

TP5

Touch Screen Control Panel

5" Touch Screen • TCP/IP • PoE / 12 V DC

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Classrooms



5"
Touch Screen



5" Capacitive
Touch Screen



Scene / Volume
/ Playback



TCP/IP
over RJ45



PoE or
12 V DC



Cortex-M3
+ FPGA



All-Metal
Housing

Description

The TP5 control panel combines a 5" capacitive touch screen with an all-metal housing. It connects to the audio processor over a local network and can be flush-mounted in the wall or used on a desk. It offers scene control, volume control, playback control and extensive customisation, and runs on PoE or 12 V DC power.

Key Features

- ✓ 5" capacitive touch screen in an all-metal housing.
- ✓ Controls the audio processor over a local network (TCP/IP), with no distance limit.
- ✓ No PC set-up needed for the panel.
- ✓ Scene switching, volume control and playback control, with extensive customisation.
- ✓ PoE or 12 V DC power, with hot backup between the two.
- ✓ Cortex-M3 core with high-speed FPGA.
- ✓ Wall-mounted (flush) or desktop installation.

Specifications

Model	TP5
Touch Screen Size	5"
Display Type	TFT LCD
Resolution	800 × 480 px
Colors	64K colors, 16-bit RGB
Touch	Capacitive
Active Display Area	108 × 65 mm
Brightness	300 cd/m ²
Backlight	LED, > 30,000 hours (average)
Full-Screen Refresh	19 ms
Communication	RJ45, TCP/IP
Power Supply	PoE or 12 V DC (input 5 – 15 V)
Current (Backlight On / Off)	170 mA / 71 mA @ 5 V
Dimensions (L × W × H)	146 × 86 × 27 mm
Net Weight	130 g

Tender Specification

The control panel shall have a 5" capacitive TFT touch screen (800 × 480 px, 300 cd/m², LED backlight) in an all-metal housing, for flush wall or desktop mounting. It shall control the audio processor over a local network using TCP/IP via RJ45, providing scene switching, volume control and playback control. It shall be powered by PoE or 12 V DC with hot backup, measure 146 × 86 × 27 mm and weigh 130 g.