

DATA SHEET

PARLÉ™ TTM-XEX

BEAMTRACKING™ TABLETOP MICROPHONE



The Parlé™ TTM-XEX is a tabletop microphone for use in Tesira® and Devio® systems. Each low-profile microphone includes Beamtracking technology with four 90-degree zones, providing full 360-degree coverage of the meeting space. The TTM-XEX microphone delivers Beamtracking performance in a sleek, unobtrusive design that can be either placed on or mounted to a tabletop. The TTM-XEX actively tracks and intelligently mixes conversations from around the table, allowing far-end participants to experience the conversation as they would a face-to-face meeting. In Tesira systems, the TTM-XEX is intended to be used as a second microphone in conjunction with the TTM-X; it cannot operate as a standalone device. In Devio systems, it functions as a standalone microphone. The TTM-XEX is well suited for a variety of room types and sizes that require high-quality audio solutions and low-profile or unobtrusive microphones.

FEATURES

- Must be used with a Parlé TTM-X microphone in Tesira systems
- Low profile circular tabletop mic that measures 4.3 inches (110 mm) in diameter
- Sits directly on a tabletop to virtually disappear in room
- Beamtracking technology actively tracks and intelligently mixes conversations
- Four 90-degree zones for full 360-degree room coverage
- Uses only one channel of AEC per microphone
- Single cable connection via category cable
- Beamtracking technology works out-of-box without any lobe aiming or room mapping
- LED mute status indicator
- Available in either black or white
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' five-year warranty

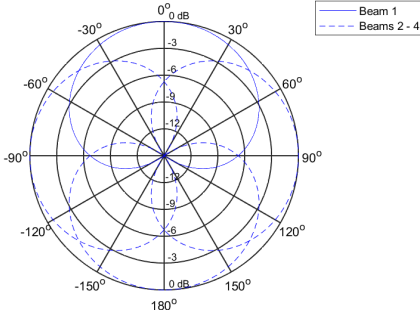
ARCHITECTS & ENGINEERS SPECIFICATIONS

The Beamtracking™ tabletop microphone shall be designed exclusively for use with Biamp® Tesira® and Devio® systems. The Beamtracking tabletop microphone shall utilize a proprietary digital protocol via an RJ-45 connector for audio networking. The Beamtracking tabletop microphone shall contain a sixteen-element digital microphone array, and shall provide four 90-degree zones for 360 degrees of coverage. The Beamtracking tabletop 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 tabletop microphone shall offer simple installation and shall be placed on or mounted to a tabletop. The Beamtracking tabletop microphone shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be five years. The Beamtracking tabletop microphone shall be Parlé™ TTM-XEX.

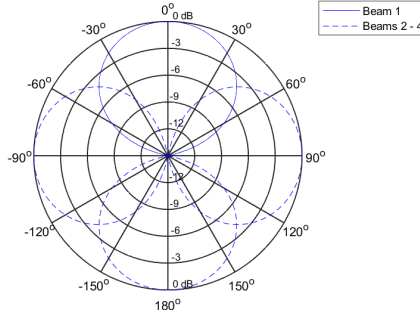
PARLÉ TTM-XEX SPECIFICATIONS

Microphone Technology:	16-Element Digital Array	Power:	Custom/Proprietary
Frequency Response (150 Hz - 16 kHz):	± 3dB	Max Distance Between Devices:	33 feet (10 meters) between TTM-XEX and DSP host device
Polar Pattern:	Beamformed	Environmental:	
Sensitivity (94dB SPL, 1kHz):	> 74dB	Ambient Operating Temperature Range:	32 - 104° F (0 - 40° C)
Maximum SPL (at 0.5% THD):	109dB	Humidity:	0-95% relative humidity (non-condensing)
Dynamic Range (THD+N < 10%):	90dB, A-Weighted	Altitude:	0-10,000 ft (0-3000m) MSL
Indicators:	Mute Indicator (Green/Red LED)	Compliance:	FCC Part 15B (USA) CE marked (Europe) UL and C-UL listed (USA and Canada) RoHS Directive (Europe)
Digital Interface:	Custom/Proprietary		
Connector:	RJ-45 (cable length 6.6 feet [2 meters])		
Overall Dimensions			
Height:	0.7 inches (18 mm)		
Diameter:	4.3 inches (110 mm)		
Weight:	0.5 lbs (231 g)		

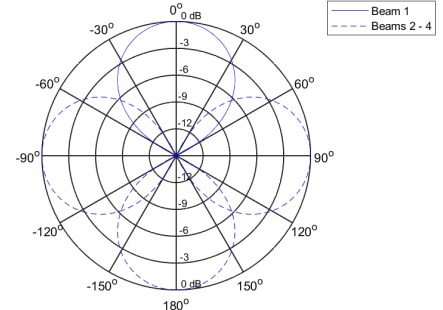
TTM-X Polar Responses at Center of Tracking Zones
Patterns Shown at 1000Hz at an elevation of 30° from Table



TTM-X Polar Responses at Center of Tracking Zones
Patterns Shown at 2000Hz at an elevation of 30° from Table



TTM-X Polar Responses at Center of Tracking Zones
Patterns Shown at 4000Hz at an elevation of 30° from Table



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A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA

T: +1 503.641.7287

W: www.biamp.com

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