

Complex

Problems

Analog $\frac{1}{3}$ octave equalizers need to be versatile enough to handle sound masking as well as sound reinforcement.

A high quality filter set is hard to find on an inexpensive equalizer.

Input / output options must support numerous applications.

Atlas Solutions

EQM131 $\frac{1}{3}$ Octave Graphic Equalizer from Atlas Sound

- Low noise floor, wide dynamic range and all metal construction makes the EQM131 a perfect choice for any application requiring equalization.
- High performance ISO centered constant Q filters.
- XLR, TRS, and RCA inputs & outputs.



Ask your Atlas Representative for details and discover how the simple solution is the Atlas Solution!



VARIZONE
DIGITAL PUBLIC ADDRESS SYSTEM

ISO9001
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EQM131

The Atlas Sound 1 RU EQM131 is easily connected to any system via rear panel balanced TRS and XLR jacks. Unbalanced RCA connections are also provided for use with -10 dBV equipment. Front panel mounted Low Pass Filter / High Pass Filter (LPF / HPF) and level controls are provided along with a switch for ± 6 dB or ± 12 dB operation as well as 31 sturdy 20 mm filter slide controls. The ISO centered $\frac{1}{3}$ octave bandwidth-constant Q filter design minimizes interaction between filters yet is still wide enough for effective correction curves.

When utilized with the Atlas Sound AA120M mixer amplifier and AA-SMG sound masking module, the EQM131 can be used to create a $\frac{1}{3}$ octave masking spectrum which is fed directly to the AA120M amplifier. Paging or music inputs can receive high frequency shelving equalization for better intelligibility from the AA120M front panel controls. The page / music inputs and masking module output can then be summed without affecting the masking source spectrum equalized by the EQM131.



Filter Type	Input Impedance	Maximum Input Level	Output Impedance	Maximum Output Level	Signal to Noise Level	THD	Frequency Response	Power Requirement	Dimensions (H x W x D)
Constant Q	20 kHz Balanced, 15 kHz Unbalanced	+22 dBm	150 Ω	+22 dBm Balanced, +18 dBm Unbalanced	94 dB	.01%	20 Hz – 20 kHz (± 5 dB)	115V / 230V 50 Hz / 60 Hz	1.75" (4.45 cm) 19" (48.3 cm) 8.5" (21.6 cm)

