NC-AN-32C-T
Nurse Call Annunciator
with Code Blue signaling
32 Point Tone/Visual

The Tech Works **NC-AN-32C-T** is a 32-Light Intelligent Annunciator panel. Made of white ABS plastic with a removable faceplate, each unit can be custom labeled to identify staff or locations. An integral tone sounds to draw attention to any change of status. A big window allows for large labels of call points. Labels are back lit so the call point lights up when a station is active.

This is a digital communication device using Intelligent Control Modules for call point monitoring. Each **NC-AN-32C-T** corresponds to two **NC-CM-16** Control Modules addressed in sequence by simply setting the annunciator to the lower matching address of the first control module. Annunciators monitoring a group of up to 32 Rooms can display these call points in multiple locations – simply place **NC-AN-32C-T** annunciators where needed and set the address to match the Control Modules monitoring those rooms. The control modules addresses must be sequential to appear on a single **NC-AN-32C-T**.

When a Normal Call comes in from a station the Light will turn on Steady and a single Tone sounds. If an Emergency Call is received from a station the Light will flash and have an associated repeating Tone. Code calls are displayed at a Super-Fast flash rate and a Super-Fast Tone that is twice the speed of an Emergency call. If Supervision is activated on the NC-CM-16 Control Module and communication with a Station is interrupted or lost, both lights for that station will slow flash to alert staff to the loss of reporting and a reminder tone will sound every 15-20 seconds until the problem is corrected. The tone can be turned off for each row or lights.

Mechanical mounting is to an industry standard 4 gang electrical box. No special hardware or custom mounting box is required.

BENEFITS
- Reliable Signaling
- No Maintenance
- Low Power
- Simple Wiring
- Easily Integrates to other Systems
- Attractive Station Hardware

Associated Equipment
NC-CM-16 NC-Series Control Module

Design Information
Power	24V DC
Color	White
Mounting	2 or 4 Gang Back Box
Dimensions	8.25" W x 0.75" D x 4.5" H
Weight	1.0 lb.

Architects' and Engineers' Specifications
The Nurse Call System Annunciator shall be a standard four gang electrical box mounting device constructed of ABS plastic with a water resistant Lexan face plate. A minimum of eight columns of four lights shall be provided to allow output from the system. An electronic tone shall sound each time a light changes status. The tone must have an installer removable jumper to permanently disable the electronic tone if so desired. The Annunciator shall be an addressable intelligent electronic device requiring no more than 264 mA at 24 Volts DC for full operation. The Annunciator shall employ EIA standard RS485 digital communication. The system shall operate on two twisted pair parallel wiring. Systems requiring more than two twisted pairs from one station to the next for full operation shall not be considered under this specification.

The Nurse Call Annunciator panel shall be Tech Works Model NC-AN-32C-T

Tech Works ®
"Making Specialized Communication Easy"

Quick Start Installation Instructions

W H I T E **B L A C K** **R E D** **B L A C K**

T R + -

Wiring is four screw terminals to interface to the Tech Works Network. The Network is 2 twisted pair wires. One Pair of wires is Network Communication data and the other pair is power.

Tech Works NC NURSE CALL SYSTEM WIRING

COMMON POWER BUSS
16 PATIENT
ROOMS TYPICAL

NC-DL-12
DOME LIGHT
RED

NC-EPS
EMERGENCY
PULL CORD
STATION

NC-PBS
PATIENT
BED STATION
W/CALL CORD

ROOM STATION
SIGNAL WIRE
TYPICAL OF 16

24 VDC
COMMON
FLASH

NC-CM-16
16 STATION
CONTROL MODULE

NC-DL-12-RSCT
DOME LIGHT
USED AS A ZONE LIGHT

NC-SDS
STAFF DUTY STATION

NC-CM-16
16 STATION
CONTROL MODULE

RS485 DATA

24 VDC

RS485 DATA

24 VDC

POWER
SUPPLY

NC-AN-16-T
ANNUNCIATOR PANEL
DISPLAYS ONE CONTROL MODULE

NET WORK WIRING
UP TO 16 CONTROL MODULES WITH
16 ROOMS EACH ON A SINGLE
SYSTEM FOR A TOTAL OF 256 ROOMS

NC-AN-32-T
ANNUNCIATOR PANEL
DISPLAYS TWO CONTROL MODULE

TO A VARIETY OF
OTHER DATA
COMMUNICATION
DEVICES