DATA SHEET
DEVIO® DTM-1
BEAMTRACKING™ TABLETOP MICROPHONE

The DTM-1 is a tabletop microphone for use in Devio® systems. Each microphone includes beamtracking™ technology with three 120-degree zones, providing full 360-degree coverage of the meeting space. The DTM-1 microphone actively tracks and intelligently mixes conversations from around the table, allowing far-end conference participants to experience the conversation naturally. The Devio DTM-1 comes with three capacitive-touch buttons for managing mute state, and each microphone comes with an additional RJ-45 connector for daisy-chain connections. A maximum of two DTM-1 microphones are permitted per daisy chain. The Devio DTM-1 is well suited for huddle rooms or small conference rooms that require cost effective, high-quality audio solutions.

FEATURES

- Beamtracking technology actively tracks and intelligently mixes conversations
- Three 120-degree zones for 360 degrees of coverage
- Three LED mute status indicators
- Two selectable directivity modes
- Three capacitive touch mute buttons
- Mounting plate for secure installation included

- Easy single-cable installation process
- Additional RJ-45 for daisy-chain connection to another DTM-1 microphone (maximum of two mics per daisy chain)
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' two-year warranty

NOTE: DTM-1 TABLETOP MICROPHONES AND DCM-1 CEILING MICROPHONES CANNOT BE DAISY-CHAINED TOGETHER..

ARCHITECTS & ENGINEERS SPECIFICATIONS

The beamtracking™ tabletop microphone shall be designed exclusively for use with Devio® systems. The beamtracking tabletop microphone shall utilize a proprietary network via an RJ-45 connector for audio networking as well as software configuration and control. The beamtracking tabletop microphone shall contain eight-element microphones, and shall provide three 120-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 include three capacitive-touch buttons for changing mute state, and shall support single-cable installation and tabletop mounting. The beamtracking tabletop microphone shall provide a second RJ-45 connector to allow an additional beamtracking tabletop microphone to be daisy-chained together. The beamtracking tabletop microphone shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be two years. The beamtracking tabletop microphone shall be Devio DTM-1.

DEVIO DTM-1 SPECIFICATIONS

Microphone Technology:	8-Element Digital Array	**Power Requirements:**	< 1 W, phantom powered from CR-1/SCR-20/SCR-25
Frequency Response (150 Hz - 16 kHz):	± 3 dB	**Max Distance Between Devices:**	49 feet (15 meters) from CR-1/SCR-20/SCR-25 to DTM-1; 49 feet (15 meters) for daisy-chained connections between DTM-1 microphones
Polar Pattern:	Active Beamformed		
Sensitivity (94 dB SPL, 1 kHz):	> 70 dB, A-Weighted		
Maximum SPL (at 0.5% THD):	106 dB SPL		
Dynamic Range (THD+N < 10%):	92 dB, A-Weighted	**Overall Dimensions:**	
Automatic Noise Suppression:	4 modes: Off, Low (Default), Medium, High	**Height:**	2.2 inches (56 mm)
		Width:	5.1 inches (130 mm)
		Depth:	4.8 inches (121 mm)
Selectable Directivity Modes:	2 modes: Middle of Table (360°) or End of Table (120°)	**Weight:**	0.6 lbs (0.27 kg)
		Environmental:	
		Ambient Operating Temperature Range:	32-104° F (0-40° C)
Mute Switching:	3 Capacitive Touch Buttons	**Humidity:**	0-95% relative humidity (non-condensing)
		Altitude:	0-6,600 ft (0-2000 m) MSL
Indicators:	Mute Indicator (Green/Red LED)	**Compliance:**	
Digital Interface:	Custom/Proprietary		FCC Part 15B (USA) CE marked (Europe) UL and C-UL listed (USA and Canada) RoHS Directive (Europe)
Connectors:	Two RJ-45: one between DTM-1 and Devio CR-1/SCR-20/SCR-25, the other between DTM-1 and additional DTM-1		

BEAMFORMING RANGE
Polar pattern shown at 1kHz