

LMS-408

Loudspeaker Management System

DESCRIPTION :

The Ahuja LMS-408 is a loudspeaker management system. 32-bit DSP, 48kHz sampling rate, 24bit AD/DA convertor.

High-cut, low-cut filter types can be selected as Butterworth, Link Witz-Riley, or Bessel with slopes from 6dB to 48dB/Octave.



FEATURES :

- 32-bit DSP, 48kHz sampling rate, 24bit AD/DA convertor.
- Input settings include High-cut, Low-cut, 5 band PEQ, Noise gate, Gain, Mute, Phase and Link adjustment.
- Output settings include Crossover, 7 band PEQ, Gain, Mute, Compressor/Limiter, Phase, Delay and Link adjustment.
- Matrix selection for inputs and outputs each input and output channel name can be chaged.
- High-cut, low-cut filter types can be selected as Butterworth, Link Witz-Riley, or Bessel with slopes from 6dB to 48dB/Octave.
- Compressor/limiter threshold, ratio, attack time and release time can be adjusted continuously for outputs.
- Delay time range is 680ms for output channels.
- Preset settings can be copied for every single channel. Linked channels will have automatic setting adjustment.
- Every input and output channel PEQ curve adjustment graph can be viewed in respective input/output channels.
- Built-in signal generator with Pink noise, White noise and 20 to 20kHz Sine wave.

SPECIFICATIONS :

Frequency Response	20Hz-20,000Hz, -0.3dBu
Signal to Noise Ratio	>105 dBu
THD	<0.008 at 1kHz(0dBu)
Crosstalk	>70dBu
Input	Balanced XLR
Max. Input Level	+15dBu
Impedance	20K/Stereo; 10K/MONO
Output	Balanced XLR
Max. Output Level	+15dBu

Digital Processing	24-bit sigma-delta converters 48kHz sampling rates
Display	Dot matrix screen display
Power Supply	AC: 220-240V 50/60Hz
Protection	AC: Fuse 1 × 2A (T 2A L)
Dimension	W482 × H44 × D210mm
Weight	2.42 kg

Specifications from the official Ahuja catalogue. Issued for customer reference.