HALL
TECHNOLOGIES

HT-OSIRIS-DSP1
Audio DSP and Automated Control

HT-OSIRIS-DSP1

PRODUCT OVERVIEW

The HT-OSIRIS-DSP1 Microphone Controller is a central audio processing device for extended sound pickup systems in classrooms, conference rooms, etc. It can be connected to ComAlert™ Ceiling Microphones and ComAlert™ Wireless Microphones and can also be connected to external systems via physical interfaces. It has a Web interface for controlling the unit and easy setup. It can send Alert Messages to Safety and Emergency Systems. It provides Mixing and DSP control of all connected Microphones.

FEATURES

- Sophisticated DSP controls that are easy to use
- AEC
- Background Noise Reduction
- Automatic gain control that ensures all participants feel like they are in the same room.
- Support a variety of application scenarios and easily integrates with host devices or systems
- User-friendly WEB UI for configuration and control.

Audio	
Input	• 1 x RJ45 (Ceiling Mic) • 1 x USB Type B (HOST) or 1 x 3.5mm TRS (AEC REF) • 1 x 3.5mm TRS (WL IN) or 1 x USB Type-C (WIRELESS RECEIVER)
Output	• 1 x USB Type-B (HOST) or 1 3.5mm TRS (AEC OUT) • 1 x 3.5mm TRS (LINE OUT)

Communication and Control	
Control Method	1 x RJ-45 (LAN) – Web UI
S.O.S.	• 1 x RJ-45 (LAN) – Ethernet: TCP or Telnet • 1 x 3-Pin Phoenix – RS-232 • 1 x 2-Pin Phoenix – Contact Closure / Voltage Out • 1 x 2-Pin Phoenix – Contact Closure / Voltage In

General	
Operating Temperature	0°C ~ 40°C (32°F to 104°F), 10% to 90%, non-condensing
Storage Temperature	-20°C ~ 60°C (-4°F to 140°F), 10% to 90%, non-condensing
Power Supply	DC 12V 2A
Power Consumption (Max)	10.1W (Max)
Dimension (Width x Heigh x Depth)	8.46” x 0.98” x 4.73” (215mm x 25mm x 120.2mm)
Net Weight	1.52 lbs. (0.69 kgs)

Scan for more information, including product manual, specifications, and downloads

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