

AEV Broadcast On Air Console *ACUO 908*



ACUO908 is AEV's new console for the Radio Stations, has a modern and very compact design that makes it more suitable for new studios' fashion, also for a easy portability
ACUO908 with eight double switchable channels, designed specifically for broadcast applications. and it's provided with AEV's internal telephone hybrids or connected to any other external: this makes it a perfect and complete console for Radio Stations.

General overview:

- All Balanced inputs and outputs
- Eighth double channel inputs Mixer
 - A/B input control
- 100 mm ALPS Sliders with Digital VCA control
- Four balanced mono Microphone input with phantom power with XLR connectors
- Eighth balanced stereo lines with RJ-45 connectors
- Two Digital AES/EBU input
- Digital Three band tone control all input channels
- Two Telephone opto-coupled hybrid internally integrated with tone control
- Meeting function on telephone hybrid (PGM, UTL, AUX and CUE)
- CUE Bus
- Three independent Balanced Analog Stereo Outputs (PGM, UTL and AUX)
- Two independent Digital AES/EBU Outputs (PGM and UTL)
- Control Room and Studio functions with monitor mode selector
- Control Room out with mute logic
- Internal USB Audio Board for extra versatility connection
- Output opto-coupled ON AIR command
- Totally shielded bus
- Digital TFT display 3,5" for monitoring & setup functions , Digital stereo led meters: PGM& CUE
- Tabletop mount or rackmountable 19

TECHNICAL SPECIFICATIONS
Microphone Inputs

Input configuration	Electronically balanced
Input Impedance	200 Ohm
Sensitivity Level Range	Adjustable from -70 ÷ -40 dBu (Trimmer adj.)
Input Level Range	±12 dBu (Digital adj. step 0,5 dB)
Maximum Input Level	- 30 dBu
Phantom Supply	42 Vdc selectable, with 3k3 c.c. protection
100 mm Fader	VCA Digital controlled
Connector	XLR Female

Line Inputs

Input configuration	Electronically balanced
Input Impedance	10 K Ohm (600 Ohm wired selectable)
Input Level Range	±12 dBu (Digital adj. step 0,5 dB)
Headroom	+ 18 dBu
100 mm Fader control	VCA Digital controlled
Connector	RJ-45

Digital inputs

Input configuration	AES/EBU, IEC958,S/PDIF & EIAJ CP340/1201 Professional and consumer
Sample Rate	Automatic 32, 44.1, 48, 96 KHz converter
100 mm Fader control	VCA Digital controlled
Connector	RJ-45

Telephone Hybrid

Input configuration	Opto-coupled
Input impedance	600 Ohm Bal
Line Compensation	Automatically (max 5 Km)
Tx Level	0 or + 3 dBu dip switch selectable
Rx Level Range	±12 dBu (Digital adj. step 0,5 dB)
Frequency response	300 Hz ÷ 3400 Hz (-2 dB) 300 Hz ÷ 3400 Hz (-1.5 dB)
Distortion	< 1.5 %
Noise	-60 dB.

Analog Outputs

Output configuration	Electronically balanced
Output Impedance	100 Ohm
PGM/UTL Output Level Range	-2 ÷ +13 dBu (1 dB step dip switch selectable)
Connector	XLR male
AUX Output Level Range	0 dBu fixed
Connector	RJ-45
C Room Mut.Output Lev.	- 2 ÷ +12 dBu
Connector	RJ-45

Digital Outputs

Output configuration	AES/EBU, IEC958,S/PDIF & EIAJ CP340/1201 Professional and consumer
Sample Rate	Automatic 32, 44.1, 48, 96 KHz converter
Connector	RJ-45

Headphones

configuration Type	(C.Room no Muted) Stereo unbalanced
Output Impedance	50 Ohm
Connector	JACK 6,3 mm

Logic I/O

Configuration	Optic solid state relay
Max Voltage	50 Vdc/ac
Max Current	100 mA

Connector	DSUB 9 pole female
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USB Port

USB 2.0 interface

Dimensions

440 x 310 x 40 mm (L x P x H)