DATA SHEET
PARLÉ™ DCM-X
BEAMTRACKING™ CEILING MICROPHONE FOR DEVIO UCX





The Parlé DCM-X is a Beamtracking ceiling microphone designed specifically for Devio UCX meeting room systems. It delivers clear, natural speech pickup from above the table while keeping the meeting space clean and uncluttered.

The black surface-mount design blends into dark ceilings and modern room finishes, while Beamtracking technology follows active talkers automatically so participants can speak naturally from anywhere in the coverage area. Purpose-built for Devio UCX, DCM-X provides professional ceiling microphone performance for UC meeting rooms without requiring a Tesira DSP platform.

FEATURES

- **Built for Devio UCX** — A Beamtracking ceiling microphone designed specifically for Devio UCX systems.
- **Hear every voice clearly** — Beamtracking technology with four 90° zones provides full 360° coverage and automatically mixes active talkers without manual aiming or room mapping.
- **Maintain a clean, modern aesthetic** — the low-profile 5.90-inch (150 mm) ceiling-mounted design blends unobtrusively into any meeting space.
- **Simplify installation** — a single CAT5 connection to the included network box delivers audio, control, and DSP processing while using only one AEC channel per microphone.
- **Expand coverage when needed** — an additional RJ-45 port allows connection of a DCM-XEX expansion microphone (up to two microphones per network box).
- **Optimize performance for standard-height rooms** — ideal for meeting spaces with ceiling heights up to 10 ft (≈3 m).
- **Ensure clear meeting control** — an LED mute status indicator provides intuitive visual feedback during calls.
- **Integrate confidently** — Microsoft Teams Certified and compliant with major global safety and performance standards including UL 2043, CE, UL, and RoHS.
- **Invest with confidence** — the Parlé DCM-X is TAA compliant and backed by a comprehensive five-year warranty.

ARCHITECTS & ENGINEERS SPECIFICATIONS

The Beamtracking™ ceiling microphone shall be designed exclusively for use with Biamp® Devio® UCX systems. The Beamtracking ceiling microphone shall be comprised of a ceiling mount microphone and a network box. The Beamtracking ceiling microphone shall connect directly to a PoE+ port on the Devio UCX via an RJ-45 connector, and shall utilize a proprietary digital protocol for audio networking and control. The Beamtracking ceiling mount microphone shall contain a sixteen-element digital microphone array, and shall provide four 90-degree zones for 360 degrees of coverage. The Beamtracking ceiling microphone shall offer multidirectional beamforming and automatic signal tracking capabilities. The Beamtracking technology shall operate in conjunction with acoustic echo cancellation technology (AEC) in accordance with U.S. Patent 9659576. The Beamtracking ceiling microphone shall be automatically discovered and tuned by Biamp Launch through the Devio UCX, and shall support remote monitoring and management through Biamp Workplace. The Beamtracking ceiling microphone shall offer simple installation and shall be mountable directly to the ceiling. The Beamtracking ceiling microphone shall be powered by PoE (IEEE 802.3at Class 3, 15.4W). The Beamtracking ceiling microphone shall be suitable for use in air handling spaces in accordance with UL 2043, and shall provide an additional RJ-45 connector to allow connection of one expander DCM-XEX microphone. The Beamtracking ceiling microphone shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be three years. The Beamtracking ceiling microphone shall be Parlé™ DCM-X.

PARLÉ DCM-X SPECIFICATIONS

GENERAL:

Height:	1.2 inches (30 mm)
Width:	6.8 inches (172 mm)
Depth:	5.2 inches (132 mm)
Diameter:	5.9 inches (150 mm)
Weight:	1.4 lbs (625 g)
Optional Accessories:	Seismic Cable Adapter Cable adapter for DCM plenum boxes TB-1 Tile bridge for DCM plenum boxes TCM-X Installation Tool Hole saw and driver TCM-X-DK Plenum attachment for drywall ceilings TCM-X-FM Flush Mount Kit Plenum Box 12x12 Chicago compliant plenum box C5E-10-P, C5E-25-P 10ft and 25ft pre-terminated plenum rated CAT 5e cables

ENVIRONMENTAL:

Ambient Temperature Range:	32-104° F (0–40° C)
Humidity:	0–95% relative
Altitude:	0-10,000 ft (0–3000m) MSL

POWER:

Power:	PoE (IEEE 802.3at Class 3, 15.4W)
Power Indicator(s):	Indicators: Power Indicator (Green/Yellow/Red LED) Microphone: Mute Indicator (Green/Red LED)

NETWORK:

Network Connection(s):	
Network Box Connectors - Three RJ-45 One:	One between DCM-X network box and switch One between the network box and microphone One between DCM-X network box and DCM-XEX

AUDIO:

Microphone	
Microphone Technology:	16-Element Digital ArrayAmbient
Polar Pattern:	Active Beamformed
SNR (at 1kHz, 94dBSPL A-Weighted):	> 76dB
Digital Interface:	Custom/Proprietary
Connector:	RJ-45 (cable length 6.6 feet [2 meters])
Digital Interface:	Custom/Proprietary
Max Distance Between Devices:	330 feet (100 meters) from switch to DCM-X network box 33 feet (10 meters) between DCM-X network box and DCM-XEX
Frequency Response (150 Hz - 16 kHz):	± 3dB
Dynamic Range (THD+N < 1%):	92dB, A-Weighted
SPL (at < 1% THD):	109dB

CERTIFIED SOLUTIONS:

TAA Compliant:	TAA Compliant

COMPLIANCE:

Certifications:	FCC Part 15B (USA) CE marked (Europe) UL and C-UL listed (USA and Canada) RoHS Directive (Europe) Evaluated to the requirements of UL 2043 and is suitable for use in air handling spaces

OPTIONAL ACCESSORIES



BPAK
Backpack adapter kit



Seismic Cable Adapter
Cable adapter for TCM plenum boxes



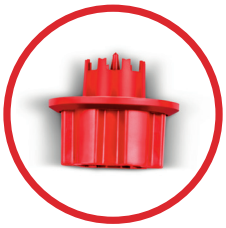
TB-1
Tile bridge for TCM plenum boxes



TCM-X-FM
Flush Mount Kit



TCM-X-DK
Plenum attachment for drywall ceilings



TCM-X Installation Tool
Hole saw and driver



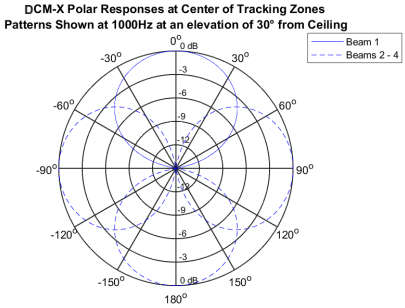
Plenum Box 12x12
Chicago compliant plenum box

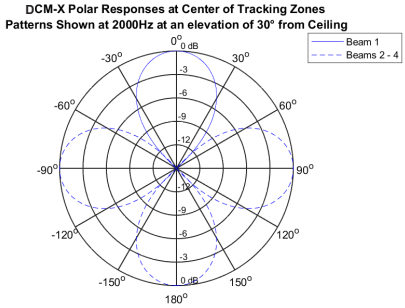


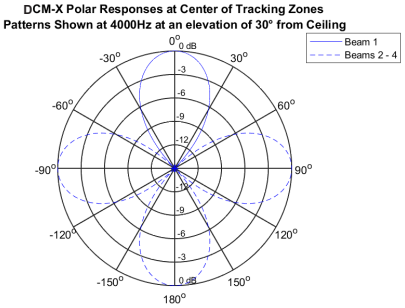
C5E-10-P, C5E-25-P
10ft and 25ft pre-terminated plenum rated Cat 5e cables



TCM-X-PM
Pole Mount Solution







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A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA T: +1 503.641.7287 W: www.biamp.com