



Broadcast Equipments

AEV Broadcast

More of 30 years of experience for professional audio equipments,
with passion in progress again of the past !



ACUO 908

ACUO 908 the new series for the On Air broadcast consoles !

A modern, compact design, in line with the latest trends in design, together with a careful and ergonomic study make it the new benchmark in the industry with an incomparable versatility, it can be used easily even in the case of outdoor operation

ACUO908 with eighth 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

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 and mute logic

Two Internal USB Audio Board for extra versatility connection

Output opto-coupled ON AIR command

Remote Fader function with dedicated connector RJ45 for easy installation

Totally shielded bus

Digital TFT display 4,3" Wide for monitoring & setup functions , digital led meters:

PGM & SELECT

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 1,0 dB)
Maximum Input Level	-30 dBu
Phantom Supply	48 Vdc selectable, with 3k3 o.c. protection
Fader	100 mm, 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 1,0 dB)
Headroom	+18 dBu
Fader	100 mm, control VCA Digital controlled
Connector	RJ-45

Digital inputs

Input configuration	AES/EBU, IEC958, S/PDIF & EIAJ CP340/1201
Sample Rate	Automatic 32, 44.1, 48, 96 KHz converter
Fader	100 mm, 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	±12 dBu (Digital adj. step 0,5 dB)
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 Output Level	-12 ÷ +12 dBu (1 dB step selectable)
Connector	XLR male
UTL Output Level	0 dBu fixed
Connector	XLR Male
AUX Output Level	0 dBu fixed
Connector	RJ-45
C.Room Mut. Output	-12 ÷ +12 dBu
Connector	RJ-45
C.Studio Output	0 dBu fixed
Connector	RJ-45

Digital Outputs PGM/UTL

Output configuration	AES/EBU, IEC958, S/PDIF & EIAJ CP340/1201 Professional & 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 15 pole female

USB Port

Dimensions	USB 2.0 interface 460 x 350 x 44 mm (L x D x H)
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