

NOISE TEST		Number: 01	
RELEASE N°:	01	Company:	Coemar
DATE:	07/04/2010	FROM:	Allegri Fabio
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Subject:	Noise Test report Infinity Spot M	EDIT:	Maurizio Castelli

MEASUREMENT CONDITIONS

Measurements have been carried on in working conditions which intended to simulate the standard utilization of the projectors.

Measurement location: Coemar Demo Room.

In the conditions described in the table attached, the equivalent level **Leq**, with weighting network A, for a duration T > 60 s, was recorded.

IDENTIFICATION DATA OF THE INSTRUMENTATION

Model: Amprobe SM-10

Applicable Standard: According to IEC 651 Type 2, ANSI S1.4 Type 2, JISC1502

Resolution: 0.1 dB

MEASUREMENT PROCEDURE

The noise values have been measured holding the microphonic transducer of the integrating noise-meter at the distance of 1 m on the projectors axis, on each side, at the same height of the surface on which they were laying.

- Measure Position P1: distance = 1 m from fixture's "on/off power switch" side
- Measure Position P2: distance = 1 m from fixture's "display" side
- Measure Position P3: distance = 1 m from fixture's right side (front is side with display)
- Measure Position P4: distance = 1 m from fixture's left side (front is side with display)

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TEST RESULTS

Projector: Infinity Spot M				
CONDITION	Leq (T>60sec) P1 in dBA	Leq (T>60sec) P2 in dBA	Leq (T>60sec) P3 in dBA	Leq (T>60sec) P4 in dBA
Lamp off	39.1	38.8	38.9	39.6
Lamp on Shutter open Fan Normal	44.7	42.5	42.8	42.8
Lamp on Shutter open Fan High	50.2	47.5	48.7	49.3
Lamp on Pan/Tilt/Gobo on full/random Fan Normal	-	-	49.8	49.9
Lamp on Pan/Tilt/Gobo on full/random Fan High	-	-	50.2	50.5

TEST CARRIED OUT BY

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