

MATRIX AD-4x4

AEV Broadcast Digital Audio Matrix



4 Balanced Analog Stereo Inputs

Digitally Outputs Level Adjust

4 Balanced Analog Stereo Outputs

DSP powered

Digital AES/EBU Inputs (Optional)

Software Ethernet control

Digital AES/EBU Outputs (Optional)

Connectors Audio TRS, RJ45

RGB Key to input & input selection

Display input/output level adjust



TECHNICAL DETAILS

Inputs

Input configuration	Electronic balanced
Input Impedance	10 K Ω
Input Max Level	+20 dBm
Input Level Range	-24 ÷ +24 dBm, 1 dB steps
Connector	Jack stereo 6,3/XLR*

Digital input (internal plug option)

Input configuration	AES/EBU, IEC958, S/PDIF & EIAJ CP340/1201
Sample Rate	Automatic 32, 44.1, 48, 96 KHz converter

Outputs

Output configuration	Electronically balanced
Output Impedance	50 Ω
Output Max Level	+20 dBm
Output Level Range	-24 ÷ +24 dBm, 1 dB steps
Connector	Jack stereo 6,3 (*optional TRS-XLR adapter)

Digital output (internal plug option)

output configuration	AES/EBU, IEC958, S/PDIF & EIAJ CP340/1201
Sample Rate	32, 44.1, 48, 96 KHz converter

General Specifications

Stereo Separation degradation	< 1 dB
Distortion @ 1 KHz	< 0.01%
Signal to noise ratio	< 85 dB (CCIR)
Power requirement	90 - 264 V ~ 50 - 60 Hz
Consumption	20 W
Power supply	max power 35 W
Dimension	(WxHxD) 48,3 x 19,4 x 4,4 cm 1 rack unit
Weight	2,5 Kg. (5.5 Lbs)
Operating Temp.	0 ÷ 50° C.