

## MANUFACTURER DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU No. 305/2011  
Number DoP\_11

1. Unique Product identification code of the product -type:  
Type A Audio/Visual Alarm: 447-005
2. Type, batch, serial number or any other element allowing identification of the construction product as required by Article 11(4):  
Type A Audio/Visual Alarm: 447-005
3. Intended use of uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
Fire detection and fire alarm systems in and around buildings.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
Numens  
55 Yunhui Road  
Yinzhou District, Ningbo  
Zhejiang, China 315137  
Tel.+86 574 82817218  
E-mail: sales@numens.com
5. Where applicable, name and contact address of the authorized 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 the harmonized standard:  
BRE Global Ltd, Notified Body No. 2831  
performed type testing and initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:  

447-005	2831-CPR-F4774
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8. Declared performance:  
All requirements including all Essential Characteristics and the corresponding performance for the intended use or uses indicated in 3. have been determined as described in the following table.

Essential characteristics	Performance	Harmonized technical specification
Operational reliability: Duration of operation Provision for external conductors Flammability of materials Enclosure protection Access Manufacturer's adjustment On-site adjustment of behaviour Software controlled sounders (when provided)	$\Delta(L_{pA}) \leq 6$ dB Space in enclosure, entry holes and conductor clamping provided Class V-2 / HB75 / 5VB IP21C (Type A) / IP33C (Type B), $\Delta(L_{pA}) \leq 6$ dB, no water ingress / adequate drainage No access to remove parts or make adjustments Special means required Special means required, settings clearly marked Documentation available, modular structure, invalid data not permitted, program deadlock avoided, site specific data in non-volatile memory with two-week retention	EN 54-3: 2014 +A1:2019
Performance parameters under fire condition: Sound pressure level Frequencies and sound patterns Synchronisation (when provided) Performance of voice sounders Voice sounders sequence timing	$L_{pA} \geq 65$ dB(A) $L_{pA} \geq$ declared value at all measured angles Correct as declared by the manufacturer $\Delta T < 0,05$ s $L_{Aeq,T} \leq 10$ dB below $L_{AFmax,T}$ at 15° and 90° angles Attention drawing signal: 2 s to 10 s / Voice message: $\leq 30$ s / Silence periods: 0,25 s to 2 s	
Durability of performance parameters under fire conditions: Temperature resistance: Dry heat (operational) Dry heat (endurance) Cold (operational) Humidity resistance: Damp heat, cyclic (operational) Damp heat, steady-state (endurance) Damp heat, cyclic (endurance) Shock and vibration resistance: Shock (operational) Impact (operational) Vibration (operational) Vibration (endurance) Corrosion resistance:	No false operations, $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB No false operations, $\Delta(L_{pA}) \leq 6$ dB No false operations, $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB No false operations, $\Delta(L_{pA}) \leq 6$ dB No false operations, $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB $\Delta(L_{pA}) \leq 6$ dB no false operations, $\Delta(L_{pA}) \leq 6$ dB	

9. The performance of the product identified in 1. and 2. is in conformity with the declared performance in 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed for and on behalf of the manufacturer by:

Allen Cheng, General Manager  
55 Yunhui, Yinzhou District  
Ningbo, Zhejiang, China 315121

*Cheng Allen*

Signature



02-09-2023