

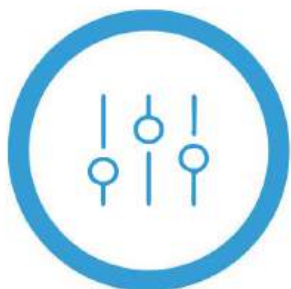
NextGen Courtroom Audio Mixer

Introducing AXIO from Justice AV Solutions. The pinnacle of audio technology and automatic audio switching for courtrooms and other spoken word applications. Built upon the proven reliability and exceptional sound quality legacy of our Centro platform, AXIO is a revolutionary next step in automatic audio mixing, designed to elevate the audio experience. Engineered for true plug-and-play functionality, AXIO comes preloaded with DSP functions that ensure every word is captured with precision, making it indispensable in high-stakes environments.

Innovative Microphone Integration: At the heart of AXIO is the JAVS Flex Microphone interface, compatible with a new generation of JAVS microphones: JM-24B Boundary Mic - JM-24G Gooseneck Mic - JM-24M Mini FlexMic



 **Dante®**



Up to 16 Audio Tracks



20 Microphone Inputs



4 Auxillary Inputs



Microphone Self-Check

Seamless Network Integration with Dante: AXIO integrates effortlessly into digital network audio solutions using Dante Audio Over IP, offering up to 4 Dante audio inputs and outputs for versatile audio distribution.

Flexible Licensing: The AXIO-SE utilizes license keys to enable various inputs and outputs, allowing users to start with a more affordable version and upgrade as needed. Unlike previous models, AXIO-SE offers unmatched flexibility, letting you choose specific inputs and outputs without requiring bundled upgrades.



Learn more at
www.javs.com

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JAVS AXIO Specs

Analog Inputs				USB 2.0 Main			
Parameter	Unit	Specifications	Notes	Parameter	Unit	Specifications	Notes
Number of Analog Inputs		Number of Analog Inputs	20	Connector		Number of Analog Inputs	20
Input Type		Input Type	20	Bits Depth		Input Type	20
Input Connectors		Input Connectors	20	Number of Audio Channels		Input Connectors	20
• RJ45	20		4	Sampling Rate	20		4
• Block Terminal Inputs	4	-Block Terminal Inputs	8	Driver	4	-Block Terminal Inputs	8
Max Input Level (Balanced)	8	Max Input Level (Balanced)	8	USB Audio	8	Max Input Level (Balanced)	8
Input Noise Floor	4	Input Noise Floor	4	SNR (Signal to Noise)	4	Input Noise Floor	4
Input crosstalk	20	Input crosstalk	20	Frequency Response	20	Input crosstalk	20
• RJ45	20		20	• 40HZ - 16KHz	20		20
• Block Terminal Inputs	20	-Block Terminal Inputs	20	• 20Hz - 20KHz	20	-Block Terminal Inputs	20
Input Gain Range	4	Input Gain Range	4	THD+N	4	Input Gain Range	4

Analog Outputs			
Number of Analog Outputs	20		
Output Types	Block Terminal	3 pin, Active Balanced	
Output Impedance			
• Balanced	Ω	110 Ω +/-5%	@ 1KHz
Max Output Level			
• Balanced	dbu	11dbu (2.8Vrms)	THD+N <0.05% @ 1KHz
Outputs Attenuation	db	100db	0.5db step
SNR (Signal to Noise)	dbu	>100db	Vin=8dbu, 20Hz-20KHz, gain 0db
Frequency Response			
• 40Hz - 16KHz	db	+0/-0.2db	Input levels -40 ~ +8dbu, Input filters 20Hz-20KHz
• 20Hz - 20KHz	db	+0/-2db	Input Levels - 40 ~ +8dbu
THD+N	%	<0.005%	@ 0 dbu, 1 KHz, UWTD 20Hz-20 KHz bandwidth
Output Crosstalk	db	<80db	@20Hz-@20KHz@8dbu

Input RJ45			
Mic Communication		RS422(EIA-422)	Full Duplex, Point to Point
Mic Communication Rate	20	230400	Even, 8,1
Input Connectors Power	20		Provides power for externally connected devices
• Voltage	V	24V +/-10%	On AXIO side
• Max Current	A	0.4A	Automatic short current protection recovery

USB 2.0 BCP			
Connector		USB Type B	20
Bits Depth	Bit	24 Bits	20
Number of Audio Channels		16	16 - Outputs
Sampling Rate	kHz	48kHz	4
Driver		AXIO	8
USB Audio			
SNR (Signal to Noise)	dbu	>90db	Vin=0dbu, 20Hz-20kHz
Frequency Response			
• 40HZ - 16KHz	db	+0/-0.2	20
• 20Hz - 20KHz	db	+0/-2db	20
THD+N	4	Input Gain Range	4

Audio Inputs	Total: 44
RJ45 for JAVS Devices	20
Block Terminal (Balanced)	4
USB 1	8
USB 2	8
Dante	4

Input Connectors	
RJ45	20
Block Terminal 3-Pin	4
USB-B	2

Audio Outputs	Total: 56
Line Outputs	20
USB 1	16
USB 2 (BCKP)	16
Dante	4

Output Connectors	
Block Terminal 3-Pin	20
USB-B	2
Dante Network RJ45	1

Control Ports	
Ethernet RJ45	1
Front Status RGB Indicator	1
Front Status Power Indicator	1