

NextGen Design. Crystal-Clear Audio.

Cutting-Edge Digital Technology

Every FlexMic is equipped with an individual Digital Signal Processor (DSP), offering a purely digital microphone solution. This built-in DSP allows for precise control over microphone responsiveness, coloring, pickup patterns, and equalization. With the ability to switch seamlessly between six stored audio pickup patterns at the touch of a button, the FlexMic adapts to any courtroom scenario effortlessly.

Unparalleled Flexibility

The FlexMic's capacitive touch button can be reconfigured to suit any situation, offering functions like push to talk, hold to talk, push to mute, or hold to mute. Additionally, the JM-24B FlexMic features thirteen high-visibility LEDs along its base, capable of displaying an infinite number of light patterns and programmable audio tones to notify participants of mode changes. Voice Masking can be enabled on the fly, distorting tone and pitch to protect the speaker's identity.

Seamless Integration with JAVS Recording Suite

When paired with the JAVS Recording Suite, the FlexMic becomes a truly interactive data point, conveying essential information such as recording status, private mode, and more. This integration ensures a comprehensive and intuitive audio solution for any courtroom.



FEATURES:

- Onboard DSP
- Selectable Polar Patterns: (Supercardioid, Hypercardioid, Cardioid, Subcardioid, Omnidirectional, and Bidirectional)
- Configurable Push Button
- Voice Masking
- Customizable LED Indicators
- Audio Tone Indicators
- ESD Protection
- EMI/RFI Shielding: Prevents interference from other devices



Programmable Mic Patterns

Microphone patterns include: Omni-Directional, Sub-Cardioid, Cardioid, Super-Cardioid, Hyper Cardioid, and Bi-Directional.



Configurable Pushbutton

This responsive push button can be customized to perform various functions, such as muting, activating, or switching between different modes.



Customized LED Indicators

Clear visual cues to users about the microphone's status. These programmable LEDs can display different colors and patterns to indicate various operational states, such as active, muted, or standby.



Learn more at
www.javs.com

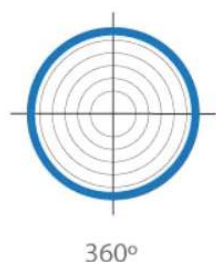
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JAVS JM-24B Flex Mic Specs

Parameter	Specification	Conditions/Comments
Microphone Technology	MEMS Microphone	
Selectable Polar Patterns	Bidirectional (90 degrees) Supercardioid (105 degrees) Hypercardioid (110 degrees) Cardioid (120 degrees) Subcardioid (180 degrees) Omnidirectional (360 degrees)	Software Adjustable
Sensitivity	-14dBu	@1Pa
Frequency Response	20Hz - 16kHz	Software adjustable
Max Acoustic Input	100 dB SPL	@1kHz, 1%THD
Audio Line Impedance	100 Ohm/balanced	+/-5% @1kHz
Communication	EIA/RS 422	Full Duplex
Communication Speed	62500 baud/sec	Even, 8, 1
Communication Line Imped.	100 Ohm	+/-5% @1mHz
Connector	RJ45	T568B wiring
Power Voltage	24VDC	Nominal
Power Consumption	3W @24VDC (All LEDs on at max brightness) 1W @24VDC (All LEDs off)	
Cable Length	Tested to 300m using CAT5E cable	
Dimensions	120 x 94.5 x 32mm (4.73" x 3.72" x 1.26")	
Net Weight	295 grams (10.4 oz)	

Polar Patterns

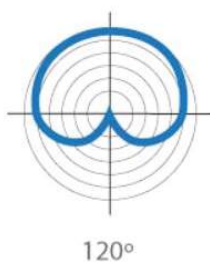
Omn directional



Sub-Cardioid



Cardioid



Super-Cardioid



Hyper-Cardioid



Bi-Directional

