



## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**0051 – CPR – 0514**

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

### **VOICE ALARM CONTROL AND INDICATING EQUIPMENT WITH INTEGRATED POWER SUPPLY EQUIPMENT**

Trademark: **PROEL**

Model: **AE300**

Other information: **see ANNEX**

Produced by:

**PROEL S.p.A.**

Via Alla Ruenia, 37/43

64027 Sant'Omero (TE), Italy

In the manufacturing plant(s):

**PI.V0008I**

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 54-16:2008**

**EN 54-4:1997 + A1:2002 + A2:2006**

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 2019-09-19 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, 2021-12-15

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

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#### Configuration:

The product consists in a metal cabinet (dimensions: 442 x 490 x 177 mm) with IP30 degree of protection, incorporating:

- No. 1 Mains transformer trademark MAGTOP type TTA1-380;
- No. 1 Mainboard CPU;
- No. 1 Power supply board;
- No. 2 Power amplifier board;
- No. 1 Audio transformer trademark MAGTOP type TUK1-300;
- No. 1 User Interface board;
- No. 1 Audio Speaker trademark PUI AUDIO Inc. type AS06608PS-2-R (8  $\Omega$ , 0.5 W);
- No. 1 Audio Microphones;
- No. 4 Allocable batteries 12 V – 7.2 A.

#### Technical Characteristics

- Number of zone: 1
- Hardware identification (U10 – board VA301MB): NXP – LPC1788;
- Firmware identification: 02.00

#### List of optional functions with requirements (EN 54-16)

- 7.6.2 Manual silencing of the voice alarm condition
- 7.9 Voice alarm condition output
- 8.4 Indication of faults related to voice alarm zones
- 9 Disablement condition
- 10 Voice alarm manual control
- 12 Emergency microphone(s)
- 13.14 Redundant power amplifiers