



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 1998

In compliance with Regulation (EU) No. 305/2011 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

### LOADSPEAKERS FOR FIRE DETECTION AND FIRE ALARM SYSTEMS

Trademark: **PROEL**  
Model: **AH50T – AP50T – AP52T**

Other information: **See ANNEX**

Produced by:  
**PROEL S.p.A.**  
**Via alla Ruenia, 37/43**  
**64027 Sant'Omero (TE)**

In the manufacturing plant(s):  
**PI.U0002B**

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(s)

### EN 54-24:2008

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

This certificate cancels and replaces the certificate having the same number and issued on 2020-04-06 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized 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

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ING. V. BAGGIO  
CPR TECHNICAL DIRECTOR

Milan, 2020-12-21

This certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.  
IMQ S.p.A. Identification Number is: 0051.

## ANNEX

### 0051–CPR–1998

AH50T is an indoor/outdoor hanging speaker with aluminum enclosure dimension: 140 x 140 x 195 mm (W x H x D) with IP 55 degree of protection.

AP50T is an indoor/outdoor sound projector with aluminum enclosure dimension: 140 x 140 x 195 (W x H x D) with IP 55 degree of protection.

Both of the loudspeakers have:

- 1 woofer 127 mm (5")
- 1 transformer 70 / 100 V

AP52T is an indoor/outdoor bi-directional sound projector with aluminum enclosure dimensions: 140 x 185 x 200 (W x H x D) with IP55 degree of protection, containing:

- 2 woofer 127 mm (5")
- 1 transformer 70 / 100 V

#### Technical Characteristics

| Model | Rated noise power (W) | Rated impedance ( $\Omega$ )       | Maximum SPL at rated noise power (dB) | Sensibility SPL 1 W / 4m (dB) |
|-------|-----------------------|------------------------------------|---------------------------------------|-------------------------------|
| AH50T | 20 W                  | 500 / 1K / 2 k $\Omega$ @ 70 /100V | 87.3 dB                               | 75.0 dB                       |
| AP50T | 20 W                  | 500 / 1K / 2 k $\Omega$ @ 70 /100V | 87.3 dB                               | 75.3 dB                       |
| AP52T | 20 W                  | 500 / 1K / 2 k $\Omega$ @ 70 /100V | 84.8 dB                               | 72.7 dB                       |

- Destination for use: Type B (for external);