DATA SHEET
PARLÉ™ TTM-XEX
EXPANSION AVB BEAMTRACKING™ TABLETOP MICROPHONE

The Parlé™ TTM-XEX is an expansion AVB tabletop microphone for use in Tesira® systems. Each low-profile microphone includes Beamtracking technology with four 90-degree zones, providing full 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. The Parlé TTM-XEX is intended to be used as a second microphone in conjunction with the TTM-X; it cannot operate as a standalone device. 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
- Low profile circular tabletop mic that measures 4.7 inches (120 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 expansion Beamtracking™ tabletop microphone shall be designed exclusively for use with Biamp® Tesira® systems. The expansion Beamtracking tabletop microphone shall utilize a proprietary digital protocol via an RJ-45 connector for audio networking with a TTM-XEX Beamtracking tabletop microphone. The expansion Beamtracking tabletop microphone shall contain sixteen-element microphones, and shall provide four 90-degree zones for 360 degrees of coverage. The expansion 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 signal processing of the expansion Beamtracking tabletop microphone shall be configurable via the Tesira design software, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The expansion Beamtracking tabletop microphone shall offer simple installation and shall be placed on or mounted to a tabletop. The expansion Beamtracking tabletop microphone shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be five years. The expansion 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-X network box and TTM-XEX
Polar Pattern:	Beamformed		
Sensitivity (94dB SPL, 1kHz):	> 70dB	**Environmental**	
Maximum SPL (at 0.5% THD):	106dB	**Ambient Operating**	
Dynamic Range (THD+N < 10%):	92dB, A-Weighted	**Temperature Range:**	32 - 104° F (0 - 40° C)
Indicators:	Mute Indicator (Green/Red LED)	**Humidity:**	0-95% relative humidity (non-condensing)
		Altitude:	0-10,000 ft (0-3000m) MSL
Digital Interface:	Custom/Proprietary	**Compliance:**	
Connector:	RJ-45 (cable length 10 feet [3 meters])		FCC Part 15B (USA)
			CE marked (Europe)
Overall Dimensions			UL and C-UL listed (USA and Canada)
Height:	0.6 inches (15 mm)		RoHS Directive (Europe)
Diameter:	4.7 inches (120 mm)		
Weight:	TBD		