

DECLARATION OF PERFORMANCE
No. 1438/CPD/0329

1. Unique identification code of the product-type:

Loudspeaker for voice alarm systems type CLM-6061VAF, CLM-6061VAF-C

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

CLM-6061VAF, CLM-6061VAF-C

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

FIRE SAFETY

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

*CES Audio Inc.
No. 31-1, Lane 112, Siwei Rd., Banqiao Dist.
New Taipei City 220, Taiwan*

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

SYSTEM 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified Body 1438

*Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej im. Józefa Tuliszkowskiego
Państwowy Instytut Badawczy
Nadwiślańska 213 Street, 05-420 Józefów, POLAND*

performed:

- 1) initial type testing of the product*
- 2) initial inspection of the factory and factory production control*
- 3) continuous surveillance, assessment and approval of the factory production control*

under system:

1

and issued:

Certificate of Conformity No. 1438 / CPD / 0329

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

No.	Essential characteristics of the product	Harmonised Standard	Scope of essential characteristics regarding intended use of product (place „+” or „NPD” or “NA”) **
		EN 54-24:2008	
	Effectiveness in fire		
1	Frequency response limit	4.2	+
2	Reproducibility	5.2	+
3	Rated impedance	5.3	+
4	Horizontal and vertical coverage angles	5.4	+
5	Maximum sound pressure level	5.5	+
	Operational reliability		
6	Durability	4.3	+
7	Construction	4.4	+
8	Marking and data	4.5	+
9	Rated noise power (durability)	5.6	+
10	Enclosure protection	5.18	+
	Stability reliability of operation: heat resistance		
11	Dry heat (operational)	5.7	+
12	Dry heat (endurance)	5.8	NA
13	Cold (operational)	5.9	+
	Lifetime reliability measures: moisture resistance		
14	Damp heat, cyclic (operational)	5.10	+
15	Damp heat, steady state (endurance)	5.11	+
16	Damp heat, cyclic (endurance)	5.12	NA
	Durability reliability of: corrosion resistance		
17	Sulfur dioxide corrosion (endurance)	5.13	+
	Lifetime reliability measures: resistance to shock and vibration		
18	Shock (operational)	5.14	+
19	Impact (operational)	5.15	+
20	Vibration, sinusoidal (operational)	5.16	+
21	Vibration, sinusoidal (endurance)	5.17	+

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Managing Director
Taipei, Nov. 22nd, 2013