

# MUSE

## 12-channel immersive media room processor



Few surround processing solutions have the capabilities and engineering mastery of the Acurus Muse. The Acurus 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 11.1 configured 3D-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 3<sup>rd</sup> party control system solutions supported by the Muse.

From the outside, the 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.

Fully HDMI 2.0b and HDCP 2.2 compliant, offering the highest level of HDR support and with ultra-fast audio format switching, the Acurus Muse Immersive Media Processor ushers the legendary audio quality of Acurus products into the diverse media room applications found in today's premium connected home. Both 3<sup>rd</sup>-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 breathtaking Acurus sound.

### highlights

- 12-channel processor
- 5-year warranty
- HDMI 2.0b/HDCP 2.2 I/O
- made in 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

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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	11.1
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
digital outputs	1 x coax RCA, 1 x optical
digital video inputs	7 x HDMI 2.0b, 4k pass-thru (7 x HDCP 2.2)
digital video outputs	1 x HDMI 2.0b HDCP 2.2, 1x HDMI 1.4

#### accessories and documentation

rack ear kit (ARM-3)
owner's manual
ethernet and RS232 protocols
2D CAD files
3D CAD files
3 <sup>rd</sup> 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" (8.9m 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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