

MODEL: HT-Pro-Z10A

Digital Conference Under-Table Cascade Device

High-fidelity bridging and distribution node with dual digital microphone cascade connectors.



TECHNICAL SPECIFICATIONS

Audio Signal Processing	High-fidelity bridging and distribution node with full-spectrum frequency response from 20 Hz to 20 kHz
Signal-to-Noise Ratio (SNR)	80 dB or better for robust signal integrity
Total Harmonic Distortion (THD)	Ultra-low distortion of less than 0.05%
Crosstalk Rejection	Channel crosstalk rejection rating exceeding 80 dB
Localized Output Staging	Supports headphone output impedance of 16 ohms and speaker output impedance of 8 ohms
LED Indicator Power	Dedicated 5V (max 40 mA) power output for LED indicator rings
Network & Distribution I/O	Two (2) RJ45 ports for network distribution
Microphone Connectors	Two (2) boundary condenser microphone Phoenix connectors with two (2) dedicated switches for MIC/48V phantom power selection
Gain Control	Two (2) localized gain adjustment knobs
Group & Routing Connectors	Two (2) group Phoenix connectors (inclusive of ground mic button for ON/OFF control) and two (2) 5-pin Phoenix connectors for speaker and headphone routing
Power Architecture	Centralized 48V DC voltage supply with high energy efficiency and a static power consumption footprint of strictly 1 Watt

KEY ADVANTAGES & FEATURES

Complex Topology Bridging

Versatile hardware interfaces support intricate daisy-chained conference topologies, allowing flexible expansion and reliable signal distribution across large boardrooms.

Pristine Acoustic Reproduction

Delivers a flat 20 Hz – 20 kHz frequency response with an 80 dB SNR and <0.05% THD, ensuring broadcast-quality audio clarity throughout the meeting space.

Ultra-Low Power Efficiency

Operates on a centralized 48V DC power supply while maintaining an exceptionally lean static power consumption footprint of strictly 1 Watt.