

The Centro provides a scalable solution for audio/video processing needs.

Audio/Video Processor

This A/V processor manages the audio and video channels during a digital recording and encompasses all the software and hardware needed to maintain a complete record. There's no need for expensive pan/tilt/zoom cameras, and no need for a person to operate equipment aside from assuring the system is on.

Capture a natural, smooth A/V recording that captures not only what was said, but body language and tone as well.

With additional capabilities including evidence presentation, video conferencing, public address, and assistive listening, Centro is a scalable solution ideal for any courtroom, conference room, interrogation room or similar setting.



CUTTING EDGE FEATURES UNLIKE ANY OTHERS!



Automatic audio mixer recognizes and immediately adjusts gain when moving from one mic to another while disregarding sudden noises.



Video switching is automatically handled by the Centro when an attached microphone detects a person speaking.



Private mode mutes all public audio and video outputs for a private conversation to occur - while adding white noise if desired - all with a touch of a button.



Scalable and configurable solution that accommodates up to 10 video and up to 18 audio inputs.

Ready to learn more about how the Centro audio/video processor can help you capture an accurate A/V record for your justice needs?

Check out www.javs.com/centro or contact us at 1-800-354-JAVS (5287).

Audio Specifications

Amount of Inputs	18
Input Connectors Active Balanced	
RJ45	14
3-pin Block Terminal	4
Input Impedance (Balanced)	1970Ohm +/- 5% @ 1KHz @ 0dbu
Maximum Input Level	8.24dbu (2Vrms) @ THD+N <0.01% @ 1KHz
Input CMRR	>70db @ 20HZ - @ 20KHz
Amount of Outputs	26
Output Types	
Block Terminal Active Balanced	2
HDMI Active Balanced	2 (x2 via internal ADA)
HDMI Active Unbalanced	5 (x2 via internal ADA)
RCA Active Unbalanced	2
RJ45 Active Balanced	8
Output Impedance	
Balanced	100OHM +/- 2% @ 1KHz
Unbalanced	50Ohm +/- 2% @ 1KHz
Maximum Output Level	
Balanced	11dbu (2.8Vrms) @ THS+N <0.05% @ 1KHz
Unbalanced	5bdu (1.38Vrms) @ THS+N <0.1% @ 1KHz
Channel Gain (In/Out)	0db +/- 0.2db @ 40Hz – 16KHz
Signal to Noise Ratio (SNR)	
Balanced	>90dbu Re: Vin = 8dbu, 20Hz – 20KHz
Unbalanced	>80dbu Re: Vin = 8dbu, 20Hz – 20KHz
Frequency Response	
40HZ – 16KHz	+0/-0.2db @ input levels -40 ~ +8dbu
20Hz – 20KHz	+0/-2bd @ input levels -40 ~ +8dbu
THD+N	
Balanced Outputs	<0.02% @ 0dbu, 1kHz, WTD 20Hz – 20kHz BW
Unbalanced Outputs	<0.1% @ 0dbu, 1kHz, WTD 20Hz – 20kHz BW
IMD	<0.05% @0dbu, 50Hz/7KHz, 0dbu, ratio 4:1
Input/Output Linearity	<0.02db @ -60dbu - +8.239dbu/20Hz-20KHz, BW 20Hz-20KHz
Crosstalk	<90db @ 1KHz @ 8.239dbu (any channel)

Video Specifications

Amount of Inputs	10
Input Connectors	
RJ45	8 (Balanced)
RCA	2 (Unbalanced)
Input Impedance	
Balanced	100Ohm +/- 2%
Unbalanced	75OHM +/- 2%
Nominal Input Level	1Vp-p (100IRE)
Input CMRR (for balanced inputs)	>60db @ 50Hz-6MHz
Amount of Outputs	11
Output Types	
RJ45 Active Balanced	8
HDMI Active Unbalanced	1 (x2 via internal VDA)
RCA Active Unbalanced	2
Nominal Output Level	1Vp-p (100IRE) / Terminated
Output Impedance	
Balanced	100Ohm +/- 2% @ 1MHz
Unbalanced	75Ohm +/- 2% @ 1MHz
Differential Gain	<0.4% @ 3.58MHz
Crosstalk	<40db @ 4MHz (any channel)
Miscellaneous Specifications	
Power Requirements	24VDC
Power Consumption	
No external devices attached	15 Watts
All devices attached	90 Watts
Dimensions	44.5mm x 482.6mm x 304.8 mm
	1.75 in x 19.00 in x 12 in
Weight	4,400 grams / 9.7lbs