



Product Specification Sheet



APS654
Rev. 2 - 02/2011



**NC110A 50 L.E.D.
Nurse-Call Master Station**



ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The annunciator/control panel(s) shall be Alpha Communications®/TekTone® NC110A 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 (50) 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 (2) supplied 6-foot cables. The housing shall be high-impact, flame-retardant (UL® 94V-0) Black plastic with a membrane-type switch for control buttons and LEDs, and shall be desk mounted.

The NC110A shall be UL® 1069 Listed.

Contractor shall observe all local and national electrical and building codes.

NC110A Series Audible-Visual 50 LED Nurse-Call Master

The Alpha Communications®/TekTone® NC110A Audible-Visual Nurse Call Annunciator/Control Master provides for audible and visual call indication without the use of intercom communications. A basic nurse-call system may consist of an NC110A annunciator/control master, 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 (3) levels of tone volume are button selectable with LED indication. Indicator LEDs signal the presence of **EMERGENCY** or **ROUTINE** calls. The NC110A has a maximum capacity of 50 selector points. Multiple NC110A masters may be used together for larger system capacities. 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.

FEATURES

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

SPECIFICATIONS

Dimensions:	8.50" w × 8.50" h × 3.00" d (216 mm × 216 mm × 76 mm)
Power Requirement:	24 VDC, 650 mA
Connections:	Keyed plug-in
Construction:	Flame-retardant (UL® 94V0) Black plastic with membrane switch

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

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