



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

LDA AudioTech S.L.

C/ Severo Ochoa, 31 – Parque Tecnológico Andalucía
25590 Málaga (España)

Produced at the manufacturing plant

C/ Severo Ochoa, 31 – Parque Tecnológico Andalucía
25590 Málaga (España)

PRODUCT

Fire detection and fire alarm system

- Voice alarm control and indicating equipment

Models: LDANE08060S02 / LDANE08060S03

Brand: LDA AudioTech

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 standard:

EN 54-16:2008

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-3260

Date issued: 12/12/2025

First issue date: 01/03/2019

Follow-up date: before 31/01/2027

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and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.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

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Technical Annex

Annex according to EN 54-16:2008

Fire detection and fire alarm system. Part 16: voice alarm control and indicating equipment

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

Other technical data	
NEO8060 with microphones AC07003	
Voltage	110-120 / 220-240 V
Frequency	50-60 Hz
AC Power Consumption	550 W
Analog audio inputs	5
Power amplifier Channels	8 amplifiers class D up to 120W per channel at 100V/70V
Line finisher EOL-1 and EOL-2	End of line devices for speaker lines
ETX module	Communications card
Voice Alarm Panels FP-AC, DIN-FPAC	Up to 32 remote devices in NEO ACSI bus
Multipaging Microphones MCS-8B, MCS8B+,MCS-8BE, MCS-8BE+	Up to 32 remote devices in NEO ACSI bus
VAS Cloud UNiTY secured gateway	LDAVASCL, LDAVASCT
MIXO Input/Output device	LDANEXOS02
Ethernet Switch	Switch with SFP module EQ242911/12
Ethernet Media Converter	Fiber converter with SFP module EQ201036