



NC450 Central Equipment Specification Sheet

IL772
Section C
Rev. 0 - 09/2007



NC450 Central Equipment

ARCHITECTS' AND ENGINEERS' SPECIFICATION

Central Equipment shall be TekTone®'s NC450 or approved equal. The central equipment shall consist of a PM450 Backplane Assembly, PM457 Power Entry Module, and PM466 AC Power Buss Module installed in an IH450 Housing no larger than 25"×20"×9". All add-on hubs, modules and power supplies shall use keyed plug-in connections for easy insertion/removal and to prevent connection errors.

The PM450 Backplane Assembly shall include mounting brackets and connections for one PM451 Hub Control Module, one PM452 CE Communications Module, seven PK450 Power Supplies, seven BA450K Battery Backup Kits, and for any combination of up to five PM453 Master & Station Modules or PM454 Pager & Printer Modules.

The NC450 shall be UL® 1069 Listed and cUL® Listed.

FEATURES

The NC450 Central Equipment consists of a PM450 Backplane Assembly installed in an IH450 Housing, equipped with a PM457 Power Entry Module and PM466 AC Power Buss Module. The NC450 also includes the LS450 Config Tool Programming Software.

All add-on hubs, modules and power supplies use keyed plug-in connections for easy insertion/removal and to prevent connection errors. Each power supply is UL® and cUL® 2601 approved, and supplies 28VDC and 100 watts of power.

The NC450 includes mounting brackets and dedicated connections for:

- one PM451 Hub Control Module,
- one PM452 CE Communications Module,
- seven PK450 Power Supplies, and
- seven BA450K Battery Backup Kits;

plus mounting brackets and connections for any combination of up to five:

- PM453 Master & Station Modules, or
- PM454 Pager & Printer Modules.

All connections are polarized and all assemblies are keyed to prevent incorrect insertion of connections and modules. The housing is an attractive and functional metal enclosure, with adequate entry and exit ports for all cables required to serve a fully loaded, networked system.

SPECIFICATIONS

Dimensions:	Height:	24.25" (616 mm)
	Width:	19.5" (495 mm)
	Depth:	8" (203 mm)
Input Power:	120VAC, 20A dedicated circuit	
Temperature:	0°–70°C.	
Humidity:	5–95% (non-condensing)	

REQUIRED COMPONENTS

Tek-CARE®400 Nurse Call System

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TekTone®'s quality system is registered by UL® to the ISO 9001:2000 standard. (File #A10766.)