



## Constancy of Performance Certificate

LGAi Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

### APPLICANT

Placed on the market under the name of

# Detnov Security, S.L.

C/ De La Ciència, 30  
08840 Viladecans (Barcelona) Spain

### Produced at the manufacturing plant

C/ De La Ciència, 30  
08840 Viladecans (Barcelona) Spain

### PRODUCT

## Fire detection and fire alarm system

□ Fire alarm devices. Sounders

Addressable sounder MAD-472 & MAD-473

### APPLICABLE REGULATION

## Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

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

**EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006**

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

# No. 0370-CPR-2665

**Date issued:** 19/09/2025

**First issue date:** 24/02/2017

**Follow-up date:** before 30/09/2026

The validity of this certificate remains in effect as long as the harmonised standard, the construction product, the AVCP methods, and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.

This document is not valid without its technical annex, whose number coincides with that of the certificate.

**Xavier Ruiz Peña**  
Managing Director  
Conformity Assessment

**Arplus<sup>+</sup>**  
certification

**LGAi Technological Center S.A. (APPLUS)**  
**Notified Body No. 0370**  
Campus UAB. Ronda de la Font del Carme s/n  
08193 Bellaterra, Barcelona (Spain)



Check the status  
of this certificate

# Certificate

# Technical Annex

Annex according to EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006

## Fire detection and fire alarm systems. Part 3: Fire alarm devices. Sounders

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Sound level	4.2.	Pass
Frequency and sound pattern	4.3.	Pass
Durability	4.4.	Pass
Construction	4.5.	Pass Type A
Marking and data	4.6.	Pass
Reproducibility	5.2.	Pass
Operational performance	5.3.	Pass
Durability	5.4.	Pass
Dry heat (operational)	5.5.	Pass
Dry heat (endurance)	5.6.	NA
Cold (operational)	5.7.	Pass
Damp heat, cyclic (operational)	5.8.	Pass
Damp heat, steady state (endurance)	5.9.	Pass
Damp heat, cyclic (endurance)	5.10.	NA
Sulfur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.11.	Pass
Shock (operational)	5.12.	Pass
Impact (operational)	5.13.	Pass
Vibration, sinusoidal (operational)	5.14.	Pass
Vibration, sinusoidal (endurance)	5.15.	Pass
Electromagnetic compatibility (EMC), immunity (operational)	5.16.	Pass
Enclosure protection	5.17.	Pass Type A
Attention drawing signal and message broadcast sequences	C.3.1.	NA
Synchronisation (option with requirements)	C.3.2.	NA
General testing	C.4.	NA
Broadcast message performance	C.5.1.	NA
Attention drawing signal/silence/message sequence timing	C.5.2.	NA
Message synchronization testing (option with requirements)	C.5.3.	NA

PASS; NPD = No Performance Determined; NA = Not Applicable