

AQX

System controller

features

- ▶ Dedicated AQ Series analogue controller
- ▶ User configurable for specific AQ Series combinations
- ▶ 2-way stereo operation
- ▶ Advanced limiter design
- ▶ 1U 1.75" (44mm) x 19" (483mm) standard rack unit

applications

- ▶ Control of AQ Series loudspeakers
- ▶ Live and fixed installation use



The AQX is a versatile analogue system controller, housed in a single 1U 1.75" (44mm) x 19" (483mm) standard rack unit, which has been specifically designed to enhance the performance of AQ Series loudspeakers.

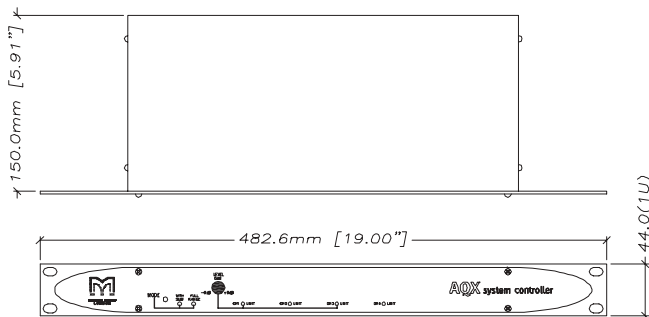
It provides stereo 2-way active crossover functions for integrating AQ5, AQ6, AQ8, AQ10, AQ12 and AQ15 full-range loudspeakers with AQ112, AQ210, AQ212 and AQ215 sub-bass enclosures. The controller also acts as an advanced system limiter to protect AQ Series loudspeakers from accidental damage or premature ageing. Limiter thresholds may be user-selected to cater for a wide range of amplifier topologies.

The AQX's 20K ohm balanced input impedance is suitable for both professional and music industry signal sources, whilst its low 62 ohm output impedance makes it suitable for driving long cables or multiple amplifier inputs in distributed system designs.

technical specifications

INPUTS	2 x XLR3 20k ohms electronically balanced, CMRR 60dB 20Hz – 10kHz
OUTPUTS	4 x XLR3 electronically balanced Max output +20dBu into 600 ohms
FREQUENCY RESPONSE	-3dB @ 18Hz 12dB/octave -3dB @ 45kHz 12dB/octave (ultimately set by system parameters)
SYSTEM PARAMETERS	User configurable for specific AQ Series combinations
LIMITERS	Individual for each channel Ratio 20:1. Threshold range -12dBu to +12dBu in 16 steps
DIMENSIONS	
WIDTH	483mm (19ins)
HEIGHT	44mm (1.75ins) 1U
DEPTH	155mm (6.1ins)
WEIGHT	2.4kg (5.3lbs)

overall dimensions



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