



**NOTIFIED BODY No. 1488
INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT**

ul. FILTROWA 1, 00-611 WARSZAWA
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**CERTIFICATE OF CONSTANCY OF PERFORMANCE
1488-CPR-0170/W**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**Loudspeakers ABT-S2010, ABT-S2010E, ABT-S2710,
ABT-S2710E for voice alarm systems**

General identification, intended use, essential characteristics and parameters are described in the Annex No. Z-1488-CPR-0170/W which is an integral part of this certificate

Levels and classes of performance of the product are stated in the Annex No. Z-1488-CPR-0170/W which is an integral part of this certificate

placed on the market under the name or trade mark of:

**Ambient-System Sp. z o.o.
ul. Bysewska 27
80-298 Gdańsk
Poland**

and produced in the manufacturing plant:

48-722

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-24:2008

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 20.07.2011 as a certificate no. 1488-CPD-0170/W (updated on 12.11.2015, 16.06.2016, 22.05.2020) and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 22.05.2020



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Annex No. Z-1488-CPR-0170/W, page 1/1
which is an integral part of the certificate No. 1488-CPR-0170/W

**Loudspeakers ABT-S2010, ABT-S2010E, ABT-S2710,
ABT-S2710E for voice alarm systems**

Essential characteristics and performances of the product acc. to EN 54-24:2008

Essential characteristics and performances	Clause	Levels and/or classes
Performance under fire conditions	4.2	
	5.2	
	5.3	
	5.4	
	5.5	
Operational reliability	4.3	
	4.4	
	4.5	
	5.6	
	5.18	
Durability of operational reliability	5.7	
Temperature resistance	5.9	
Durability of operational reliability	5.10	
Humidity resistance	5.11	
Durability of operational reliability	5.13	
Corrosion resistance		
Durability of operational reliability Impact and vibration resistance	5.14	
	5.15	
	5.16	
	5.17	

Intended use:
Fire safety

Detailed identification, scope and conditions of use:
Test report no. LE-0609/11/Z00NP/03 issued on 08.08.2011

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