



TouchLinX TLA250

IP-Based Touchpad

The TouchLinX TLA250 is the ideal keyboard for zones requiring exceptional audio quality, but do not need a full color touchscreen. The text based OLED screen provides metadata, control of the zone, and IP intercom for the zone, but at a reduced cost.

- Decentralized Architecture
- Audio Decoder and Encoder
- Digital Signal Processor
- Intuitive Faceplate
- Customizable skins
- Built-in Microphone
- Wall Mountable



Customizable Skins
(examples shown above)



TLA250

■ Decentralized Architecture

Each TouchLinX TLA250 contains the hardware and software required to take TCP/IP audio packets, convert them back to audio and amplify the signal for each zone. By decentralizing the amplifier, the SpeakerLinX can be placed closer to the speaker minimizing signal loss normally caused by long cable runs between the amplifier and speakers. This creates better sound from smaller amplifiers. Decentralization also allows the SpeakerLinX to function as a room controller (allowing audio ports and the Professional Series Amplifier) to be used by the TLA250. Centralizing the amplifier, room controller and connecting local devices to the SpeakerLinX minimizes the amount of cabling required to accomplish multiple services. For larger zones multiple SpeakerLinX can be linked in software to function as a single zone.

■ Audio Decoder and Encoder

Each TLA250 includes an audio decoder and encoder; the decoder is capable of rendering a TCP/IP stream of linear PCM audio, decoding a WAV file (uncompressed audio), and decoding an MP3 file in real-time. These decoded files are then amplified. Audio sources connected to the TLA250 through an Audio Port (sold separately) can be encoded for distribution across the DigiLinX network.

■ Digital Signal Processor and Amplifier

Using an Apogee Technology Class-D amplifier and a Texas Instruments digital signal processor and a BURR-BROWN DAC's a SpeakerLinX can provide superior clarity and control of the audio signal. Each SpeakerLinX is capable of supporting 2 Channels at 50 watts per channel at 4 ohms. Also built into the TLA250 is a 4-band graphic equalizer and graphic EQ Presets allowing tonal control for each zone.

■ Intuitive faceplate

Built into the TLA250 is an OLED display capable of displaying white text on a black background. This allows text based metadata and more intuitive control screens to be accessed by the user. The TLA250 uses a magnetically attached Micro-etched, anti-glare, laminated safety glass faceplate. The glass faceplate covers the entire outside surface of the TLA250 including the display. Capacitive touch buttons under the glass allow the user to control the TLA250.

The Ultimate IP A/V Experience

TouchLinX TLA250

Features

■ Customizable Skins

Included with the TLA250 are paper inserts that indicate where the capacitive touch buttons are located and come in white, black, almond, light almond, and ivory. Additional colored backgrounds can be customized by purchasing one of the DigiLinX Décor services, ColorMatch™ or ImageMatch™. For customization a physical color or image sample is required.

■ Built-in Microphone

Like all TouchLinX the TLA250 includes built in microphone allowing that zone to be part of the DigiLinX IP Intercom system. This allows the zone to be monitored, paged, and to establish an intercom session with another zone.

■ Wall Mountable

The TLA250 is designed to mount into a 2-gang backless box. The glass faceplate is magnetically attached to the frame. This spacing allow for enhanced thermal ventilation for the built in amplifier.

■ StreamNet™ Connected

NetStreams Patent-pending StreamNet Technology provides the backbone for DigiLinX. StreamNet technology ensures that audio between all zones are within 500 microseconds of each other, StreamNet Connected devices work seamlessly together, and can be updated in the future as new features become available.

Specifications

Glass Faceplate Dimensions:127mm x 127mm
(5" x 5")

Outer Dimensions:116mm x 116mm
(4.57" x 4.57")

In wall Dimensions:72mm x 44.2mm
(2.83" x 1.74")

OLED Display: 79mm x 20 mm
256X64 pixels
2000:1 Contrast Ratio
160 Degree Viewing Angle

8 Ohms Stereo Power:40 watts / channel

4 Ohms Stereo Power:50 watts / channel

Frequency Response:20-20kHz +/- 1 dB

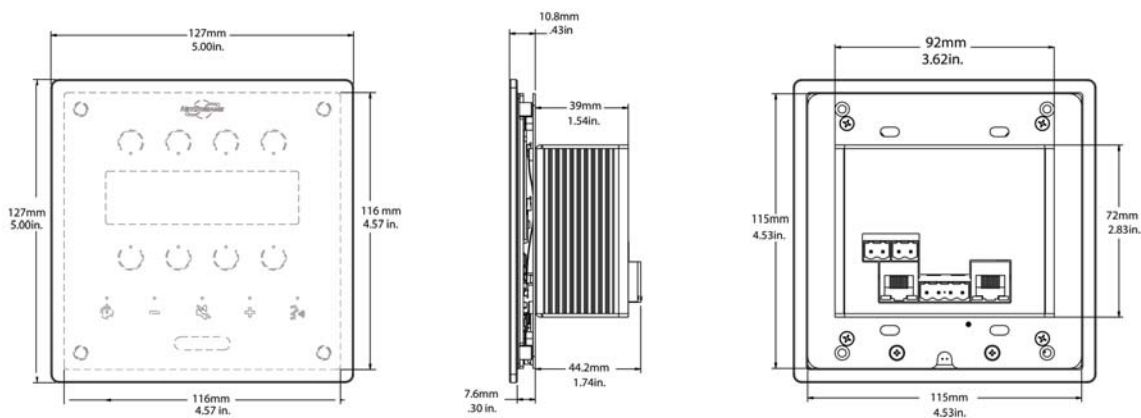
THD + N:0.1% @ 5W

Network Connector:RJ45 (EIA 568a)

Audio Port Connector:RJ45 (EIA 568a)

Speaker Connectors:two 2-pin 5.0mm
Phoenix style Connector
(speakers)

NetPower™24



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Excellence in Design

NetStreams is focused on providing high quality networked digital A/V systems. By leveraging its patent pending technologies and applications, NetStreams is creating the future of IP A/V - today.

Support - NetStreams offers world-class support for all products.

Email-support@netstreams.com or toll free - 866.353.3496

