

Blackline M3⁺

Electronic controller

professional

features

- ▶ Dedicated Blackline⁺ Series controller
- ▶ Two-way stereo operation
- ▶ Plug-in Blackline⁺ system-specific card
- ▶ Advanced limiter design
- ▶ 19" 1U standard rackmount

applications

- ▶ Control of Blackline⁺ Series loudspeakers
- ▶ Live and fixed installation use

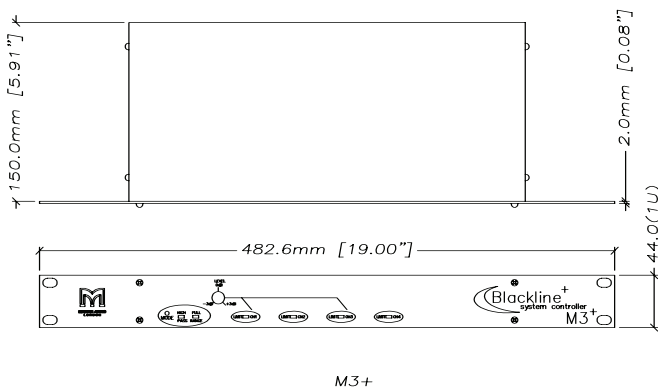


The M3⁺ is a versatile system controller, housed in a single rack unit, which has been specifically designed to enhance the performance of the Blackline range of loudspeakers. The M3⁺ controller provides active crossover, EQ and limiter functions for the bi-amped H3T⁺/H3⁺ as well as various Blackline⁺ sub-bass/full-range combinations.

technical specifications

INPUTS	2 electronically balanced
IMPEDANCE	20K ohms (10K ohms per leg single ended)
CMRR	60dB 20Hz – 10kHz
CONNECTORS	3 pin female XLR
OUTPUTS	4 electronically balanced
SOURCE IMPEDANCE	62 ohms
MIN. LOAD IMPEDANCE	600 ohms
MAX. OUTPUT	+ 20dBu into 600 ohms
CONNECTORS	3 pin male XLR
FREQUENCY RESPONSE	-3dB @ 18Hz 12dB/octave -3dB @ 45kHz 12dB/octave (ultimately set by system parameters)
DISTORTION + NOISE	0.01% THD @ 2V output (limiters cancelled)
SIGNAL + NOISE/NOISE RATIO	> 100dB @ 2V output
LIMITERS	Individual for each channel Ratio 20:1. Threshold range – 12dBu to + 12dBu in 16 steps
MAINS SUPPLY	Captive 2m 3 core cable
MAINS VOLTAGE	Internally selectable by hard wire link 100-120/220-240V. AC, 50/60Hz Voltage tolerance on each setting ± 10%
MAINS FUSE	100-120V and 220-240V: 160mA Type 'T' (L)
DIMENSIONS	(W) 482mm x (H) 44mm x (D) 155mm (W) 19ins x (H) 1.75ins (1U) x (D) 6.1ins
WEIGHT	2.4kg (5.28lbs)

overall dimensions



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