SME Model 12 MkII Series V Charisma Audio Mc1a

Measurement Report

DATE Friday, 6 November 2026 at 12:23

INPUT EVO4

MEASUREMENTS

Channel balance	L-R +1.28 dB
Playback RPM	33.32 RPM • -0.04% vs 33 1/3 • Settled min 33.21 RPM • Settled max 33.42 RPM • Span 0.21 RPM
DIN-shaped wow & flutter RMS	0.038%
Raw speed variation	Unweighted RMS ±0.174% • 2-sigma ±0.347%
Raw wow/flutter components	Unweighted wow RMS 0.168% • Unweighted flutter RMS 0.040%
1 kHz Electrical Crosstalk	L→R -24.8 dB • R→L -19.2 dB • Balance 5.57 dB • Avg separation 22.0 dB
Distortion diagnostics	L 0.76% THD • R 0.89% THD • THD L-R -0.13 pp • H2 R 1.3 dB higher • H3 R 2.0 dB higher
Harmonic reliability	Steady during recording. Suitable for setup guidance.
Harmonic profile	L 2nd -42.9 dB • 3rd -53.0 dB • 4th -62.8 dB • 5th -60.8 dB | R 2nd -41.6 dB • 3rd -51.0 dB • 4th -57.2 dB • 5th -57.6 dB
Further investigation	A large L/R difference was observed in crosstalk. Check routing and gain, then repeat the capture. If the difference persists, investigate with General Reference Level and 1 kHz channel suite in Groove Scope Studio, using the matching test records.