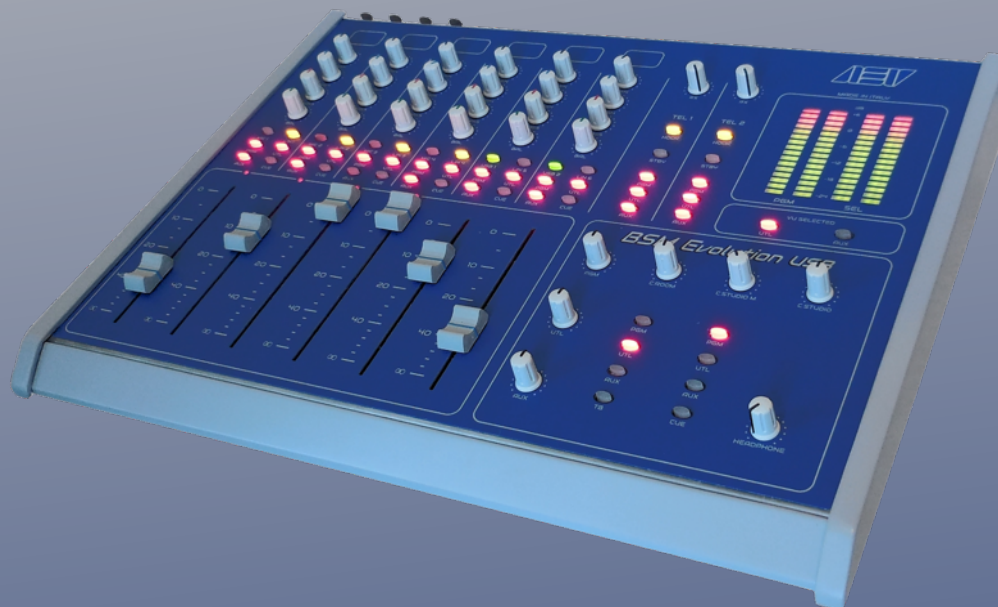


# BSM Evolution

On Air compact broadcast console



Broadcast analog audio console  
6 double-channels  
Four Microphone inputs  
Six stereo line inputs  
Two USB audio inputs  
Two telephone hybrids

Outputs master: PGM, UTL & AUX  
Auxiliary outputs: Control Room,  
C. Studio and Headphone.  
External controls  
GPO Opto-isolated logic outputs  
Double Redundant PWS





Head/Logic & PWS

USB

Master Outputs

Aux Out

Line Inputs

Microphone Inputs

## TECHNICAL SPECIFICATIONS

### Microphone Inputs

Input configuration	Electronically balanced
Input Impedance	200 $\Omega$
Sensitivity Level Range	Adjustable from -70 ÷ -40 dBu (Trimmer adj.)
Input Level Range	$\pm 12$ dBu
Maximum Input Level	- 30 dBu
Phantom Supply	48 Vdc selectable
Fader	100 mm
Connector	XLR Female

### Line Inputs

Input configuration	unbalanced
Input Impedance	10 K $\Omega$
Input Level Range	$\pm 12$ dBu
Headroom	+ 18 dBu
Fader control	100 mm
Connector	pins RCA

### Telephone Hybrid

Input configuration	Opto-coupled
Input impedance	600 $\Omega$ Bal
Line Compensation	Automatically (max 5 Km)
Rx Level Range	$\pm 12$ dBu
Frequency response	300 Hz ÷ 3400 Hz (-2 dB) ; 300 Hz ÷ 3400 Hz (-1.5 dB)
Distortion	< 1.5 %
Noise	-60 dB.

### Analog Outputs

PGM Output configuration	Electronically balanced
Output Impedance	100 $\Omega$
PGM Output	-12 ÷ +12 dBu
UTL/AUX Output	-12 ÷ +12 dBu
C. Studio & C.Room	- 12 ÷ +12 dBu
C Room Mut.Output	- 12 ÷ +12 dBu
C Studio Output	- 12 ÷ +12 dBu

### Headphones

Output Impedance	50 $\Omega$
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 2 x USB 2.0 interface

Dimensions 484 x 310 x 45 mm Weight: 5 Kg

