



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-3261**

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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:

FIRE DETECTION AND FIRE ALARM SYSTEMS:

- **PART 16:** VOICE ALARM CONTROL AND INDICATING EQUIPMENT
MODEL: **NEO 8060 + (NEO 8250E, NEO 4250E, NEO 4500E o NEO 4500LE)**

Place on the market under the name of:

LDA AUDIO VIDEO PROFESIONAL, S.L.

C/ SEVERO OCHOA, 31 – PARQUE TECNOLÓGICO ANDALUCÍA
25590 MÁLAGA (ESPAÑA)

And produced in the manufacturing plant:

C/ SEVERO OCHOA, 31 – PARQUE TECNOLÓGICO ANDALUCÍA
25590 MÁLAGA (ESPAÑA)

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

EN 54-16:2008

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 1st March 2019 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed on 20th September 2019.

The monitoring assessment will be done before January 2021

Bellaterra, 20th September 2019


Applus⁺
LGAI Technological Center, S.A.
Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



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

TECHNICAL ANNEX 0370-CPR-3261

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Annexes according to **EN 54-16:2008**

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
General Requirements	4.	PASS
General Requirements For Indications	5.	PASS
The Quiescent Condition	6.	PASS
Reception and processing of fire signals	7.1	PASS
Indication of the voice alarm condition	7.2	PASS
Audible warning (option with requirements)	7.3	PASS
Delays to entering the voice alarm condition (option with requirements)	7.4	NPD
Phased evacuation (option with requirements)	7.5	PASS
Silencing of the voice alarm condition	7.6	PASS
Reset of the voice alarm condition	7.7	PASS
Output to fire alarm devices (option with requirements)	7.8	NPD
Voice alarm condition output (option with requirements)	7.9	PASS
Fault Warning Conditions	8.	PASS
Disabled Condition	9.	PASS
Voice Alarm Manual Control	10.	PASS
Interface to External Control Device(s)	11.	PASS
Emergency Microphone(s)	12.	PASS
Design Requirements	13.	PASS
Additional Design Requirements for Software Controlled VACIE	14.	PASS
Output Power	16.4	PASS
Signal-to-noise Ratio	16.5	PASS
Frequency Response of VACIE Without Microphone(s)	16.6	PASS
Frequency Response of VACIE With Microphone(s)	16.7	PASS
Cold (Operational)	16.8	PASS
Damp, Heat, Steady State (Operational)	16.9	PASS
Damp, Heat, Steady State (Endurance)	16.10	PASS
Impact (Operational)	16.11	PASS
Vibration, Sinusoidal (Operational)	16.12	PASS
Vibration, Sinusoidal (Endurance)	16.13	PASS
Supply Voltage Variation (Operational)	16.14	PASS
Electromagnetic Compatibility (EMC), Immunity tests (Operational)	16.15	PASS

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



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Other technical data	
Voltage	110-120 / 220-240 V
Frequency response	50-60 Hz
Power	550 W
Analog audio inputs	5
It allows 8 remote devices in its ACSI bus, either microphones MPS-8Z or voice alarm panels VAP1	
Product NEO8060 + NEO8250E	
Power	900 W
Power amplifier Channels	8 of class D with 250 W Channels at 100V/70V
Product NEO8060 + NEO4250E	
Power	900 W
Power amplifier Channels	4 of class D with 250 W or 2 of 500W Channels at 100V/70V
Product NEO8060 + NEO4500E	
Power	900 W
Power amplifier Channels	4 of class D with 500 W or 2 of 1000W Channels at 100V/70V
Product NEO8060 + NEO4500LE	
Power	900 W
Power amplifier Channels	4 of class D with 500 W. Channels with low impedance, 4 ohms.

All Essential requirements and Implemented Options described in this certificate have been determined in combination of the NEO8250E, NEO4250E, NEO4500E and NEO4500LE equipment with the NEO8060 base equipment.

