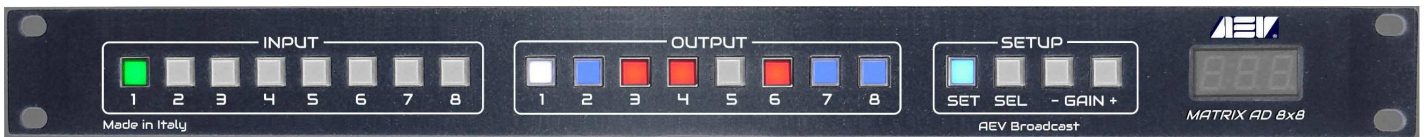




# MATRIX AD-8x8

## AEV BROADCAST DIGITAL AUDIO MATRIX



- 8 Balanced Analog Stereo Inputs
- 8 Balanced Analog Stereo Outputs
- Digital AES/EBU Inputs (optional)
- Digital AES/EBU Outputs (optional)
- RGB key to input & input selection

- Digitally Outputs Level Adjust
- DSP powered
- Software Ethernet control
- Connectors Audio TRS, RJ45,
- Display input/output level adjust



## Technical details

### Inputs

|                     |   |
|---------------------|---|
| Input configuration | Electronically balanced                     |
| Input Impedance     | 10 K $\Omega$                               |
| Input Max Level     | +20 dBm                                     |
| Input Level Range   | -24 ÷ +24 dBm, 1 dB steps                   |
| Connector           | Jack stereo 6,3 (*optional TRS-XLR adapter) |

### 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 $\Omega$                                 |
| 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.                               |