



**ELKO
SCHMID**
ELECTRONIC GMBH & Co. KG

DECLARATION OF PERFORMANCE 498058129314-ICS-PN-0004

DoP in accordance with EU-Regulation Nr. 305/2011
Nr. 2014-004/EN

1) PRODUCT TYPE – Unique identification code of the product-type:

EN-Ceiling-Speaker-Serie EN5424 TYPE-A

2) TYPE – batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4):

EN-180FT/EN5424

3) INTENDED USE – or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Inside and outside of buildings installed VOICE ALARM SYSTEMS (SAA)

4) NAME, REGISTERED TRADE NAME – or registered trade mark and contact address of the manufacturer as required under Article 11(5):

ELKO-SCHMID GmbH & Co.KG, GLAUCHAUER STR.30, 08058 ZWICKAU

5) CONTACT ADDRESS – where applicable, name or contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not relevant (see 4)

6) AVCP – system or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

System-1

7) NOTIFIED BODY (hEN) – in case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notifiedbody - EVPU a.s. - performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under System 1 and issued the CE-certificate of conformity.

1293-CPD-0305

8) NOTIFIED BODY (ETA) – in case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

Not relevant (refer to item 7)

9) DECLARED PERFORMANCE:

All requirements, including all the essential features and the corresponding benefits for the intended use or uses proposed in point 3 above were determined as described in the Harmonized mentioned in the table below European standards.

Table 1 — Schedule of tests

Test	Sub-clause	Specimen No(s) a b c d	
		Type A	Type B
Reproducibility (frequency response / sensitivity) fulfilled	5.2	all	All
Rated impedance fulfilled	5.3	1	1
Horizontal and vertical coverage angles fulfilled	5.4	1	1
Maximum sound pressure level fulfilled	5.5	1	1
Rated noise power (durability) fulfilled	5.6	2	2
Dry heat (operational) fulfilled	5.7	3	3
Dry heat (endurance) fulfilled	5.8	-	8
Cold (operational) fulfilled	5.9	3	3
Damp heat, cyclic (operational) fulfilled	5.10	3	3
Damp heat, steady state (endurance) fulfilled	5.11	3	3
Damp heat, cyclic (endurance) fulfilled	5.12	-	9
SO ₂ corrosion (endurance) fulfilled	5.13	4	4
Shock (operational) fulfilled	5.14	5	5
Impact (operational) fulfilled	5.15	6	6
Vibration, sinusoidal (operational) fulfilled	5.16	7	7
Vibration, sinusoidal (endurance) fulfilled	5.17	7	7
Enclosure protection fulfilled	5.18	1, 2	1, 2

^a Where after one of the tests specified in 5.7 to 5.18 the curve obtained differs from the one measured before the test by more than ± 3 dB and differs with the frequency response performance requirement in 4.2, a new specimen shall be used for the next test on the schedule for that specimen. The frequency response shall be first measured as specified in 5.1.5 or, if applicable, 5.1.6.

^b In the interest of test economy, it is permitted to use the same specimen for more than one environmental test. However, it shall be recognized that this will increase the test time and exposes the specimen to a more severe test regime. It should be noted that in the event of failure it may not be possible to identify which test exposure caused the failure.

^c When the same specimen is submitted to more than one environmental test, the frequency response test may be carried out after each individual test or at the end of the group of test. In any case, the result after environmental test(s) shall always be compared with the result obtained during the reproducibility test.

^d It is also permitted that a manufacturer submits a separate specimen for each environmental test. In this case, all the specimens shall be submitted to the reproducibility test (5.2).

10) DECLARATION – 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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

ZWICKAU 01.07.2014


**ELKO
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