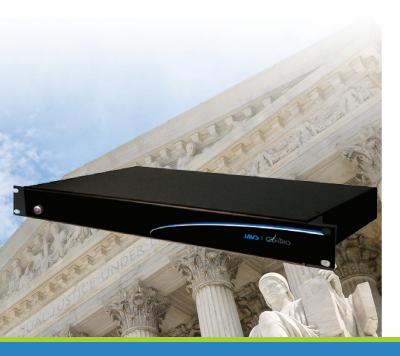


The Centro provides a scalable solution for audio/video processing needs.



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?





| Audio Specifications | |
|---|--|
| Amount of Inputs | 18 |
| Input Connectors Active Balanced | |
| RJ45 | 14 |
| 3-pin Block Terminal | 4 |
| Input Impedance (Balanced) | 1970Ohm +/- 5% @ 1KHz @ Odbu |
| 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 | 1000HM +/- 2% @ 1KHz |
| Unbalanced | 500hm +/- 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) Signal to Noise Ratio (SNR) | 0db +/- 0.2db @ 40Hz – 16KHz |
| Balanced | >90bdu Re: Vin = 8dbu, 20Hz – 20KHz |
| Unbalanced | >80dbu Re: Vin = 8dbu, 20HZ - 20KHz |
| Frequency Response | ••••••••••••••••••••••••••••••••••••••• |
| 40HZ – 16KHz | +0/-0.2db @ input levels -40 $^{\sim}$ +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, |
| 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 | 1000hm +/- 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 | 1000hm +/- 2% @ 1MHz |
| Unbalanced | 750hm +/- 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 |