



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
- Fire alarm devices - Visual alarm devices

Models: SCD-600-CVS-W, SCD-600-WVS-R, SCD-600-WVS-W

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; EN 54-23:2010

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-7601

Date issued: 06/03/2026

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and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.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



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 system. 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 (operational)	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 ₂) 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
Attention drawing signal and message broadcast sequences	C.3.1	NA
Synchronization (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 Apply

Annex according to EN 54-23:2010

Fire detection and fire alarm system. Part 23: Fire alarm devices - Visual alarm devices

Duration of operation	4.2.1	Pass
Provision for external conductors	4.2.2	Pass
Flammability of materials	4.2.3	Pass
Enclosure protection	4.2.4	Pass Type A
Access	4.2.5	Pass
Manufacturer's adjustments	4.2.6	Pass
On-site adjustment of behaviour	4.2.7	NA
Requirements for software controlled devices	4.2.8	Pass
Coverage volume	4.3.1	Pass
Variation of light output	4.3.2	Pass
Minimum and maximum effective luminous intensity	4.3.3	Pass
Light colour	4.3.4	Pass White
Light temporal pattern and frequency of flashing	4.3.5	Pass 0,5 Hz
Marking and data	4.3.6	Pass
Synchronization (option with requirements)	4.3.7	NA
Dry heat (operational)	4.4.1.1	Pass
Dry heat (endurance)	4.4.1.2	NA
Cold (operational)	4.4.1.3	Pass
Damp heat, cyclic (operational)	4.4.2.1	Pass
Damp heat, steady state (endurance)	4.4.2.2	Pass
Damp heat, cyclic (endurance)	4.4.2.3	NA
Shock (operational)	4.4.3.1	Pass
Impact (operational)	4.4.3.2	Pass
Vibration, sinusoidal (operational)	4.4.3.3	Pass
Vibration, sinusoidal (endurance)	4.4.3.4	Pass
Sulphur dioxide (SO ₂) corrosion (endurance)	4.4.4	Pass
Electromagnetic Compatibility (EMC), Immunity tests (operational)	4.4.5	Pass

PASS; NPD = No Performance Determined, NA = Not Apply

Certified tones:

Tone	Frequency (Hz)	Pattern
#1	800 -1000 Hz every 500ms (2Hz)	LF Sweep (Crandford tone)
#3	800Hz for 500ms, then 1000 Hz for 500ms	Warble tone
#11	500-1200Hz for 3500ms, then off for 500ms	Slow Whoop (Dutch)
#21	970Hz continuous tone	Continuous tone
#25	1200-500Hz swept every 1000ms (1Hz)	German DIN Tone

Certified VAD settings:

Models	Coverage volume	Flash pattern
MAD-600-CVS-I-W MAD-600-CVS-I-B,	C-3-9	0,5 Hz
MAD-600-WVS-I-R MAD-600-WVS-I-W	W-5-5	