

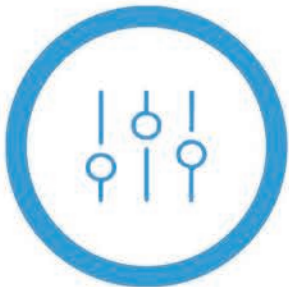
NextGen Courtroom Audio Mixer

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

Parameter	Specification	Notes
Inputs	Up to 20 (Total available based on licensing)	
Input Type	RJ45 connector, Active Balanced	
Audio Input Impedance	2.8K Ω +/-5%	@1KHz, Balanced
Maximum Input Level (balanced)	8.2dBu (2Vrms)	@THD+N <0.1% @ 1kHz, gain 0dB
Input CMRR	>50dB	@20Hz-20kHz
Input Noise Floor	<=100dBu	@20Hz-20kHz, 100 Ohm
Input Crosstalk	<80dBu	@20Hz-@20kHz@8dBu
Input Gain Range	120dB	+20dB to -100dB
Input Power	24V +/- 10%, 0.4A max	Automatic short current protection recovery
Audio BPF	13 settings	20Hz-63Hz-100Hz-200Hz-315Hz- 500Hz 3.15kHz-4kHz- 5kHz-6.3kHz-8kHz-14kHz-20kHz

Parameter	Specification	Notes
Outputs	Up to 20	(Total available based on licensing)
Output Type	3-Pin Block Terminal	Active Balanced
Output Impedance (balanced)	110 Ω +/-5% @ 1kHz	
Maximum Output Level (Balanced)	11dBu (2.8Vrms)	THD+N <0.05% @ 1KHz
Output Attenuation	100dB	
Signal to Noise Ratio (SNR)	>100dB	Vin=8dBu, 20Hz-20kHz, gain 0db
Frequency Response (40Hz – 16kHz)	+0/-0.2dB	Input levels -40 ~ +8dBu, Input filters 20Hz-20kHz
Frequency Response (20Hz – 20kHz)	+0/-2dB	Input levels -40 ~ +8dBu
THD+N	<0.005%	@ 0 dBu, 1 kHz, UWTD 20Hz-20 kHz bandwidth
Output Crosstalk	<80dB	@20Hz-@20kHz@8dBu

Parameter	Specification	Notes
USB Type	USB 2.0	
Connector Type	USB Type B Female	
USB Input Audio Channels	8 channels per USB	
USB Output Audio Channels	16 channels per USB	Full mix-minus per channel
Sampling Rate	48kHz	
Bit Depth	24 bit	
ASIO Supported	Yes	
Signal to Noise Ratio (SNR)	> 90dB	Vin=0dBu, 20Hz-20kHz
Frequency Response (40Hz – 16kHz)	+0/-0.2dB	Input levels -40 ~ +8dBu, Input filters 20Hz-20kHz
Frequency Response (20Hz – 20kHz)	+0/-2dB	Input levels -40 ~ +8dBu
THD+N	< 0.005%	@ 0 dBu, 1 kHz, ASIO Driver, UWTD 20Hz-20 kHz
Dynamic Range	> 105dB	Vin=8dBu, 20Hz-20kHz
Output Crosstalk	< 80dB	Vin=0dBu, 20Hz-20kHz

Parameter	Specification	Notes
Dante Channels		
Input Audio Channels	Up to 4	Requires License
Output Audio Channels	Up to 4	Requires License; Full mix-minus per channel
Sampling Rate	48kHz	
Bit Depth	24 bit	
Network	Dedicated 10/100 RJ45 Ethernet	
Audio BPF	13 settings	20Hz-63Hz-100Hz-200Hz-315Hz-500Hz 3.15kHz-4kHz-5kHz-6.3kHz-8kHz-14kHz-20kHz

Parameter	Specification	Notes
Power Button	Front panel with power status LED	
Factory Reset	Front panel, recessed, momentary button	
Status LED	Front Panel	
Power Voltage	24V	
Power Consumption (max)	100W	
Power Connector	5mm barrel connector	
External Power Supply	100 to 240V 50/60Hz	Included, wide input power supply
External Control	Yes, via ethernet control protocol	
Control Connector	RJ45, 10/100 Ethernet	
Dimensions (W x H x D)	482.6 x 44.45 x 309.56 mm (19.0 x 1.75 x 12.2 in)	
Weight	2.36 Kg / 5.2 lb.	
Operating Environment Temperature	0 – 40 degrees (C) 32 – 104 degrees (F)	