



NC401VFD Master Station with Vacuum Fluorescent Display IL771 Specification Sheet

Tek-CARE®400 and Tek-CARE®400 P5 Nurse Call Systems • Rev. 2 - 11/2012

Features

- UL® 1069 Listed and cUL® Listed
- Supervised
- 4×40 Vacuum Fluorescent display
- Full-duplex audio
- Membrane keypad is water-resistant
- Simultaneous display of 4 calls
- Master-to-master intercom
- Up to 256 unique call types
- Automatic answer of highest priority call
- Selective answer of any call
- Four levels of staff service
- Attend feature to find staff
- Preprogrammed RF paging messages
- Set/review patient privacy
- View staff locations by staff level
- Room monitoring
- No computer required
- Overhead paging interface

Description

The NC401VFD Master Station is a primary component of the Tek-CARE®400 Nurse Call System. The NC401VFD is the user interface for responding to calls, issuing staff requests, sending custom pages, viewing staff locations, and altering room programming to accommodate differing patient needs.

The master station is completely self-contained, including a 4×40 Vacuum Fluorescent Display, 20 programmable function buttons, alphanumeric and navigational keys, and a pull-out drawer with quick reference user instructions. The NC401VFD displays up to 4 incoming calls simultaneously and allows staff to select or scroll to any active call using navigational keys on the keypad. Each call displays a unique timer that increments until that call is reset. Staff locations and system faults are displayed on separate dedicated screen views with pending status indications visible on the main call screen.

The master station's programming information and power are provided by the NC450 Central Equipment. Therefore,



NC401VFD Master Station

any NC401VFD master station on the system can be replaced with another NC401VFD without any reprogramming.

The NC401VFD master station supports full-duplex audio to the patient stations, and allows staff to adjust incoming and outgoing volume for each station. Tone volume can be adjusted to increase the volume during the day and reduce the volume at night. Routine-level calls may be silenced using a programmable button assigned to the tone-off function to further reduce noise at the nurses' station.

Each of the membrane keypad's 20 programmable buttons can be assigned to a patient station, a zone, a master, the system, or to one of these functions:

Function	Description
L1	Level 1 service request to selected station
L2	Level 2 service request to selected station
L3	Level 3 service request to selected station
STAT	Upgrade/place Staff Emergency call to selected station
TO NE SILENCE	Disable audible call annunciation
MONITOR	Monitor audio in selected zones
ATTEND	Display staff at selected station
FOLLOW	Send incoming calls to selected station
HOLD	Returns current call to the call list

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TekTone®'s quality system is registered by UL® to the ISO 9001 standard. (Reference #10001510.)

The membrane keypad also provides these standard keys:

Button	Function
ALPHA	Toggle from alpha to numeric key functions
Alpha/Numeric	A-Z, SPACE, 1-9
Arrow keys	up, down, right, left for menu navigation
#	Selects bed when dialing a station
ENTER	Selects dialed item; cycles between beds on a single station
MENU	Cycles between Call Screen, Fault Screen, Staff Screen and User Screen
RESET	Resets an audio connection or clears a selection
TALK	Establishes an audio connection

Listings



UL[®] 1069 listed and cUL[®] listed to CSA C22.2 No. 205; UL[®] File Number E71599.

Specifications

Dimensions:	13.2"×9"×3.5" (335mm×229mm× 89mm)
Capacity:	Address 640 stations in up to 256 zones
Environments:	26°C, relative humidity should not exceed 80%
Terminations:	Plug-in connector to CE
System Protection:	CE power limited by self-resetting current limiting device. ESD protected to 8kV.

Required Components

Tek-CARE[®]400 or Tek-CARE[®]400 P5 nurse call system