



PM451 Hub Control Module Specification Sheet

IL845
Section C
Rev. 0 - 09/2007



**PM451 Hub Control
Module**

FEATURES

The PM451 Hub Control Module is a 10/100BaseT switching hub with 3 status LEDs for each of its 8 ports. The PM451 provides intercommunication between various central equipment (CE) modules, and is required for any system that has more than one PM453 Master & Station Module. One of the hub's ports is isolated with a standard RJ45 ethernet connection for ancillary devices such as the Tek-BRIDGE PC running LS486 Tek-MMARS[®]400 Management Monitoring and Reporting System software, or a laptop computer running LS450 Network Software & Diagnostics. All ports are isolated to help shield the CE from externally induced damage and to help prevent external voltage differentials from affecting the nurse call system.

The PM451 is intended for use only in conjunction with the Tek-CARE[®]400 series equipment and must be inserted into a dedicated slot on the CE. It requires one PK450 Power Supply and can utilize an optional BA450K Battery Backup Kit for reliable operation during power failure.

ARCHITECTS' AND ENGINEERS' SPECIFICATION

Hub Control Modules shall be TekTone[®]'s PM451 or approved equal. The hub shall provide intercommunication between various central equipment modules. The PM451 shall be a 10/100BaseT switched hub with 8 ports, and shall include easily visible long-life LED indicators of differing colors to relay the ports' status at a glance. One port shall be isolated with a standard RJ45 ethernet connection for ancillary devices such as the NC470 Tek-BRIDGE PC running LS486 Tek-MMARS[®]400 Management Monitoring and Reporting System software, or a laptop computer running LS450 Network Software & Diagnostics. All ports shall be isolated.

The PM451 shall not be required for a system with a single PM453 Master & Station Module.

The PM451 shall be UL[®] 1069 Listed and cUL[®] Listed.

SPECIFICATIONS

Dimensions: Height: 10.6" (269 mm)
 Width: 1.9" (48 mm)
 Depth: 4.082" (104 mm)
Temperature: 0°-70°C.
Humidity: 5-95% (non-condensing)

REQUIRED COMPONENTS

Tek-CARE[®]400 Nurse Call System
NC450 Central Equipment

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