

Declaration of Performance

No.: VES-561-54(T)

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|----|--|---|
| 1. | Unique identification code of the product-type: | VES-561-54(T) |
| 2. | Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): | See product label and marking |
| 3. | Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: | Loudspeaker to be used for personal address, voice alarm and background music. |
| 4. | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): | DNH AS Gruveveien 2-4 3770 Kragerø Norway |
| 5. | Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): | Not relevant |
| 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 harmonized standard: | EN 54-24:2008 Notified testing laboratory Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej. |
| 8. | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: | Not relevant |

9. Declared performance

| Essential characteristics | Performance | Harmonised technical specification |
|--|---|------------------------------------|
| Sensitivity 100Hz-10KHz 1/3 Oct. Pink noise total 1W/4 Meters | 100Hz: 38dB 125Hz: 40dB 160Hz: 47dB 200Hz: 50dB 250Hz: 55dB 315Hz: 60dB 400Hz: 64dB 500Hz: 64dB 630Hz: 63dB 800Hz: 63dB 1KHz: 60dB 1250Hz: 62dB 1600Hz:67dB 2KHz: 67dB 2500Hz: 66dB 3150Hz:67dB 4KHz: 67dB 5KHz: 64dB 6300Hz:62 dB 8KHz: 59dB 10KHz: 57dB | EN 54-24:2008 |
| Weight | 1,1kg | |
| Max/min amb temp | 90 °C / -20°C | |
| IP rating | IP22 | |
| Rated /max power | 6W / 6W | |
| Tappings | 0,5W 1,5W 3W 6W | |
| Voltage | 70V or 100V Line | |
| Horizontal coverage angles (HCA) / Vertical coverage angles (VCA) (÷6dB) | 1 Oct. Pink noise 500Hz 210° 1 Oct. Pink noise 1K Hz 190° 1 Oct. Pink noise 2K Hz 90° 1 Oct. Pink noise 4K Hz 80° | |

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: **Not relevant**

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:

Kenneth Williams - Quality Assurance Manager

Kragerø, Norway 14.10.2013

