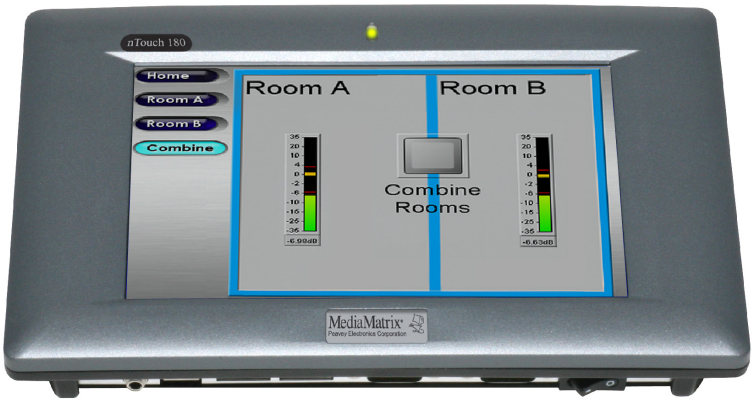
nTouch 180

MediaMatrix®
Peavey Electronics Corporation

Touch Screen Panel **Data Sheet**



DESCRIPTION

MediaMatrix nTouch 180 is a touch screen control panel for controlling MediaMatrix systems. nTouch 180 runs NWare Kiosk software that allows the user to control a project designed in NWare. It works in conjunction with a NION or an nControl, which hosts the project and media files.

The convenience of the touch screen allows users to interact with projects without the need for a mouse or keyboard. The screen features a resistive touch surface that measures 180 mm (7") diagonally.

The nTouch 180 case provides several mounting options, including surface, panel, flush and general VESA mounting.

FEATURES

- Touch screen user interface
- Finger or stylus can be used to interact with applications
- Runs Kiosk for control of projects created in NWare
- Mounts via standard VESA 75 mount
- Easy connection and installation
- Software upgradable via USB stick
- Low power requirements.

Specifications

Front of Unit

LED: Indicates power
Screen: 180mm (7") analog resistive touch screen.
Resolution: 800x480 (VGA).
LCD color: Native 262K colors.
Contrast ratio: 400:1.
Can be operated with finger or stylus.

Side of Unit

Power connector: Connector port for AC power adapter. Unit uses 12V @ 3.0A. Consumption 23W.
Ethernet ports: Two standard Ethernet ports. One port is used.
USB ports: Standard ports for inserting software update USB sticks.
Reset button: Power cycles the unit.

Rear of Unit

VESA bracket mounting holes: Four mounting holes for connecting to a wall mounting bracket.

CPU Specification

Processor: Intel Atom N270.

Mechanical Specifications

Chassis Style: Plastic panel PC.
Dimensions: 225mm (8.9in.) W x 40mm (1.6 in.) D x 140mm (5.5 in.) H

Environment

Operating temperature: -10° to +60°C.
Operating humidity: -20% - 90% RH.
Storage temperature: -20°C - +70°C.
Storage humidity: 20% - 90% RH.

Architect's & Engineer's Specifications

Touch Screen Panel

The Touch Screen Panel shall be a 180mm (7") resistive touch screen designed for fixed installation in engineered audio and communications systems. The unit shall include an architecture based on an Intel Atom processor. The unit shall run the NWare:Kiosk software to allow users to connect to projects hosted by NIONs and nControls. The unit shall be completely configurable via a Windows-based user interface provided by the unit. Support shall be provided for standard Ethernet management via an integrated, rear panel LAN port. The Touch Screen Panel shall include an embedded Windows operating system. The operating system shall reside on non-mechanical IDE storage media. The storage system shall include support for reading/writing data from the operating system and configuration software. The Touch Screen Panel shall include USB ports to allow software to be copied over to the unit and installed. The Touch Screen Panel shall allow for several mounting configurations via standard VESA mounting holes on the rear of the chassis. All data transports, including Ethernet, shall be available simultaneously. There shall be an LED to indicate that the unit is receiving power. The Touch Screen Panel shall be the nTouch 180 or approved equal.

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