

## ARCHITECTS' & ENGINEERS' SPECIFICATIONS

The Contractor shall furnish and install a complete Audible-Visual Nurse Call System as described herein and as shown on the plans. It shall be a **TekTone®** Tek-Care NC110 (NC-110) system or approved equal as provided by **LEE DAN®** Communications, Inc.

**Pull Stations:** Emergency pull stations shall be **TekTone®** model SF155B (SF-155B) or approved equal. If waterproof switches are required, SF337C (SF-337C) Emergency Shower Switch shall be used in place SF155B. Pull Cord must be UL® 1069 listed.

Station shall have nylon pull cord actuated pull down lever mounted on durable flame-retardant (UL® 94V-0) plastic faceplate with red lever marked 'EMERGENCY'. Cord shall be nylon with molded pull tassel. Pull cord shall be a minimum of 6' long, so it can be reached from the floor if necessary. Cancellation of an emergency call shall be possible only at the pull station of origin.

**System Controller:** Power and control unit shall be a **TekTone®** PK152 (PK-152) or approved equal. Controller shall be powered by a **LEE DAN®** model PS-30A transformer (16VAC/30VA), or approved equal and shall be UL® Listed.

**Annunciator/Control Panel:** Annunciator/Control Panel shall be a **TekTone®** Tek-Care series NC110 (NC-110) or approved equal. Panel shall be constructed of anodized extruded aluminum modules with individually designated backlighted lens covers for each zone. Screw terminals shall be provided for light wiring hookup. Pigtail connections will not be acceptable.

An audible signal shall be provided through an electronic buzzer. Access screws shall be tamper resistant Scrulox type. Annunciator/Control panel shall be UL® 1069 Listed.

**NC110A Desktop Panel:** For desktop style annunciator up to 50 zones, a **TekTone®** NC110A (NC-110A) 50-zone capacity desk style master may be used in place of NC110 aluminum modular Annunciator/Control Panel. NC110A shall be UL® 1069 Listed.

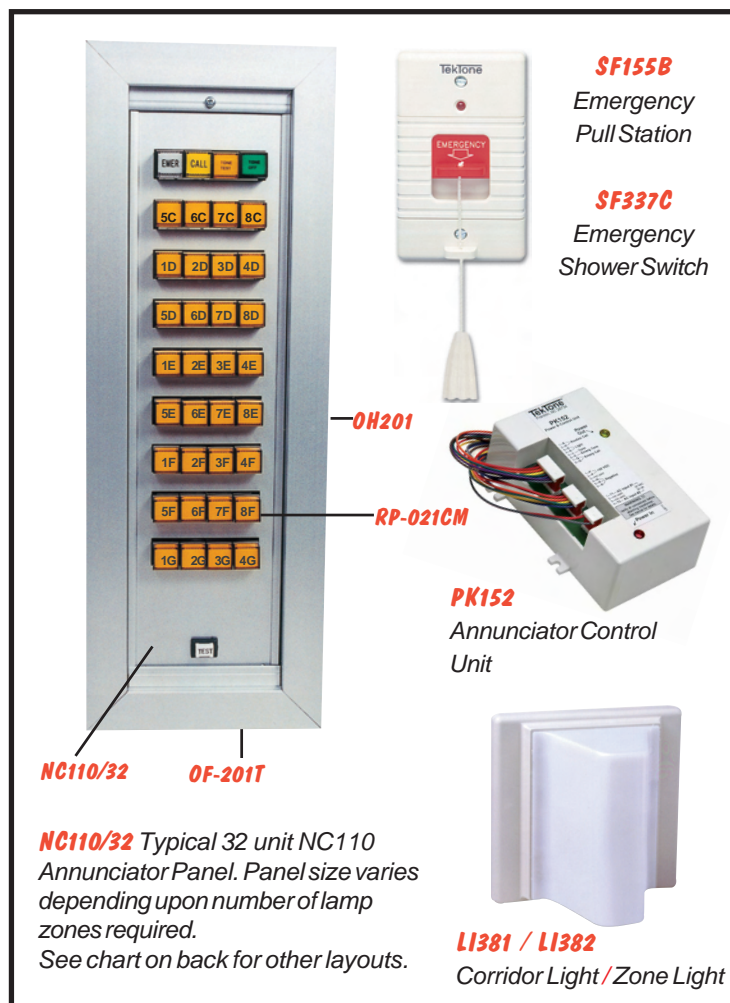
**Corridor Lights:** Corridor Lights shall be **TekTone®** LI381 (LI-381) Corridor Light and/or LI382 (LI-382) Corridor Zone Light or approved equal and shall be UL® 1069 Listed. Lamps shall include a white flame-retardant cover which shall be removable for bulb maintenance without the use of hand tools.

LI382 shall provide for two bulbs, one white bulb and one red covered bulb, to differentiate between normal and emergency calls.

LED type LI382LED (LI-382LED) Corridor Zone Lights shall provide four LEDs; two white and two red to differentiate between normal and emergency calls. LI382LED shall be UL® 1069 Listed.

**Spare Parts:** Contractor shall furnish a minimum of 10% extra replacement bulbs (LI-014 for the annunciator, and LI-028 for non-LED dome lights). One **LEE DAN®** model N-553A shall be provided with each annunciator for bulb maintenance.

One spare SF155B (and/or SF337C) pull station or other type 'SF' unit, and one spare LI381/LI382 dome light or other type 'LI' unit shall be provided for each 25 or fewer 'SF' or 'LI' type units placed in service.



**NC110/32** Typical 32 unit NC110  
Annunciator Panel. Panel size varies  
depending upon number of lamp  
zones required.  
See chart on back for other layouts.

## APPLICATION

**Tek-Care™ NC110** is the ideal Audible-Visual Nurse Call System for audible and visual indication without the use of intercom communications. The basic system consists of a master annunciator/control panel, room call stations, emergency call stations, dome lights, zone lights, control unit, and power supply equipment

Emergency signals are identified at the master station by a rapid flashing of the associated station indicator light, call light, and emergency light; in addition to a rapid pulsating tone. Routine calls are indicated by the steady illumination of the station selector light, call light, and a slow pulsating tone. The tone may be canceled for normal calls by depressing the **TONE-OFF** button. **EMERGENCY** calls take precedence over **ROUTINE** calls. Call signals can be canceled at point of origin only.

Tone-Off and Tone-Test functions are push button selected from the control panel. Indicator lights signal the presence of **EMERGENCY** or **ROUTINE** calls.

# NC110 AUDIBLE-VISUAL NURSE CALL SYSTEM

## NC110 ANNUNCIATOR INFORMATION

The NC110 series annunciator is a modular unit, constructed of extruded aluminum. NC110 has easily removable RP-021CM lamp lens coverings for quick bulb replacement, and to protect lamp identifications. Up to four (4) digits are available per lamp. Positive screw terminals are provided for easy wiring hook-up. Available from 4 to 200 zones (or more) in multiples of four (4) lamp indicators.

Each NC110/XX (XX = no. of lamp indicators) annunciator consists of the following equipment, sold separately: (all single quantities, unless indicated otherwise)

### ANNUNCIATOR

- NC110/X Speaker Panel with Tone-Off Button and Light. Models range from zero to 32 Lamps. With test button.
- AM110/X Lamp expansion module with test button. Choose AM-110/24 (24 zone) or AM-110/36 (36 zone).
- RP-021CM Custom lens markings. 1 required for each lamp indicator. Quantity must be multiple of 4.
- OF-20XT Series flush aluminum frame (see chart below). 'X' = number of modules wide.
- OH20X Series flush housing or other mounting box (see chart below). 'X' = number of modules wide.
- OH30X Series surface housing or other mounting box (see chart below). 'X' = number of modules wide.
- PK152 System power and control unit. UL® 1069 listed.
- PS-30A UL listed pigtail transformer, 16VAC/30VA. 1 required per system.

### ACCESSORIES

- LI-014 Replacement annunciator bulbs, 24 Volt, 40 MA. Fits NC-110 + AM-100 lamp modules.
- LI-028 Replacement bulbs for LI-381 dome lamps, 24 Volt.
- N-553A Lamp extraction tool. Used to replace annunciator (LI-014) bulbs.
- SC-1 Scrulox screwdriver. Used to access special tamper-resistant screws provided with annunciator.



### TEKTONE NC110 ANNUNCIATOR DIMENSIONS

Number of Lamps	Main Control Module	Frame Model Number	Frame Width (in inches) All 17.75" High	Flush Mounting Box	Wall Opening Width (All 4" Deep) All 16.25" High	Surface Mounting Box	Extra Zone Module(s)
4	NC110/4	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
8	NC110/8	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
12	NC110/12	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
16	NC110/16	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
20	NC110/20	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
24	NC110/24	OF-201T	6 1/4"	OH-201	4 1/4"	OH-302	none
28	NC110/28	OF-201T	6 1/4"	OH-201	4 1/4"	OH-302	none
32	NC110/32	OF-201T	6 1/4"	OH-201	4 1/4"	OH-302	none
36	NC110N	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM110/36
40	NC110/4	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM110/36
44	NC110/8	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM110/36
48	NC110/12	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM110/36
52	NC110/16	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM110/36
56 or more	<b>All sizes available - Contact LEE DAN for dimensions over 56 Lamps</b>						

### OTHER POPULAR MODELS



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