

MUSE

16-channel immersive audio preamp processor



DOLBY ATMOS



Control4

CRESTRON

ELAN

U-C

SAVANT

Few surround processing solutions have the capabilities and engineering mastery of the Acurus Muse. The Muse immersive media room processor boasts 112 surround speaker layouts available to choose from, including 52 Dolby Atmos and DTS:X immersive speaker layouts -- up to an amazing 15.1 configured immersive audio media room. Setting up any of these layouts is a snap with an intuitive UI available both on the front panel and via a refreshingly simple-to-use mobile app. System integration and control is simplified through many 3rd party control system solutions supported by the Muse.

From the outside, the Acurus Muse is a stunning product to showcase in any premium media room application. Extremely compact, the Muse stands just 2RU tall but delivers more features and audio purity in its sleek frame than any other media room solution to date.

The Muse is HDMI 2.0b (2.1-ready) and HDCP 2.2 compliant, offering the highest level of HDR support, and with ultra-fast audio format switching, the Muse immersive processor ushers the legendary audio quality of Acurus products into the diverse media room applications found in today's premium connected home. Both 3rd-party room tuning systems as well as Acurus' own room correction technology, ASPEQT, is supported in Muse, so any media room is primed for optimization and unleashing of the breathtaking Acurus sound.

highlights

- 16-channel processor
- 5-year warranty
- HDMI 2.0b (2.1 ready)
- made in the USA
- natively decodes both Dolby Atmos® & DTS:X™
- fully upgradeable

applications

- residential media rooms
- multi-purpose A/V rooms
- light commercial
- marine

extras

- mobile control app
- optional rack kit
- 3rd party control drivers
- TETRA & MONO cables

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specifications

electrical

frequency response	20 - 20kHz \pm 0.1 dB
SNR	>110dB (A-wt)
THD	< 0.02% (20 - 20kHz)

decoding and post processing

Dolby Atmos native decoding	15.1
DTS:X native decoding	11.1
post processing	Dolby Surround Upmixer; DTS Neural:X Upmixer
loudspeaker adjust (I)	delay, polarity, large/small, crossover
loudspeaker adjust (II)	PEQ
loudspeaker adjust (III)	ASPEQT Room Correction System

audio/video

stereo analog inputs	2 x gold-plated RCA L/R unbalanced
digital inputs	2 x coax RCA, 2 x optical
multi-channel analog outputs	12 x balanced XLR + 4 x CAB-20 bal. XLR
digital outputs	1 x coax RCA, 1 x optical
digital video inputs	8 x HDMI 2.0b (2.1 ready), 4k pass-thru
digital video outputs	1 x HDMI 2.0b (2.1 ready), 1x HDMI 2.0b

accessories and documentation

rack ear kit (ARM-3)
owner's manual
ethernet and RS232 protocols
CAB-20
2D/3D CAD files
3 rd party control drivers

control

front-panel display	5" LCD touch-panel
serial	2 x DB9, 2-way control, 2 x USB programming ports
ethernet	1 x ethernet, web interface + TCP/IP control
12v trigger and IR	1 x 3.5mm IN, 2 x 3.5mm OUT, IR remote
charging port	2 x USB 5V, 2A

physical

product dimensions	3.5" x 17" x 15" (8.9cm x 43.2cm x 38.1cm)
product weight	23 lbs. (10.4 kgs)
carton dimensions	18" x 22" x 10" (45.7cm x 55.9cm x 25.4cm)
carton weight	27 lbs. (12.2 kgs)
finish	black satin anodization, laser-etched logo, white chassis

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