 mm)

Environment: 0°C–60°C

Construction: Flame retardant (UL® 94V-0) plastic

Mounting: Attach included back plate to a standard plastic single-gang old work-box or low voltage ring

Features

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

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

Listings



UL® 1069 Listed; UL® File Number E165723.



SF301B Call Cord

Specifications

Dimensions:	SF301B:	7' long
	SF301B/10:	10' long
	SF301B/20:	20' long
Construction:	SPST-1A switch, Integral brass, fine silver contacts 1 AMP, 115 watt maximum, AC	
Connections:	1/4" (6.35 mm) plug-in phono jack	

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

- Onboard sounder
- Low battery detection
- Maintenance warning
- LED indicators
- Local test and silence alarm functions

Description

The SF506ES Wireless Smoke Detector is for use with the Tek-CARE®500 Wireless Emergency Call System and is intended for indoor, open area protection. The SF506ES is self-monitoring, alerting the user when sensor maintenance is needed or batteries are low, and automatically supervising the radio link. Additionally, local test capability allows the user total visibility of the detector's functionality with a test button.

The SF506ES provides two LEDs (green and red) that will indicate: power up, sensitivity out of range, low battery, smoke alarm, and normal (standby). See IL881 Tek-CARE500 Installation Manual for LED indication details.

Required Components

Tek-CARE500 Wireless Emergency Call System
Tek-CARE 1.51.0 Version Software



SF506ES Wireless Smoke Detector

Specifications

Dimensions:	5.3"H × 5.3"W × 2.3"D (135 mm × 135 mm × 58 mm)
Construction:	Flame retardant ABS plastic
Smoke Detector Sensitivity:	2.0% per ft. obscuration, nominal
Battery:	BA505 (3v CR123A lithium battery)
Operating Temperature:	32°–120°F (0°C–50°C)
Humidity:	0–95% non-condensing

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Description

The SF525UL and SF525/2UL Universal Contact Wireless Transmitters are for use with Tek-CARE®500 Wireless Nurse Call System. The SF525UL and SF525/2UL transmit signals at the 900 MHz frequency. They send supervision signals to the Tek-CARE500 system at a selectable interval, making it ideal for both high security installations and residential installations. The transmitters are for use with any standard NO or NC contact (15 msec duration) or sensor. The SF525UL includes one selectable NO/NC input; the SF525/2UL include a selectable NO/NC input, plus an NC-only input.

The SF525UL and SF525/2UL require no physical wiring connections to transmit an alarm call and are powered by a 3V lithium battery. Each has a tamper-proof case and includes a mounting bracket.

Required Components

Tek-CARE500 Wireless Emergency Call System

Listings



UL® 2560 Listed; UL® File Number E71599.



SF525UL, SF525/2UL Universal Contact Transmitters

Specifications

Dimensions:	3.5"H × 1.7"W × 0.9"D (89 mm × 43 mm × 23 mm)
Construction:	Attractive, flame retardant ABS plastic
Contact Closure:	1.5 seconds minimum
Battery:	3.0V Lithium (BA505)
Environment:	-20°–60°C

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Description

The SF520UL Door/Window Egress Transmitter is for use with Tek-CARE®500 Wireless Emergency Call System. The SF520UL transmits signals at the 900 MHz frequency. It sends supervision signals to the Tek-CARE500 system at a selectable interval, making it ideal for both high security installations and residential installations.

The SF520UL includes a built-in magnetic reed switch in a tamper-proof case. The magnet supports a 5/8" gap, and the unit supports an NO or an NC external contact. The SF520UL requires no physical wiring connections to transmit an alarm call and is powered by a 3V lithium battery. A mounting bracket is also provided.

Required Components

Tek-CARE500 Wireless Emergency Call System

Listings



UL® 2560 Listed; UL® File Number E71599.



SF520UL Door/Window Egress Transmitter

Specifications

Dimensions:	3.5"H × 1.7"W × 0.9"D (89 mm × 43 mm × 23 mm)
Construction:	Attractive, flame retardant ABS plastic
Distance:	10 feet maximum between transmitter and external switch
Contact Closure:	1.5 seconds minimum
Battery:	3.0V Lithium (BA505)
Environment:	0°–60°C

TekTone® has designed Tek-CARE500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

Features

- Check-In feature device
- UL® 2560 Listed
- Reliable 900 Mhz transmitter operation
- Quad Element PIR
- Selectable 2-, 4-, or 6-hour sleep cycle
- Wall or Corner (wall) mounted
- Pet immunity

Description

The SF515UL Wireless PIR Activity Sensor is used with the Tek-CARE®500 Wireless Nurse Call System and functions as a check-in device for the system's resident Check-In feature. The sensor features advanced digital signal processing to recognize "human signature" size and movement, reducing false alarms. The SF515UL has a tamper-protected case, and the 3V lithium battery is included.

The SF515UL Wireless PIR Activity Sensor is ideal for residential and senior living environments. The SF515UL features immunity to radio interference, vibration, static, stray light, and other false triggering sources.

Required Components

Tek-CARE®500 Wireless Nurse Call System

Listings



UL® 2560 Listed; UL® File Number E71599.



SF515UL Wireless PIR Activity Sensor

Specifications

Dimensions:	4.25"H × 2.28"W × 1.7"D (108 mm × 58 mm × 43 mm)
Environment:	32°F to 120°F, 0%–93% non-condensing relative humidity
Battery:	3V Lithium (BA505)
Coverage Area:	26' at 89°, mounted 6' 5" to 7' 5" high

TekTone® has designed Tek-CARE®500 to work as a system. Its Tek-CARE® Server has been carefully designed and matched to work with Tek-CARE500 wireless and wired peripherals. TekTone will not warrant or support components of Tek-CARE500 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. A site survey must be performed and submitted before ordering a Tek-CARE500 system. 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 Server warranty numbers will also be required when requesting technical support.

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® Appliance Server 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 server 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 server warranty numbers will also be required when requesting technical support.

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, Single/Dual Patient, or
Multipurpose 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

- 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.



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® 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.

Features

- Preprogrammed 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® Appliance Server

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

- Provides interface between telephone line and the NC475 Tek-CARE Appliance Server
- 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

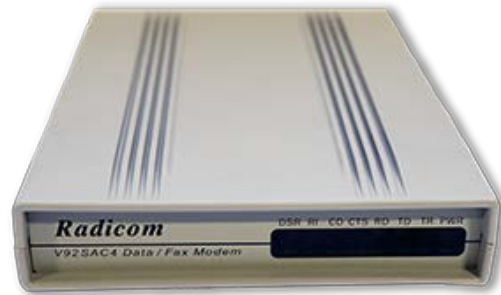
The NC503 Central Monitoring Modem allows central monitoring to be added to the Tek-ALERT® Alert Integration Manager or to a Tek-CARE® nurse call or emergency call system. The NC503 provides an interface between the system's Tek-CARE Appliance Server and a telephone line in order to send alarm messages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

Applicable Components

NC475 Tek-CARE Appliance Server 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

- 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.

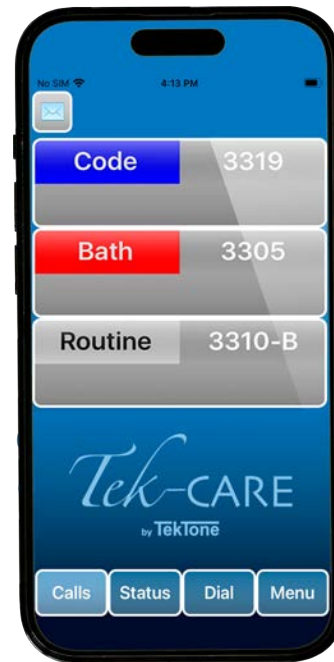
The Tek-CARE Staff App requires an NC475 Tek-CARE Appliance Server to be installed as part of the Tek-CARE system. Both the NC475 and the device running the Tek-CARE Staff App must be networked together on the same facility LAN.

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: Wi-Fi 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.)
LS620 Tek-CARE App Server license, non-voice.
or
LS630 Tek-CARE App Server license, voice.

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 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/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 Appliance Server
- 4th Generation (or newer) Apple TV and compatible display