

# ControlSpace EX-UH

## USB/headset Dante™ endpoint

### Product Overview

Optimized for use with the ControlSpace EX-1280C conferencing processor, the EX-UH Dante™ endpoint is a convenient, one-wire, cost-effective solution for connecting BYOD devices or telephone handsets outside the rack. Whether used under a conference table to connect a laptop running a soft-codec such as Skype for Business™, or to connect a customer's handset for bridging calls, or both, the EX-UH's high-quality USB and headset-to-Dante 48 kHz audio conversion simplifies wiring and adds extra codecs to a conferencing system. Auto-discovery, drag-and-drop programming, and auto-routing in ControlSpace Designer software make adding the EX-UH to a project uncomplicated.



### Key Features

- One-cable-to-the table connectivity** supports PoE+ and Dante audio networking to maximize ease of integration
- USB 2.0 connector** supports PC connections to soft codecs such as Skype for Business™
- Headset connector** for direct connection to office and mobile phones through RJ-9 and 3.5 mm TRRS ports
- Dual network and power connectors** allow daisy-chaining of multiple ControlSpace EX endpoints
- Rotatable mounting tabs** allow for multiple installation options
- Low-profile aluminum enclosure** for unobtrusive under-table mounting
- Simplified software configuration** via ControlSpace Designer software. Supports auto-discovery, auto-routing, and logic presets for microphone LEDs and pushbuttons.
- Integrated power and signal indicators** via recessed LEDs
- Optional magnetic mounting plate** simplifies single-handed installation
- Accessory 60 W power supply available** for increased endpoint connectivity

### Applications

Designed for a wide range of applications, including:

- Boardrooms
- Medium/large conference rooms
- Courtrooms
- Distance learning
- Auditoriums
- Multipurpose spaces

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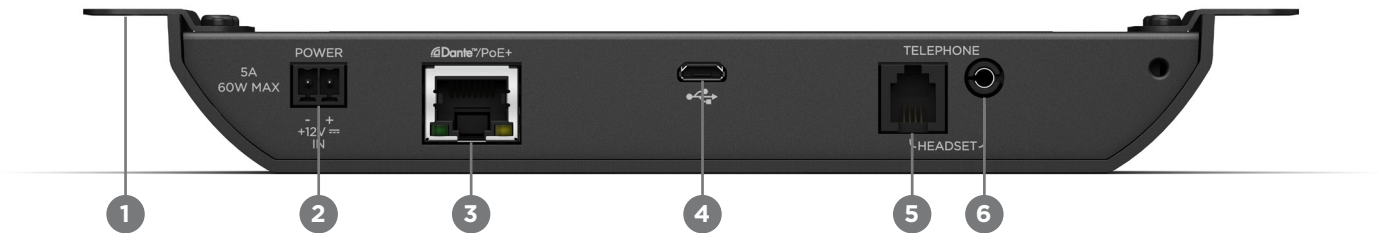
### Technical Specifications

COMMUNICATION PORTS	
USB audio	USB v2.0, Micro-B type, audio class-compliant (no drivers required), 2-channel input/2-channel output
Headset audio	RJ-9 (1 in x 1 out) and 3.5 mm TRRS (1 in, 2 out)
PC/mobile phone audio	3.5 mm TRRS AHJ (L/R/GND/Mic)
AUDIO SPECIFICATIONS	
Frequency response, USB audio	20 Hz – 20 kHz, ±1 dB, 0.02% THD+N
Frequency response, TRRS audio	20 Hz – 20 kHz, ±1 dB, 1.0% THD+N
Frequency response, RJ-9 audio	200 Hz – 10 kHz, ±1 dB, 0.05% THD+N
NETWORK	
Connectors	Two (2) RJ-45, one front (supports PoE+), one rear
Audio over IP	Dante™ Ultimo X4
POWER	
PoE class	Class 0 802.3at PoE+, PD compliant
Connectors	(2) 3.81 mm Euroblock connector, 2-pin
External power supply	+12 VDC, daisy-chainable
Power consumption	5 W
Maximum PoE+ power	24 W (internal +12 VDC output)
SOFTWARE APPLICATIONS	
Configuration	ControlSpace Designer software v5.0 or later
GENERAL	
LED status indicators	Power LED, two (2) tri-color signal status for USB and headset
Digital conversion	48 kHz / 24-bit
Certifications	FCC Part 15 Class A; UL 60950-1, 2nd edition, 2014-10-14, CAN/CSA C22.2 No. 60950-1-07, 2nd edition, 2014-10, IEC 60950-1:2005 (2nd edition)
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Accessories	ControlSpace EX Endpoint Mounting Bracket (790080-0110) ControlSpace EX Endpoint Power Supply (800446-1110)
PRODUCT CODES	
ControlSpace EX-UH	CONTROLSPACE EX USB/HEADSET Dante UTB (771784-0110)

# ControlSpace EX-UH

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### Front Panel



1. **Rotatable Mounting Tabs:** For multiple mounting options
2. **+12 VDC Connector:** External DC power supply input
3. **Gigabit Network Port:** Supports PoE+, Dante and network control
4. **Micro-B USB 2.0 port:** For PC soft codec connections
5. **RJ-9 Port:** For connecting to telephone handset headset port (shared with TRRS connection). Wired for Avaya® phones, includes adapter for Cisco®.
6. **3.5 mm TRRS AHJ (L/R/GND/Mic):** For laptops and mobile phones (shared with RJ-9 port)

### Rear Panel

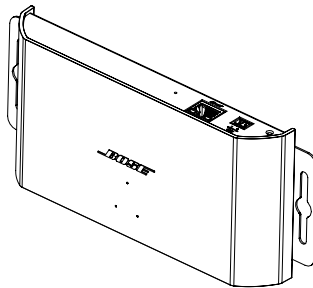


1. **Rugged Metal Enclosure:** Sleek and unobtrusive for under-table use
2. **Dante/Network Connector:** Daisy-chainable Dante or service port
3. **Daisy-Chainable Power Output:** For daisy-chaining power to additional EX endpoints

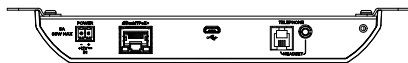
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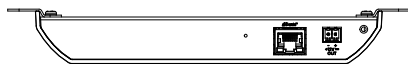
## Mechanical Diagrams<sup>1</sup>



**Front View**

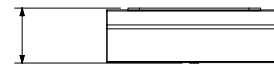


**Rear View**



**Right View**

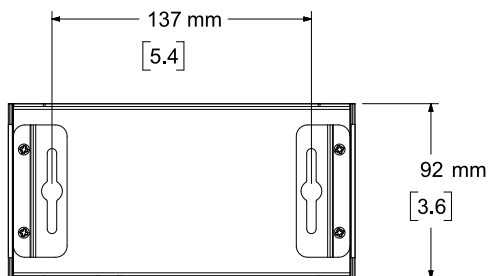
DIMENSIONS APPLY TO BOTH SIDES



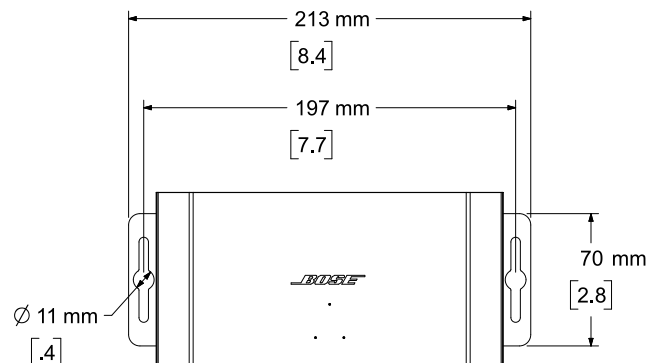
29 mm

[1.1]

**Top View**



**Bottom View**



1. DIMENSIONS ARE SHOWN IN MILLIMETERS OVER INCHES.

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For additional specifications and application information, please visit [boseprofessional.com](https://www.boseprofessional.com). Specifications subject to change without notice. 03/2023