

Nurse-Call Annunciator/Control Panel



ARCHITECTS & ENGINEERS SPECIFICATIONS

The annunciator/control panel shall be TekTone®'s NC-110A or approved equal, with button-controlled circuits for tone on/off (**ROUTINE** calls only), tone test and tone volume control, plus indicator LEDs for **EMERGENCY** and **ROUTINE** calls. Fifty indicator LEDs shall be provided for room annunciation, with removable labels to allow for custom point markings. An audible signal shall be provided via an electronic oscillator driving an enclosed 45-ohm speaker. An N/O isolated relay contact shall be available for ancillary off-board call handling.

The unit shall use convenient plug-in connectors to allow for ease of wiring rough-in and shall connect via two supplied 6-foot cables. The housing shall be high-impact, flame-retardant (UL® 94V-0) plastic with a membrane-type switch for control buttons and LEDs, and shall be desk mounted.

The NC-110A shall be UL® 1069 Listed.

FEATURES

TekTone®'s NC-110A Audible-Visual Nurse Call Annunciator/Control Panel provides for audible and visual call indication without the use of voice intercom. A basic nurse call system may consist of an NC110A 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 annunciator/control panel by a rapid flashing of the associated station indicator LED, call LED and emergency LED; in addition to a rapid pulsating tone. Routine calls are indicated by the steady illumination of the station selector LED, call LED, and a slow pulsating tone. The tone may be canceled for normal calls by depressing the **TONE ON/OFF** button.

EMERGENCY calls take precedence over **ROUTINE** calls.

Call signals can be canceled at point of origin only. Tone on/off and tone test functions are button selectable from the control panel, and three levels of tone volume are button selectable with LED indication. Indicator LEDs signal the presence of **EMERGENCY** or **ROUTINE** calls. The NC-110A has a capacity of 50 selector points. All selector LEDs, indicator LEDs and control buttons are included on a membrane-type switch mounted on a telephone-sized plastic housing. An N/O open isolated relay contact output for ancillary off-board call handling is also included.

- UL® 1069 Listed
- Electronic tone circuit with volume control
- Tone on/off and tone test functions
- **EMERGENCY** and **ROUTINE** call signaling
- 50-point capacity with labels for custom marking
- Spill-resistant membrane switch

SPECIFICATIONS

Dimensions:	8.5" × 8.5" × 3" (216 mm × 216 mm × 76 mm)
Power Requirement:	24 VDC, 650 mA
Connections:	Keyed plug-in
Construction:	Flame-retardant (UL® 94V-0) plastic with membrane switch
Mounting:	Desk Mount only. For mounting options use modular style NC-110 (on back)

REQUIRED COMPONENTS

SF series	Call Stations
IH-151N	Junction Box Unit for PK-151A & PS-30A
PK-151A	Annunciator Control Unit
PS-30A	UL Listed Pigtail Transformer, 16VAC/30VA

TEK-CARE™ NC-110 UL EMERGENCY CALL SYSTEM

NC-110 ANNUNCIATOR INFORMATION

The NC-110 series annunciator is a modular unit, constructed of extruded aluminum. Modular style NC-110 has easily removable 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 400 zones (or more) in multiples of four (4) lamp indicators, or in a convenient 50 zone (NC-110A) desk master.

50 ZONE ANNUNCIATOR DESK MASTER

NC-110A 50 lamp master panel with membrane switches. Not used with any other 'NC' models shown below.

MODULAR ANNUNCIATORS (USE CHART BELOW)

PK-151A Annunciator control unit (powered by PS-30A transformer, use PS-250 transformer for more than 4 simultaneous lamp indicators at one time). 1 required for each NC-110 master.

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-110 lamp modules (except NC-110A).

LI-028 Replacement bulbs for LI-381 dome lamps, 24 Volt.

N-553A Lamp extraction tool. Used to replace annunciator (LI-014) bulbs.

RP-021CM Custom lens markings for modular NC-110 lamps (not for NC-110A).

SC-1 Scrulox screwdriver. Used to access special tamper-resistant screws provided with annunciator.



SC-1



N-553A
Lamp Extractor

NC-110 MODULAR STYLE 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	NC-110/4	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
8	NC-110/8	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
12	NC-110/12	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
16	NC-110/16	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
20	NC-110/20	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
24	NC-110/24	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
28	NC-110/28	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
32	NC-110/32	OF-201T	6 1/4"	OH-201	4 1/4"	OH-301	none
36	NC-110N	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-110/36
40	NC-110/4	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-110/36
44	NC-110/8	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-110/36
48	NC-110/12	OF-202T	10 1/4"	OH-202	8 1/4"	OH-302	AM-110/36
52 or more	Contact LEE DAN for modular dimensions over 48 Lamps						

SF-155B
Emergency Pull Station



SF-100C
Single Bed Station
1/4" Jack



SF-101C
Room Station Push Button



SF-102
Dual Call Bed Station
1/4" Jacks



SF-156B
Code Switch 1-Gang



LI-381
Corridor Dome Light



Toll-Free 800-231-1414

631-231-1414

Fax: 631-231-1498

www.LEEDAN.com

155 Adams Avenue
Hauppauge, NY 11788-3699

Distributed by: _____

Made in U.S.A.