Blackline M3
Electronic controller

features
- Dedicated Blackline Series controller
- 2-way stereo operation
- Plug-in Blackline system-specific cards
- 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 H2 and H3 as well as various Blackline sub-bass/full-range or mid-range combinations. When used in conjunction with the F12, F15 and F215 the M3 controller will enhance the low frequency performance and high quality limiters protect the system from being overdriven.
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overall dimensions

338.9mm [13.34”]
332.6mm [13.09”]
2.0mm [0.08”]
150.0mm [5.91”]
482.6mm [19.00”]
44.0(U)

AC LEAD LENGTH= 1600mm (63”)

www.martin-audio.com
The electronic system controller shall operate as a stereo 2-way device containing crossover, equalisation and limiter circuitry. Crossover frequencies, equalisation and delay parameters shall be set by a plug-in board dedicated to the loudspeaker system under control. All inputs and outputs shall be electronically balanced. The output levels from the unit shall have preset limiters for loudspeaker protection. Outputs 1 and 3 shall include –3dB to +3dB level control and all outputs shall include limit LED indicators. The power supply shall be capable of operating from a 100-120/220-240V 50/60Hz AC mains power source, internally selectable by a hard wire link.

Dimensions (W) 482mm x (H) 44mm (1U) x (D) 155mm (19ins x 1.75ins x 6.1ins). Weight 2.4kg (5.28lbs).

The electronic loudspeaker system controller shall be the Martin Audio M3.

M3 controller cards

- M3-F8 F8 full-range or with S12/S15 sub-bass
- M3-F10 F10 full-range or with S12/S15/S18 sub-bass
- M3-F12-F15 F12/F15 full-range or with S15/S18 sub-bass
- M3-F12-F15SP F12/F15 with S15/S18 sub-bass, fully passive
- M3-F12-F15S2 F12/F15 full-range or with S218 sub-bass
- M3-H3A H3 bi-amp with no sub-bass
- M3-H2A H2 bi-amp with no sub-bass
- M3-H2P H2 passive with S218 sub-bass
- M3-218H2A For use with second M3 controller to run S218 sub-bass with bi-amp H2
- M3-218H3 For use with second M3 controller to run S218 sub-bass with bi-amp H3
- M3-F215 F215 full-range or with S218 sub-bass