Healthcare Communications Systems Catalog

Tek-BRIDGE® Server
Tek-CARE®120 Nurse Call System
Tek-CARE®500 Wireless Nurse Call System
Tek-CARE®300 II Nurse Call System
Tek-CARE® NC200 Nurse Call System
Tek-CARE® NC150 Nurse Call System
Tek-CARE® NC110 Nurse Call System
Tek-PAGING® Pocket Paging System

www.tektone.com

Phone: 828.524.9967
Toll-Free: 800.327.8466
Sales: Option 2
Tech Support: Option 3

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

TekTone’s quality system is registered by DQS to the ISO 9001 standard. (Reference #10001510.)
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* Please refer to specification sheet for complete product information.
The Tek-BRIDGE Server enables all Tek-CARE healthcare communications systems to be integrated into one unified system. It provides the platform for our software applications, including our Tek-CARE Event Monitors, Reporting, Mobile iOS app, Apple TV display, ADT interface, and email output. It also acts as the master station for our Tek-CARE500 wireless nurse call system and Tek-ALERT alert integration manager. See Tek-PAGING® On-Site UHF Radio Pocket Paging System to add Radio Pocket Paging equipment.

The NC474 Tek-BRIDGE Server is a proprietary server with a built-in speaker, flat screen monitor, keyboard, and mouse. It includes a paging software module for automatic and manual pages to staff; the software interface to the Tek-CARE network; Config Tool programming software; the staff/patient database; 3 network interface cards/ports to connect to the Tek-CARE network and facility LAN; and 6 RS232 serial ports to connect an NC365B paging transmitter, an NC502 auto dialer for central monitoring, Tek-CARE300II CEs, and Tek-CARE500 NC510UL & NC510 FA receivers. The Tek-BRIDGE Server is UL® 1069 listed, UL® 2560 listed, and cUL® listed to CSA C22.2 No. 205.

Add a license for each desired feature. A Reporting device is one Tek-CARE120 room controller, Tek-CARE300 II addressable device, Tek-CARE400 addressable device, Tek-CARE500 transmitter, LS600 Tek-ALERT connectivity license, or Tek-CARE700 tag. Up to 10 Event Monitors, up to 10 devices running the Tek-CARE App, and up to 10 Apple TVs can be active on the system at one time.

Licenses:
- LS120 Tek-CARE120 connectivity license
- LS301 Tek-CARE300 II connectivity license
- LS400 Tek-CARE400 connectivity license
- LS500 Tek-CARE500 connectivity license (includes FA, ES, & UL connectivity)
- LS600 Tek-ALERT connectivity license (one per foreign device)
- LS700K Tek-CARE700 connectivity license plus NC708 Starter Kit (NC710 iDTAD, SF704 Testing Tag, #6 spanner hex bit to open NC702 Door Controllers, and CA702 programming adapter for door controllers.)
- LS610/1 Reporting for 100 devices
- LS610/5 Reporting for 500 devices
- LS610/10 Reporting for 1000 devices
- LS610/25 Reporting for 2500 devices
- LS610/50 Reporting for 5000 devices
- LSMON1 Event Monitor (1 active)
- LSMON5 Event Monitor (5 active)
- LSMON10 Event Monitor (10 active)
- LS452 ADT Interface software using the HL7 Standard
- LS453 Email Output software
- LS620 Tek-CARE App Server license, non-voice
- LS621/1 Tek-CARE Mobile iOS App, non-voice (1 active)
- LS621/5 Tek-CARE Mobile iOS App, non-voice (5 active)
- LS621/10 Tek-CARE Mobile iOS App, non-voice (10 active)
- LS622/1 Tek-CARE App for Apple TV (1 active)
- LS622/5 Tek-CARE App for Apple TV (5 active)
- LS622/10 Tek-CARE App for Apple TV (10 active)

The PK250B Uninterruptible Power Supply (UPS) provides short-term backup power to a Tek-BRIDGE Server and NC510UL receiver during the switch over to emergency power. PK250B is UL® 2560 listed.

The NC502 Auto Dialer connects to a POTS line for sending alarm messages from the Tek-BRIDGE Server to a central monitoring station. The NC502 comes with a 12 VDC power adapter; a serial cable and USB-to-serial adapter to connect to the NC474 Tek-BRIDGE Server; and a standard 2-wire telephone cable to connect to a telephone wall jack.
System Features:
Tek-CARE120 is a tone-visual nurse call system without intercom communications. The system includes customizable 2-button pull-cord stations, single & dual patient stations, room controllers with dome lights, and duty stations. Network up to 20 NC120 CE modules together (19 with a Tek-BRIDGE server) for a maximum of 120 masters and 1280 room controllers. Number of master stations, multicolor dome lights, and duty stations may be changed using the load value calculator available at www.tektone.com. The system is programmed using the included LS450 Config Tool software. Tek-CARE120 is UL® 1069 and UL® 2560 Listed, cUL® listed to CSA C22.2 No. 205, and RoHS Compliant. Include a Tek-BRIDGE Server to add paging, reporting, and integration with other Tek-CARE systems.

See Tek-PAGING On-Site UHF Radio Pocket Paging System to add Radio Pocket Paging equipment.

The NC120 Central Equipment Module provides connections and power for 64 room controllers and up to six NC415 master stations. (Limit of 4 master stations on a CE module when LI484P5 4-LED multicolor dome lights are included.) The NC120 includes two built-in backup batteries that provide system power during switchover to emergency generator power. CE Modules can be stacked on a shelf, or rack mounted with an optional kit.

- Dimensions: 3.25” × 17.00” × 10.05” (83 mm × 432 mm × 255 mm)
- Required: NC415 master station; LI122 room controller with dome light or PM120 room controller; SF12-series stations.
- Options: CL120RM Rack Mount Kit

The NC415 Master Station provides audible and visual call indication without intercom communications. Its color LCD touch screen displays 3 calls at once, with scrolling for additional calls. The NC415 may be desk mounted or wall mounted. An LI484P5 corridor light may be connected directly to the master station as a zone light. Wiring is simple CAT5e or better.

- Dimensions: 4.75” × 9.60” × 1.28” (121 mm × 244 mm × 33 mm)
- Mounting Options: IH415D Desk Mount Housing
  IH415W Wall Mount Bracket

The LI484P5 4-LED Corridor Light connects directly to an NC415 master station to visually indicate the highest priority call originating in the master’s zones. Four multicolor LEDs can each display one of 8 colors.

- Dimensions: 5.0” × 4.75” × 2.75” (127 mm × 121 mm × 70 mm)
- Housing: Standard one- or two-gang box with one-or two-gang ring

The LI122 Room Controller with Dome Light provides 6 connection points for patient stations, 2-button pull-cord stations, and a duty station; plus visual indication of calls via 2 red and 2 white LEDs. The PM120 Room Controller provides the same 6 connection points in locations where a corridor dome light is not needed.

- PM120 Dimensions: 6.0” × 2.63” × 1.45” (152 mm × 67 mm × 37 mm)
- LI122 Dimensions: 5.0” × 4.75” × 2.75” (127 mm × 121 mm × 70 mm)
- LI122BL Dimensions: 5.0” × 4.75” × 2.75” (127 mm × 121 mm × 70 mm)
- LI122 Housing: Standard one- or two-gang box with one-or two-gang ring
**Tek-CARE®120 Tone-Visual Nurse Call System**

**The LI600 Sconce** covers a TekTone LED dome light to blend in with the homey atmosphere desired in today’s senior living facilities. The sconce mounts directly to the wall using two screws.

- **Dimensions:** 9.84” × 9.45” × 5.12” (250 mm × 240 mm × 130 mm)
- **Construction:** Frosted glass, and iron with painted coffee finish

**The SF121 Single Patient Station** includes an illuminated reset button, a ¼” call cord jack, and a call assurance LED. **The SF122 Dual Patient Station** has two jacks and two call assurance LEDs. The stations are surface mounted using a single-gang or dual-gang mounting kit attached to a standard single-gang ring or single-gang ring and box.

- **Dimensions:** 4.58” × 3.25” × 1.03” (116 mm × 83 mm × 26 mm)
- **Mounting Options:** IH121K Single-Gang Mounting Kit
  - IH122K Dual-Gang Mounting Kit
- **Options:** JK018K Dummy Plugs (5 each)

**Call Cords with ¼” plugs** for use with SF121 and SF122 patient stations. SF301A is UL® 2560 and UL® 1069. SF301G is UL® 1069.

- **SF301A** – push button, 7’ cord (10’ cord – SF301A/10)
- **SF301G** – geriatric call cord, oxygen use rated, 7’ cord

**The SF123 Two-Button Pull-Cord Station** includes a call button, optional pull cord, a call assurance LED, and an illuminated faceplate. The station includes slide-in inserts to identify the button call types. Standard call types include emergency, code blue, and bath. Custom button call types and inserts can be created using the LS450 Config Tool software. The stations are surface mounted using a single-gang or dual-gang mounting kit attached to a standard single-gang ring or single-gang ring and box.

- **Dimensions:** 4.58” × 3.25” × 1.03” (116 mm × 83 mm × 26 mm)
- **Mounting Options:** IH121K Single-Gang Mounting Kit
  - IH122K Dual-Gang Mounting Kit
- **Options:** RP187K gaskets to install in wet environments (5 each)

**The SF125 Duty Station** annunciates calls both audibly and visually via a tone speaker and 4 colored LEDs. The highest level call in the watched zones is annunciated, and watched zones are programmable via the LS450 Config Tool. The duty station connects to the room controller using 2 of the 6 connection points. Each NC120 CE Module supports 16 duty stations (4 per run). The station is surface mounted using the included mounting kit attached to a standard single- or double-gang ring, or single- or double-gang ring and box.

- **Dimensions:** 4.58” × 6.74” × 1.03” (116 mm × 171 mm × 26 mm)

**The PM123 Auxiliary Input Module** provides two normally open dry contact inputs and may be connected to the LI122, LI122BL and PM120 room controllers. Ring terminals are included.

- **PM123 Dimensions:** 6.0” × 2.63” × 1.45” (152 mm × 67 mm × 37 mm)
Tek-CARE®500 Wireless Nurse Call System

System Features:
Tek-CARE®500 is a UL® 2560 Listed wireless nurse call system designed specifically for senior living facilities. The system operates with UL transmitters, but can also handle older EchoStream and Frequency Agile® transmitters. Tek-CARE500 includes a complete selection of wireless call transmitters, including pendants, emergency switches, smoke detectors, door & window monitors, and motion detectors. Residents wear water resistant pendant call transmitters, allowing them the freedom to roam throughout a facility, and the confidence that help is just a button press away. Wall-mounted transmitters or PIR detectors may also be used as a morning “check-in” system. A complete system can accommodate up to 1500 transmitters.

These components are UL® 2560 listed. All other components provide ancillary annunciation.


The NC500ESSK Site Survey Kit is required to determine the optimum locations for repeater/locators and transmitters in a Tek-CARE500 system. The system cannot be laid out using distances or other means, due to the nature of RF signals. The NC500ESSK components and instruction manual are packaged in a durable molded plastic carrying case. It is powered by 4 AA batteries (not included) and is completely portable.

The NC510UL Receiver connects to the NC501ES Tek-BRIDGE, receiving signals from all wireless devices and transmitting them to the NC501ES. The receiver connects to a COM port on the NC501ES via the included power supply/PC interconnect assembly. The NC510UL should be located near the NC501ES.

- Dimensions: 13.5”H × 6.5”W × 1.0”D (89 mm × 165 mm × 25 mm)
- Power: 12 VDC provided by included power supply/PC interconnect assembly
- Frequency: 902–928 MHz frequency-hopping spread spectrum

The NC511UL Repeater/Locator allows greater distances between transmitters and the receiver, and also provides general transmitter location information in single level applications. Its range makes it a practical wireless solution for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects. Wireless radio protocols and Signal Synchronization Technology™ allow the repeater to act intelligently, amplifying transmission from any Tek-CARE500 transmitter while ignoring background noise.

- Dimensions: 3.5”H × 6.5”W × 1.0”D (89 mm × 165 mm × 25 mm)
- Power: 12–16.5 VAC or VDC (transformer included)
- Backup Battery: 2450 mAH at 3.7 V lithium-ion (included; BA511)
- Backup Time: Up to 24 hours; varies depending upon repeater usage

The SF503UL Neck Lanyard Pendant and SF504UL Wristband Pendant are water-resistant and may be worn anywhere they might be splashed or momentarily submerged. They have a single-button design with “press and one-second hold” activation, making them easy to use but very 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. Pendants are fully supervised, so that Tek-CARE500 shows missing and low battery units.

- Dimensions: 1.6”H × 1.6”W × 0.5”D (40 mm × 40 mm × 12.5 mm)
- Weight: 0.6 oz.
- Battery: 3V Lithium (BA004)
- Option: RP500K Alarm Clearance Cards – 10 each
The SF515UL Wireless PIR Motion Detector may be used either as a security device or for Tek-CARE500’s built-in resident check-in feature. The SF515UL is fully supervised, so that Tek-CARE500 shows missing and low battery units.

- **Dimensions:** 4.5\"H × 2.5\"W × 1.6\"D (114 mm × 64 mm × 41 mm)
- **Battery:** 3V Lithium
- **Coverage area:** 85° × 49’

The SF520UL Door/Window Egress Wireless Transmitter 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. A mounting bracket is included.

- **Dimensions:** 3.5\"H × 1.7\"W × 0.9\"D (89 mm × 43 mm × 23 mm)
- **Contact Closure:** 1.5 seconds minimum
- **Battery:** 3V Lithium

The SF525UL and SF525/2UL Universal Contact 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 includes a selectable NO/NC input, plus an NC-only input. The SF525UL and SF525/2UL are fully supervised, so that Tek-CARE500 shows missing and low battery units. Each has a tamper-proof case and includes a mounting bracket.

- **Dimensions:** 3.5\"H × 1.7\"W × 0.9\"D (89 mm × 43 mm × 23 mm)
- **SF525UL Contact Type:** Maintained, 1.5 seconds minimum
- **SF525/2UL Contact Type:** Momentary
- **Battery:** 3V Lithium

The SF527UL Wireless Support Module connects to an SF337C Waterproof Emergency Switch via a 7-pin keyed Molex connector. When properly installed, the SF527UL/SF337C assembly may be located in a shower, bath or tub room. The SF527UL has a tamper-proof case and is fully supervised, so that the Tek-CARE500 system shows missing and low battery units. Use the IH527 Plastic Box to surface mount. To flush mount, use a plastic box that does not interfere with RF signals. SF337C is UL®1069 listed.

- **Dimensions:** 3.5\"H × 1.7\"W × 0.9\"D (89 mm × 43 mm × 23 mm)
- **Contact Closure:** Momentary, 1.5 seconds minimum
- **Battery:** 3V Lithium (BA505), 4–5 years
- **Housing:** IH527 plastic surface-mount or plastic single-gang box
- **Required:** SF337C Emergency Switch

The SF529UL Check-In/Assistance Station can be wall mounted near any resident location for call placement and check-in. The station includes a pull-down assistance switch, check-in push button, and a call assurance LED. Calls are latched locally to assure that residents receive direct staff attention. The SF529UL features a fully supervised RF link to ensure reliability and to monitor for battery low condition. The battery is a customer replaceable 3V lithium.

- **Dimensions:** 4.5”× 2.75” × 2.25” (114 mm × 69 mm × 58 mm)
- **Battery:** 3V Lithium (BA505), 4–5 years
**The SF530UL Single Resident Bed Station** can be wall mounted near any resident location for call placement. The station includes a standard ¼” call cord receptacle, cord out detection, a call assurance LED, and a reset button. Calls are latched locally to assure that residents receive direct staff attention. The SF530UL features a fully supervised RF link to ensure reliability and to monitor for battery low condition. The battery is a customer replaceable 3V lithium.

Dimensions: 4.5” × 2.75” × 2.25” (114 mm × 69 mm × 58 mm)
Battery: 3V Lithium (BA505), 4–5 years
Housing: IH528 plastic surface-mount or plastic single-gang box

**The SF531UL Wireless Emergency Call Station** can be wall mounted near any resident location for call placement. The station includes a pull-down emergency switch and a call assurance LED, and is also provided with an optional plastic pull cord. Calls are latched locally to assure that residents receive direct staff attention. The SF531UL features a fully supervised RF link to ensure reliability and to monitor for battery low condition. The battery is a customer replaceable 3V lithium.

Dimensions: 4.5” × 2.75” × 2.25” (114 mm × 69 mm × 58 mm)
Battery: 3V Lithium (BA505), 4–5 years
Housing: IH528 plastic surface-mount or plastic single-gang box

**Call Cords with ¼” plugs** for use with SF530UL patient stations. SF301A is UL® 2560 and UL® 1069. SF301G is UL® 1069.

- SF301A – push button, 7’ cord (10’ cord – SF301A/10)
- SF301G – geriatric call cord, oxygen use rated, 7’ cord

**The IH511 Weatherproof Housing** accommodates an NC511UL Repeater/Locator. The IH511 is constructed of plastic for durability and for unhindered signal reception and transmission, and may be mounted indoors or outdoors. Knockouts are provided on the back to allow connection of an AC transformer.

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

**The IH527 Plastic Surface-Mount Box** is a single-gang box for surface mounting the SF527UL/SF337C Emergency Switch Assemblies or the SF530UL Single Resident Bed Station.

**The IH528 Plastic Surface-Mount Box** is a single-gang box for surface mounting the SF529UL Check-In/Assistance Station or the SF531UL Emergency Switch. The IH527 and IH528 are constructed of ABS plastic to coordinate with the switches and stations, and do not interfere with wireless RF transmission signals.

IH527 Dimensions: 4.5”H × 2.85”W × 2.65”D (114 mm × 72 mm × 67 mm)
The NC505ES, NC506ES, and NC507ES Remote Receivers are used to connect external dome lamps, relays, door locks, etc. to the Tek-CARE500 system, while functioning independently of the system. The remote receivers feature separate, dry-contact Form-C outputs that can be programmed for activation by one or more transmitters. The NC505ES has 6 outputs and 16 inputs; the NC506ES has 4 outputs and 4 inputs; the NC507ES has 12 outputs and 32 inputs. Outputs are individually configurable for latching, follower, toggle, or momentary activation modes. SF501ES, SF501/2ES and SF502ES transmitters do not support dome light annunciation.

The PK505 Power Supply is for the NC50xES-series of remote receivers. It is a class 2 plug-in power supply powered by 110 VAC. 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.

LI381 and LI382 Corridor Dome Lights are constructed on a 2-gang flame-retardant (UL® 94V-0) plastic base and use pigtail connectors. UL® 1069 listed.

<table>
<thead>
<tr>
<th>LI381</th>
<th>LI382</th>
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<tbody>
<tr>
<td>1 bulb, large white lens</td>
<td>2 bulbs, 1 red bulb cover, large white lens</td>
</tr>
<tr>
<td>Dimensions: 4.562” × 4.562” × 3” (116 mm × 116 mm × 76 mm)</td>
<td></td>
</tr>
<tr>
<td>Housing: Two-gang ring or two-gang ring with two-gang box</td>
<td></td>
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</tbody>
</table>

LI382LED Corridor Dome Lights are constructed on flame-retardant (UL® 94HB) plastic bases and use plug-in type connectors. UL® 1069 listed.

<table>
<thead>
<tr>
<th>LI382LED</th>
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<tbody>
<tr>
<td>4 LEDs (2 red, 2 white)</td>
</tr>
<tr>
<td>Dimensions: 4.8” × 5” × 2.755” (122 mm × 127 mm × 70 mm)</td>
</tr>
<tr>
<td>Housing: Standard one- or two-gang box with one-or two-gang ring</td>
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</tbody>
</table>

The PK601A Power Supply provides power and control for one state (steady/routine) to dome lights when used with an NC50xES-series remote receiver. The 1 Amp 24 VDC power supply is housed in an extruded aluminum case. Connections are via screw terminals.

| Dimensions: 5”H × 2.375”W × 2.25”D (127 mm × 60 mm × 57 mm) |
| Mounting: Surface mount |
| Required: SS106 Transformer |

The SS106 Class 2 Transformer offers a compact, easy-to-install low voltage AC power source for use with the PK601A Power Supply. The transformer is UL® Listed and will safely take itself offline when overheated. It is designed for easy installation in a standard 1/2” knockout or for surface installation, and may be used in either plastic or metal boxes.

Specifications: 120 VAC primary, 8 VAC 20 VA
The IH151NK Power & Control Kit provides power and control for two states (steady/routine and flashing/emergency) to dome lights when used with an NC50xES-series remote receiver. The kit includes a PK152 Power & Control Unit and an SS106 Class 2 Transformer installed in an IH151N junction box. The PK152 uses pigtail connections. Knockouts are included on all sides (except the lid) to allow the connection of electrical conduit from any direction.

Dimensions: 11.75” × 11.75” × 3.75” (294 mm × 294 mm × 94 mm)

TekTone has designed Tek-CARE 500 to work as a system. Its Tek-BRIDGE 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-BRIDGE Server warranty numbers will also be required when requesting technical support.
Tek-CARE®300 II Microprocessor-based Nurse Call System

**System Features:**
Tek-CARE300 II is a microprocessor-based audio/visual nurse call system that can be fully integrated with pagers and our Tek-BRIDGE system. The Tek-CARE300 II Microprocessor-based Nurse Call System is UL® 1069 Listed.

See the Tek-PAGING® On-Site UHF Radio Pocket Paging System section to add Radio Pocket Paging equipment.

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**The NC305LCD Master Station** provides handset and loudspeaker communication to respond to calls, issue staff requests and alter room programming status to accommodate differing patient needs. It includes an integrated backlit color LCD VGA display with 10.4" viewing area to display up to 20 active patient, staff or duty calls, plus two levels of staff presence and STAT priority calls. It can address up to 512 single or dual patient stations in up to 16 zones. The master station is constructed of flame-retardant (UL® 94V-0) plastic, uses plug-in connectors, and is desk mounted.

Dimensions: 13.2” × 9” × 5.5” (335 mm × 229 mm × 140 mm)
Required: NC351A-series central equipment and IR300-series patient stations or SF380A patient stations

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**The NC351A and NC351A/2 Central Equipment** supply the central point for system component integration, and house the necessary firmware to operate all the Tek-CARE® NC300 II system functions. From a single durable metal enclosure, the central equipment supports 2 isolated serial ports, field station ports, master console ports, and power requirements for the patient, staff and duty stations. The NC351A supports up to 4 master stations and 256 station addresses. The NC351A/2 supports up to 8 master stations and 512 station addresses.

Dimensions: 19.5” × 15.5” × 5.25” (495 mm × 394 mm × 133 mm)
Power: 115 VAC, 60 Hz, 125 W

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**The PK305A Supplemental Power Supply** provides the NC351A/2 Central Equipment with the additional power necessary to support 512 patient stations.

Dimensions: 10.75” × 8.75” × 3.25” (273 mm × 222 mm × 83 mm)
Power: 115 VAC, 60 Hz, 125 W

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**The PK250B Uninterruptible Power Supply** (UPS) provides short-term backup power to the central equipment during the switch over to emergency power.

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**The IR310E Staff Station** is used for communication by staff to the master station. It may also be used as a push-button room station in assisted living or retirement facilities. The IR310E includes a call button, call-placed LED, privacy light/reset button and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

Dimensions: 4.5” × 6.375” × 2.375”(114 mm × 162 mm × 60 mm)
Housing: Steel City #H3BD with #3GC plaster ring or exact equal

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**The IR318B Single Bed Pull-cord Patient Station** has a pull cord to place a routine, personal attention or priority level call. The IR318B includes a pull cord, call-placed LED, privacy light/reset button and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate. Typically, the IR318B is used as a room station in assisted living and retirement facilities.

Dimensions: 4.5” × 6.375” × 2.375” (114 mm × 162 mm × 60 mm)
Housing: Steel City #H3BD with #3GC plaster ring or exact equal
**The IR319B Single Bed Station** uses a push-button call cord to place a routine, personal attention or priority level call. The IR319B includes a DIN-style jack, call-placed LED, privacy light/reset button and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate. **The IR320B Dual Bed Station** has two DIN-style jacks and two call-placed lights.

**Dimensions:** 4.5” × 6.375” × 2.375” (114 mm × 162 mm × 60 mm)

**Housing:** Steel City #H3BD with #3GC plaster ring or exact equal

**The SF41ZDL and SF41ZKL Pillow Speakers** with 8-pin DIN plug are for use with IR319B and IR320B patient stations. The pillow speakers include a nurse call button, plus controls for speaker volume, TV on/off, channel selection up/down, Closed Captioning, mute, room light and read light. The SF41ZKL also includes a keypad for direct channel access. Pillow speakers have 8’ cords with strain relief. They are fully sealed for easy cleaning, and oxygen safe.

**Call Cords with DIN plugs** for use with IR319B and IR320B patient stations are oxygen safe and waterproof.

- SF401A – push button, 7’ cord (10’ cord – SF401A/10)
- SF401G – geriatric call cord, 6’ cord
- SF401GP – geriatric pad call cord with gripping feet, 8’ cord

**The SF401EX Strain Relief Cable** increases the life span of call cords, pillow speakers and room stations. The 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. The SF401EX is a 6” polyvinyl-covered cord with molded ends.

**The PM311C and PM312C Pillow Speaker Intercom Modules** send intercom functions through to a pillow speaker. The PM311C module plugs onto an IR311C patient station, while the PM312C module plugs onto an IR312C patient station. Use a pillow speaker with intercom relay (suffix “I”).

**The PM321B and PM322B Light Control Modules** send light control functions through to a pillow speaker. The PM321B module plugs onto an IR311C patient station, while the PM322B module plugs onto an IR312C patient station. Use a pillow speaker with light controls (suffix “L”). The PM321B/PM322B modules also plug onto PM311C/PM312C to enable both intercom and light functions.

**The IR300E Addressable Multi-Purpose Station** connects remote signaling devices to the central equipment. The IR300E includes inputs for contact closures and emergency call switches, and outputs to speakers, paging amp, dome and zone lamps. The IR300E has a flame-retardant (UL® 94V-0) plastic faceplate and pigtail connectors.

**Dimensions:** 4.5” × 6.375” × 2.75” (127 mm × 175 mm × 70 mm)

**Housing:** Steel City #H3BD with #3GC plaster ring or exact equal
The **IR315F Duty Station** provides two-way communication between the master station and a utility room, exam room, kitchen, or other location out of hearing and sight of the master station. A call from a patient station is indicated audibly and visually at the associated IR315F duty station, and tones and lights vary depending upon call priority. The IR315F has a call-placed light/call button, an in-use light/reset button, and an emergency/code call light, mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 6.375” × 2.75” (127 mm × 175 mm × 70 mm)
- **Housing:** Steel City #H3BD with #3GC plaster ring or exact equal

The **RY351B Hill-Rom® Side-Com® Adapter** is used to connect Hill-Rom® beds with Side-Com® controls to the nurse call system. The RY351B interconnects the patient station’s TV, call and intercom functions with the bed’s 37-pin (P-3762) connector.

- **Housing:** Double-gang box and/or single-gang ring

LI380LED, LI382LED and LI386LED Corridor Dome Lights are constructed on flame-retardant (UL® 94HB) plastic bases and use plug-in type connectors. The LI386LED addressable dome light interfaces to stand alone switches or contacts with no connected patient station.

- **LI380LED** – 4 LEDs (amber, green, red, white)
- **LI382LED** – 4 LEDs (2 red, 2 white)
- **LI386LED** – 4 LEDs (amber, green, red, white), addressable
- **Dimensions:** 4.8” × 5” × 2.755” (122 mm × 127 mm × 70 mm)
- **Housing:** Standard one- or two-gang box with one-or two-gang ring

The **SF337C Emergency Switch** is waterproof when installed per specifications, and is wired in conjunction with a bed station, or addressable station or dome. It includes a pull-down switch, call-placed LED and optional plastic pull cord mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 2.812” × 1.625” (114 mm × 72 mm × 41 mm)
- **Housing:** Double-gang box and/or single-gang ring

The **SF340B Emergency Switch** is wired in conjunction with a bed station, or addressable station or dome. The SF340B includes a pull-down switch, call-placed LED and optional plastic pull cord mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 2.812” × 1.625” (114 mm × 72 mm × 41 mm)
- **Housing:** Double-gang box and/or single-gang ring

The **SF341B Code Switch** is wired in conjunction with a bed station, or addressable station or dome. The SF341B includes a pull-down switch and call-placed LED mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 2.812” × 1.625” (114 mm × 72 mm × 41 mm)
- **Housing:** Double-gang box and/or single-gang ring

The **SF350B Staff Presence Switch** provides push-button registration of staff presence at the patient station location. The SF350B enables the use of room-to-room nurse follower and selective staff paging functions. It provides two levels of staff presence, and includes two lighted staff push buttons, amber and green, on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 2.75” × 1.5” (114 mm × 70 mm × 38 mm)
- **Housing:** Double-gang box and/or single-gang ring
The SF380A Visual-only Addressable Patient Station indicates a routine call when used with an SF301A or SF302 push-button call cord. When partnered with the proper auxiliary stations, the SF380A can indicate bath emergency calls, code calls and nurse presence, and has a smoke detector input. It includes a ¼" jack, call-placed LED and reset button mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

Dimensions: 4.5” × 2.75” × 2.5” (114 mm × 69 mm × 64 mm)
Housing: Double-gang box and single-gang ring

Call Cords with ¼" plugs for use with SF380A patient stations:

- SF301A – push button, 7' cord (10' cord – SF301A/10)
- SF302 – dual push button, 7“Y” cord (10’ cord – SF302/10)
- SF301G – geriatric call cord, oxygen use rated, 7' cord

The SF381 Standalone Emergency Station connects directly to the system bus wiring with no need for interconnection to any other addressable device. The SF381 includes a dome lamp output and is addressed using dip switches. The station includes a pull-down switch, call-placed LED and optional plastic pull cord mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

Dimensions: 4.528” × 2.835” × 1.625” (115 mm × 72 mm × 41 mm)
Housing: Double-gang box and single-gang ring

The SF382 Standalone Code Station connects directly to the system bus wiring with no need for interconnection to any other addressable device. The SF382 includes dome lamp outputs, and is addressed using dip switches. The SF382 includes a pull-down switch and call-placed LED mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

Dimensions: 4.528” × 2.835” × 1.625” (115 mm × 72 mm × 41 mm)
Housing: Double-gang box and single-gang ring

The JK300A Monitor Call Interface is used where a simple interface is needed to connect the monitor input of an IR300-series station to an external contact closure. The JK300A accepts a standard ¼” phono-type jack and registers a monitor 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 JK300A is mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

Dimensions: 4.5” × 2.75” × 1.5” (114 mm × 70 mm × 38 mm)
Housing: Single-gang box and/or ring
**Tek-CARE® NC200 Direct-Select Audio/Visual Nurse Call System**

**System Features:**
Tek-CARE NC200 is a desk-mounted audio/visual nurse call system that offers a wide variety of system options and accessories. Direct-select master stations have buttons for each remote station. The Tek-CARE NC200 Nurse Call System is UL® 1069 Listed.

See the *Peripherals for Tek-CARE® NC200, NC150 & NC110* and the *Peripherals for Tek-CARE® NC200 & NC150 only* sections for additional components. See the *Tek-PAGING® On-Site UHF Radio Pocket Paging System* section to add Radio Pocket Paging equipment. See the *Tek-ALERT Alert Integration Manager Catalog* to add Management Reporting and Remote Event Monitoring.

The **NC200 Master Station Panel** is constructed of extruded aluminum, and includes the speaker and control module for this modular station. The NC200 is desk mounted.

The **PM200/20N 20-Station Add-on Panel** includes 20 annunciator lamp/buttons, plus a group call button for each row of ten lamp/buttons. Lamp/buttons have removable lenses for easy identification. Each master station is configured with two to four PM200/20N panels, to accommodate 40–80 remote stations. NC110 panels may be used as remote annunciators for the NC200.

- **Option:** TA200N Handset panel
- **Housing:** IH203N, IH204N or IH205N Desk Housing
- **Power:** 110 VAC supplied by the SS106 Transformer
- **Required:** IH151NK Power & Control Kit; IR150-series Stations

**Tek-CARE® NC150 Direct-Select Audio/Visual Nurse Call System**

**System Features:**
Tek-CARE NC150 may be wall or desk mounted, and offers a wide variety of system options and accessories. Direct-select master stations have buttons for each remote station. The Tek-CARE NC150 Nurse Call System is UL® 1069 Listed.

See the *Peripherals for Tek-CARE® NC200, NC150 & NC110* and the *Peripherals for Tek-CARE® NC200 & NC150 only* sections for additional components. See the *Tek-PAGING® On-Site UHF Radio Pocket Paging System* section to add Radio Pocket Paging equipment. See the *Tek-ALERT Alert Integration Manager Catalog* to add Management Reporting and Remote Event Monitoring.

The **NC150 Master Station Panel** is constructed of extruded aluminum, and includes the speaker, control module and amplifier board for this modular station, plus 4 to 16 lamp/buttons. The NC150 may be desk mounted, or flush or surface wall mounted.

The **AM150-series Button Adder Panels** are available with 24 or 36 annunciator lamp/buttons.

Lamp/buttons have removable lenses for easy identification. Each master station is configured with one NC150 panel, plus up to four AM150-series panels, to accommodate 4–160 remote stations. NC110 panels may be used as remote annunciators for the NC150.

- **Options:** TA150N Handset panel
- **AM100 Blank Add-on Panel**
- **Panel Dimensions:** 14.75"H × 4"W (369 mm × 100 mm)
- **Housings:** Flushed: OH200-series Housing & OF200-series Frame
  Surface: OH300-series Housing & OF200-series Frame
  Desk: IH300-series Desk Housing
- **Power:** 110 VAC supplied by the SS106 Transformer
- **Required:** IH151NK Power & Control Kit; IR150-series Stations
**System Features:**
Tek-CARE NC110 is a wall- or desk-mounted nurse call system that provides audible and visual call indication without intercom communications. The master annunciator station has lights for each remote station, and may be used as a remote annunciator for NC200 and NC150 systems. The Tek-CARE NC110 Nurse Call System offers a large variety of room stations and emergency signal devices, and is UL® 1069 Listed.

See the **Peripherals for Tek-CARE® NC200, NC150 & NC110** section for additional components. See the **Tek-PAGING® On-Site UHF Radio Pocket Paging System** section to add Radio Pocket Paging equipment. See the **Tek-ALERT Alert Integration Manager Catalog** to add Management Reporting and Remote Event Monitoring.

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**The NC110A Desk-Mount Master Station Annunciator** includes membrane buttons for tone on/off, tone test, and tone volume control, plus 50 indicator LEDs with removable label strips for custom marking.

- **Dimensions:** 8.5”H × 8.5”W × 3”D (216 mm × 216 mm × 76 mm)
- **Power:** 24 VDC, 650 mA
- **Required:** IH151NK Power & Control Kit; SF-series Stations

**The NC110 Master Station Panel** is constructed of extruded aluminum, and includes the control module for this modular station, plus 4 to 32 indicator lamps. The NC110 may be desk mounted, or flush or surface wall mounted.

**The AM110-series Add-on Panels** are available with 24 or 36 indicator lamps. Lamps have removable lenses for easy identification. Each master station is configured with one NC110 panel, plus up to five AM110-series panels, to accommodate 4–212 remote stations. NC110 panels may be used as remote annunciators for the NC200 and NC150.

- **Options:** AM100 Blank Add-on Panel
- **Panel Dimensions:** 14.75”H × 4”W (369 mm × 100 mm)
- **Housings:**
  - **Flush:** OH200-series Housing & OF200-series Frame
  - **Surface:** OH300-series Housing & OF200-series Frame
- **Desk:** IH300-series Desk Housing
- **Power:** 110 VAC supplied by the SS106 Transformer
- **Required:** IH151NK Power & Control Kit; SF-series Stations

**The SF100C Visual-only Patient Station** uses an SF301A push-button call cord to place a routine level call. The SF100C includes a ¼” jack, call-placed LED and cancel button mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

**The SF102 Dual Visual-only Patient Station** includes two ¼” jacks and a combination call-placed LED/cancel button. The SF102 uses two SF301A push-button call cords.

**The SF101C Visual-only Patient Station** uses an integral push button to place a routine level call. The SF101C includes a call button/call-placed LED and a cancel button mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5” × 2.75” × 1.75” (114 mm × 69 mm × 44 mm)
- **Housing:** Double-gang box and/or single-gang ring

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**Peripherals for Tek-CARE® NC200, NC150 & NC110**

**Call Cords with ¼” plugs** for use with IR151B, IR152B, SF100C and SF102 stations:

- **SF301A** – push button, 7’’cord (10’’cord – SF301A/10)
- **SF302** – dual push button, 7’’Y’’cord (10’’cord – SF302/10)
- **SF301G** – geriatric call cord, oxygen use rated, 7’’cord
LI382LED Corridor Dome Lights are constructed on flame-retardant (UL® 94HB) plastic bases and use plug-in type connectors.

- **LI382LED** – 4 LEDs (2 red, 2 white)
- **Dimensions**: 4.8” × 5” × 2.755” (122 mm × 127 mm × 70 mm)
- **Housing**: Standard one- or two-gang box with one-or two-gang ring

LI381 and LI382 Corridor Dome Lights are constructed on a 2-gang flame-retardant (UL® 94V-0) plastic base and use pigtail connectors.

- **LI381** – 1 bulb, large white lens
- **LI382** – 2 bulbs, 1 red bulb cover, large white lens
- **Dimensions**: 4.562” × 4.562” × 3” (116 mm × 116 mm × 76 mm)
- **Housing**: Double-gang ring or double-gang ring with double-gang box

The LI150B Duty Station provides indication of incoming calls in areas out of hearing and sight of the master station. A call from a patient station is indicated audibly and visually at the associated LI150B duty station, and tones and lights vary depending upon call priority. The LI150B includes a tone-off slide switch (to silence routine level calls) mounted on a flame-retardant (UL® 94V-0) plastic faceplate. Maximum 4 per system.

- **Dimensions**: 4.5” × 2.75” × 1.5” (114 mm × 69 mm × 38 mm)
- **Housing**: Double-gang box and/or single-gang ring

The SF155B and SF337C Emergency Switches include a pull-down switch, call-placed LED and optional pull cord mounted on a flame-retardant (UL® 94V-0) plastic faceplate. The SF155B can be wired in conjunction with a bed station, or used by itself. The SF337C is waterproof if installed per specifications, and is wired in conjunction with a bed station, addressable station or dome.

- **Dimensions**: 4.5” × 2.812” × 1.625” (114 mm × 71 mm × 41 mm)
- **Housing**: Double-gang box and/or single-gang ring

The SF156B Code Switch can be wired in conjunction with a bed station, or used by itself. The SF156B includes a pull-down switch and call-placed LED mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions**: 4.5” × 2.812” × 1.5” (114 mm × 71 mm × 38 mm)
- **Housing**: Double-gang box and/or single-gang ring

The IH151NK Power & Control Kit is used as the central junction point for wiring Tek-CARE NC200N, NC150N and NC110N nurse call systems, and supplies all necessary power and control circuits. The kit includes a PK152 Power & Control Unit and an SS106 Class 2 Transformer installed in an IH151N junction box. The PK152 uses pigtail connections and provides two priority call levels: emergency and routine. (Use the PK153 to add a third priority) Knockouts are included on all sides (except the lid) to allow the connection of electrical conduit from any direction.

- **Dimensions**: 11.75” × 11.75” × 3.75” (294 mm × 294 mm × 94 mm)
Peripherals for Tek-CARE® NC200, NC150 & NC110

**The PK153 Third Priority Control Unit** provides a third priority call level. Common uses include code call switches or smoke detector annunciation. The PK153 uses screw terminal connections.

- **Dimensions:** 9.5" × 2.375" × 2.25" (238 mm × 59 mm × 57 mm)
- **Power:** Interconnected with the PK151A

**OF200, OH200, OH300 Housings & Frames** for NC150N & NC110N master stations:
- Select the frame and housing that accommodates the total number of master station, handset and add-on panels (i.e., OF203/OH203 accommodates 3 panels). Refer to IL312 Housing Reference Chart for overall size and cutout dimensions.

- **Flush mount:** OF200-series Frame and OH200-series Housing
- **Surface mount:** OF200-series Frame and OH300-series Housing
- **Desk mount:** IH300-series Desk Console

- **Dimensions:** (width varies)
  - OF200 frames: 17.75"H × 3.5"D (444 mm × 88 mm)
  - OH200 housings: 16.125"H × 3.875"D (404 mm × 97 mm)
  - OH300 housings: 17.75"H × 3.625"D (444 mm × 91 mm)

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**Peripherals for Tek-CARE® NC200 & NC150 only**

**The IR150B Staff Station** is used for communication by staff to the master station. It may also be used as a push-button room station in assisted living or retirement facilities. The IR150B includes a call button, call-placed LED, privacy light/reset button and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

- **Dimensions:** 4.5" × 6.375" × 2.375" (114 mm × 162 mm × 60 mm)
- **Housing:** Steel City #H3BD with #3GC plaster ring or exact equal

**The IR155B Single Bed Pull-Cord Patient Station** has a pull cord to place a routine or emergency level call. The IR155B includes a plastic pull cord, reset switch, call-placed LED, privacy LED and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate. Typically, the IR155B is used as a room station in assisted living and retirement facilities.

- **Dimensions:** 4.5" × 6.375" × 2.375" (114 mm × 162 mm × 60 mm)
- **Housing:** Steel City #H3BD with #3GC plaster ring or exact equal

**The IR151B Single Bed Station** uses a push-button call cord to place a routine level call. The IR151B includes a ¼" jack, call-placed LED, privacy light/reset button and speaker mounted on a flame-retardant (UL® 94V-0) plastic faceplate.

**The IR152B Dual Bed Station** has two ¼" jacks and two call-placed lights.

- **Dimensions:** 4.5" × 6.375" × 2.375" (114 mm × 162 mm × 60 mm)
- **Housing:** Steel City #H3BD with #3GC plaster ring or exact equal
System Features
Tek-PAGING transmits alphanumeric messages and resident/patient call information directly from wireless emergency call and nurse call systems to pagers.

The NC397A Alphanumeric Pager has a large 2-line 20-character display that is backlit for viewing in low light. The pager stores up to 60 messages, can be configured to annunciate via 4 vibrate patterns or 5 tone alert styles, and has one alarm for daily annunciation. Included with the pager is a matching holster/belt clip and bungee safety cord. The NC397A has been pre-programmed to receive call information from TekTone systems.

Dimensions: 2.087” × 2.99” × 0.67” (53 mm × 76 mm × 17 mm) without holster belt clip

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. The NC365B Paging Transmitter is pre-programmed for use with TekTone systems for simplified plug-and-play setup.

Range depends upon the site and the transmitter’s location. To determine the exact coverage, conduct a site survey. Under ideal conditions, the paging transmitter has an operational range of up to one mile. The unit includes a ¼-wave BNC-terminated antenna to provide coverage that meets most requirements.

Dimensions: 7.48” × 12.99” × 2.76” (190 mm × 330 mm × 70 mm)

The NC377-series Voltage Interface (Paging Interface Adapter) integrates TekTone’s Tek-CARE NC110, NC150 and NC200 Nurse Call Systems with the NC365B Paging Transmitter, and connects directly to the nurse call master. The voltage interface is available in two configurations: The NC377/32 accommodates 32 inputs, while the NC377/64 handles up to 64 inputs. Connect up to 9 total NC377/64s to the NC365B Paging Transmitter to accommodate up to 576 inputs.

The NC377-series Voltage Interface sends call priority information via a serial port to the NC365B Paging Transmitter. The transmitter then transmits this information to the pagers, allowing the staff to distinguish call priority levels.

Dimensions: 14” × 10” × 1.5” (356 mm × 254 mm × 38 mm)

The SI005 LED Message Sign is a radio paging receiver with a large one-line backlit LED alphanumeric display. The SI005 receives alphanumeric messages and patient call information from TekTone systems via the NC365B Paging Transmitter. It displays 10–40 characters per line, is programmable for up to six CAP codes, and may be configured for annunciation via audible tones.

The SI005 stores up to 24 messages. Messages are deleted after a predetermined length of time, and are automatically deleted as new messages arrive (beyond the 24 message limit), with the oldest messages deleted first.

Dimensions: 28”L × 6.75”H (711 mm × 171 mm)
Weight: 8.4 lbs.