ACOUSTIC TEST REPORT

MAVERICK SILENS 2 PROFILE

CHAUVET PROFESSIONAL

Acoustic Test Report

Maverick Silens 2 Profile

Device Information

Make: Chauvet Professional
Model: Maverick Silens 2 Profile
Serial #: 030116150320000196
Software version: 1.0

Testing Environment

The acoustic testing was conducted in a semi-anechoic chamber of The Guangzhou Quality Supervision and Testing Institute located in Shilou Chaotian Industrial Zone, Panyu District, Guangzhou, Guangdong, China.

The following are the environmental specifications during the testing procedure:

Temperature: 23.8 °C (74.8 °F)
Humidity: 60% RH
Indoor noise: <20 dB (A)

The Maverick Silens 2 Profile was placed on the floor of a semi-anechoic chamber, with four microphones (Signals 1–4) placed 1 meter away in all four directions to detect its sound pressure level.

Acoustic test setup for Maverick Silens 2 Profile

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Instrumentation

The following were used in the acoustic testing:

Equipment	Type	Number	Calibration Period
Semi-anechoic chamber	- - -	R40010	2023.05
Noise analyzer	3160-A-042	R40011-2	2020.05
Mechanical thermohygrograph	rd078	TH603A	2020.09
Condenser microphone	4189-A-021	R40011-4	2020.05
Condenser microphone	4189-A-021	R40011-5	2020.05
Condenser microphone	4189-A-021	R40011-6	2020.05
Condenser microphone	4189-A-021	R40011-7	2020.05

Results

The Maverick Silens 2 Profile was measured in seven different scenarios:

1. Unit ON, but no intensity, static
2. Full intensity, static
3. Full intensity, pan and tilt moving
4. Full intensity, pan and tilt static, all other functions moving
5. Full intensity, all functions moving
6. Total Silence Mode: full intensity, pan and tilt moving
7. Total Silence Mode: full intensity, all functions moving

The sound pressure levels are listed in the table below.

Fixture Mode	Sound Pressure Level (dB)
Unit ON (no intensity, static)	30.3
Full intensity (static)	33.8
Full intensity (pan/tilt moving)	38.7
Full intensity (pan/tilt static, all functions moving)	42.0
Full intensity (all functions moving)	42.8
Total Silence Mode: Full intensity (pan/tilt moving)	37.4
Total Silence Mode: Full intensity (all functions moving)	38.8

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