

# DATA SHEET

## VOCIA® VAM-1

### AUXILIARY MICROPHONE



The VAM-1 device is an independent microphone assembly that functions as a slave device to the Vocia Wall and Desk Station (WS-4/10 and DS-4/10) series microphones and to the Vocia Input 6 (VI-6) for paging via the Paging Ports. Up to four VAM-1 slave microphones can be connected per VI-6. The VAM-1 incorporates a push-to-talk (PTT) switch and has LED indication of the Wait, Talk Now and Unavailable paging states. The microphone latch is magnetic for easy docking to the cradle. Power is provided by the host device.

#### FEATURES

- Slave interface to Vocia Paging Stations and VI-6 devices
- Visual LED feedback of paging and zone status
- Suitable for surface mounting
- Audio, power and control over a single Ethernet cable
- Power is provided by the host device
- IP30 Compliant
- CE marked, UL listed and RoHS compliant
- EN 54-16 certified
- Covered by Biamp Systems' 5-year warranty

#### ARCHITECTS & ENGINEERS SPECIFICATION

The Vocia Auxiliary Microphone 1 (VAM-1) shall be designed exclusively for use with Biamp® Vocia systems. The Vocia Auxiliary Microphone 1 (VAM-1) shall provide a direct physical connection to Vocia DS-4/10, WS-4/10, EWS-4/10 or VI-6 paging stations and analog audio input devices. The Vocia Auxiliary Microphone 1 (VAM-1) shall be powered from compatible Vocia host devices over standard CAT5e/6 cable. The Vocia Auxiliary Microphone 1 (VAM-1) shall support standard single gang back box mounting. The Vocia Auxiliary Microphone 1 (VAM-1) shall support visual indication of zone status via LEDs. The Vocia Auxiliary Microphone 1 (VAM-1) shall be UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The Vocia Auxiliary Microphone 1 (VAM-1) shall be a Vocia VAM-1.

## VOCIA VAM-1 SPECIFICATIONS

<b>Network Connection:</b>	RJ45 with shielded Ethernet (CAT5, CAT5e, CAT6 or CAT7)	<b>Power (from host):</b>	12V DC, 50 mA
<b>Frequency Response (20Hz-10kHz):</b>	+0, -1dB	<b>Overall Dimensions:</b>	
<b>THD+N (20Hz-10kHz):</b>	<0.08%	<b>Height:</b>	5.4 inches (136.5 mm)
<b>Effective Input Headroom:</b>	30dB	<b>Width:</b>	2.5 inches (62 mm)
<b>System Headroom:</b>	18dB	<b>Depth:</b>	2.2 inches (55 mm)
<b>Maximum Input:</b>	125dB SPL	<b>Weight:</b>	0.55 lbs (250 g)
<b>Mic Type:</b>	Dynamic microphone with dual transducer un-monitored)	<b>Microphone Cord Length (extended):</b>	4 ft. (1219 mm)
<b>Nominal Input Level:</b>	-45dBu	<b>Max Cable Length:</b>	100 ft. (30 m)
<b>Nominal Output Level:</b>	-10dBu	<b>Environment:</b>	
<b>THD+N (20Hz-10kHz, @ -35dBu In):</b>	<0.08%	<b>Ambient Operating Temperature Range:</b>	23-104° F (-5 - 40° C)
<b>Input Common Mode Rejection Ratio (200Hz-20kHz):</b>	>50dB	<b>Humidity:</b>	0 - 95% non-condensing
<b>Headroom:</b>	> 25dB	<b>Altitude:</b>	0-10,000 Feet (0-3000 Meters) MSL
<b>SNR (20Hz ~ 20kHz, 35dB Gain, 150Ω):</b>	> 65dB	<b>Compliance:</b>	CE marked (Europe) UL and C-UL listed (USA and Canada) RoHS Directive (Europe)

## VOCIA VAM-1 BACK PANEL

