



## MuxMeet Omnidirectional Ceiling Microphone

500797



### Overview

The MuxMeet Omnidirectional Ceiling Microphone (model: 500797) is designed for business meeting, interactive teaching and other scenarios. The digital array microphone can be cascaded to expand the microphone according to the size of the room, ensuring that the pickup range covers the entire space. Equipped with an audio processing unit and AI audio algorithms that eliminate all kinds of noise, echo and howling in the conference room, delivering a high quality voice call experience.

### Applications

- Commercial and residential AV systems
- Classroom projector systems
- Digital signage
- Boardroom systems
- Collaborative PC systems

### Key Features

- Digital array microphone
- Supports Power over Ethernet (PoE)
- Low latency audio transmission
- Multiple interface outputs
- Sound source localization technology
- AI audio algorithms
- Hoisting, wall and ceiling mounting

# Specification

## Audio Features

Environment	Custom audio-video systems in a structured cabling environment.
Application	Head-end installations, conference room, interactive teaching
Compatible Product	Muxlab 500822
Microphone Type	Omnidirectional Microphone
Array Microphone	Built-in 6 mics to form ring array microphone, 360° omnidirectional pickup
Sensitivity	-38 dBFS
Signal to Noise Ratio	65 dB(A)
Frequency Response	50Hz ~ 16KHz
Pickup Range	3m clear pickup, 6m effective pickup
Audio Algorithms	Automatic Echo Cancellation (AEC), Automatic Noise Suppression (ANS) and Automatic Gain Control (AGC)

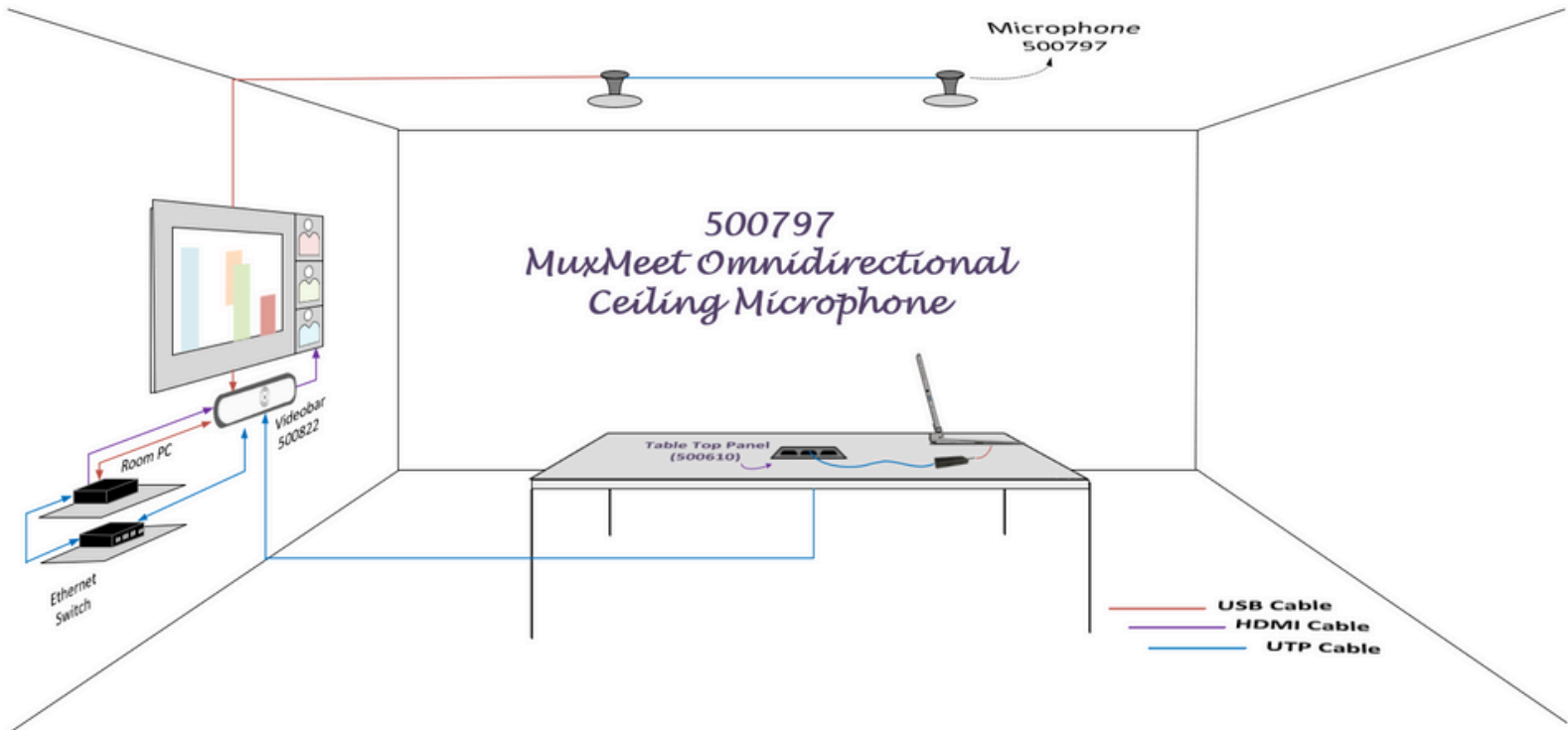
## Hardware Interfaces

Network Interface	2 x RJ45 uplink and downlink cascade ports
USB Interface	1 x USB-C audio interface, supports UAC 1.0
Audio Interface	2 x 3.5mm Analog audio input and output
M/S Selector	1 x mechanical switch (Disable)
Installation mode	Suspension mounting

## General

Cascade Mode	PoE network interface
Number of cascade	6
Power Supply	Single microphone USB 5V 500mA, cascade microphone PoE IEEE 802.3at
Power Consumption	3.0W Maximum
Temperature	Operating: 0° to 40°C                      Storage: -40° to 60°C Humidity: Up to 90% non-condensing
Dimensions	Ø170 mm x 40 mm
Weight	0.4 Kg
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 Years
Order Information	500797 Muxmeet Omnidirectional Ceiling Microphone (UPC: 627699007976)

# Application Example



Muxmeet Omnidirectional Ceiling Microphone  
500797

Follow us:    

2321 Cohen | St-Laurent, H4R 2N7 | Québec, Canada Tel: 514-905-0588 | Fax:  
514-905-0589 | Toll free: 1-877-689-5228 info@muxlab.com |  
salesteam@muxlab.com | www.muxlab.com