

USER MANUAL

**ALARM**

**AL-3**



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Elaborated and approved in Revision 2 - 11/2022 by the Quality Department. Consists of 12 pages.

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## WARNINGS

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Read carefully the user manual before commissioning or operating.

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- Under no circumstances should any component of the device be manipulated, since there is a risk of electrocution or irreversible damage.
- Devices must be protected from vibration, against the risk of mechanical impact and direct exposure to sunlight.
- Do not submerge the device in water or other liquid under any circumstances.
- A bad connection can result in a fault in both the module and associated equipment.
- Note that the failure to observe these basic precautions can lead to equipment malfunction, the manufacturer is not liable.

## WARRANTY

- Warranty three (3) years is given by C.A.E., S.L., manufacturer of FIDEGAS®, against any manufacturing defect from the date of purchase and cease to be effective if this equipment is not installed, used and maintained according to the guidelines stated in the User Manual.
- This warranty becomes void in cases where it is found that:
  - a) The equipment has been repaired, tampered with or external accessories have been added, with the involvement of people outside our Authorized Service Center.
  - b) It has suffered any impact or damage.
  - c) The serial number has been altered or modified and does not match with our records.
- C.A.E., S.L., manufacturer of FIDEGAS®, is not liable for damages that may arise as result of misuse of the equipment.
- All the necessary efforts have been made to ensure the accuracy of the information provided in this document. However, C.A.E., S.L., manufacturer of FIDEGAS®, reserves the right to make improvements or modifications to this equipment without prior notice.
- Any failure to follow these instructions automatically voids the warranty and the expenses are responsibility of the user.

## QUALITY CONTROL



This product is designed, manufactured and commercialised under the honesty of the after-sales service, controlled within a Quality Management System certified according to ISO 9001:2015 and audited by AENOR.

## SUPPORTED PRODUCTS

- Ref. CA Control Units
- Ref. C/ND Control Units
- Ref. CS4 Control Units
- Domestic Detectors

## GENERAL

AL-3 alarm is an auxiliary device for optical and acoustic indication of gas alarms. The AL-3 alarm is perfect to be used as alarm warning sound in commercial, residential and industrial facilities. It is light, aesthetically pleasing and similar to other devices such as call buttons, etc.

- Low current consumption
- Protection against handling and lid opening.
- Easy installation (1 fixing screw for the cover).
- Vertical or horizontal assembly.



Use only external power supplies limited current. It is recommended to limit to 5A.

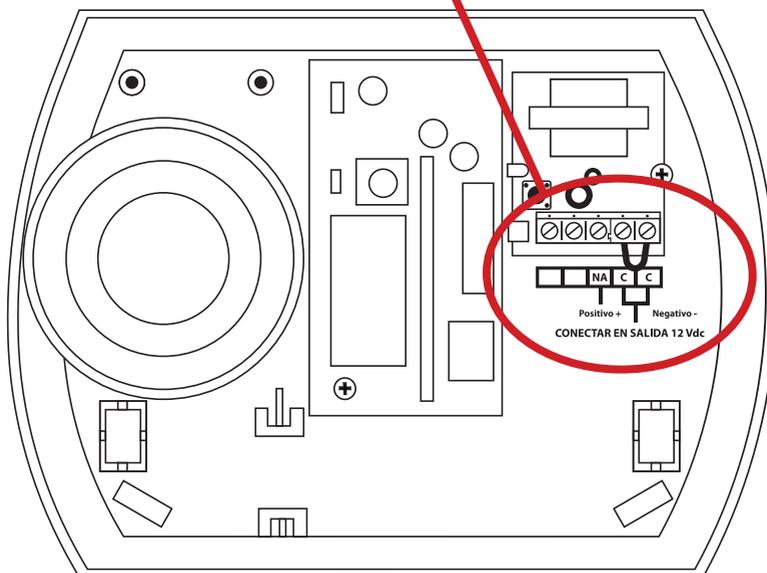
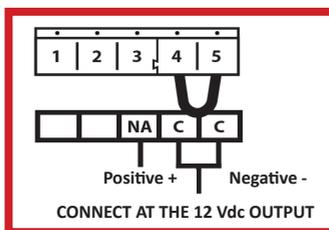
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## 2. CONNECTIONS

### 2.1 12 Vdc version

Terminals:

- 1,2 : Protection against handling and lid opening.
- 3 : + 12Vdc
- 4 : Negative (- Speaker)
- 5 : Negative (- Beacon)

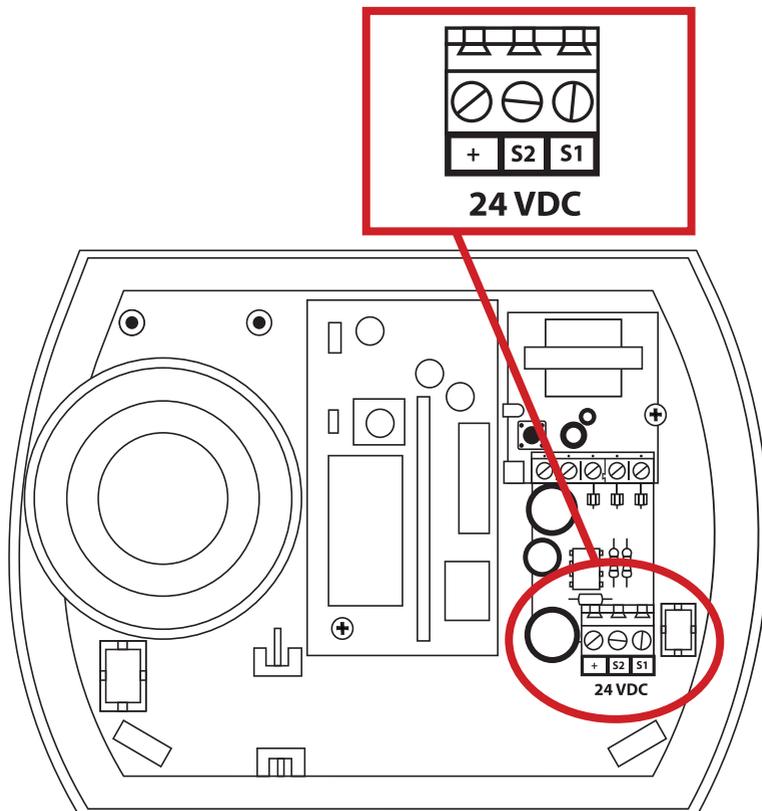


The beacon uses high voltage. To avoid personal injury or death from electrocution, do not touch bare wires and beacon electronics before the energy discharges.

## 2.2 24 Vdc version

Terminals:

- + : + 24 Vdc
- S1 : Negative (only Beacon)
- S1 and S2 shortcircuit = Negative ( Beacon + Speaker)



The beacon uses high voltage. To avoid personal injury or death from electrocution, do not touch bare wires and beacon electronics before the energy discharges.

## TECHNICAL CHARACTERISTICS

Supply Voltage	12 Vdc / 24 Vdc
Consumption	110 mA
Sound Output	104 dB at 1m
Sound Frequency	2500 to 3000 Hz
Light Output	100 000 peak lumenes
Flash Output	1 Hz
IP rating (with sealed cable entry)	IP315
Temperature and Humidity	-25 to 55 °C / 93 % max.
Serial N°	C C C C : Product code A A M M : Year and month of manufacture X X X X : Number of manufactured
Size	155 x 114 x 44 mm
Weight	225 gr

**MANUFACTURER:** Comercial de Aplicaciones Electrónicas S.L.

**ADDRESS:** Paseo Ubarburu 12 - 20014 San Sebastián - Spain

**PRODUCT DESCRIPTION:**

**Acoustic optical alarm Ref. AL-3:**

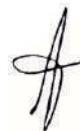
The product above mentioned is declared, under our responsibility, in accordance with the following European directives requirements:

1. **Directive LVD 2014/35/EU** Relating to the making available on the market of electrical equipment designed for use within certain voltage limits, replacing the previous Directive 2006/95/EC (DOCE 29/03/2014) - Serie L, nº 96/357).
2. **Directive EMC 2014/30/EU** Relating to electromagnetic compatibility, replacing the previous Directive 2004/108/CE (DOCE 29/03/2014 - Serie L, nº 96/379).
3. **Directive 2011/65/UE** Restriction of the use of certain hazardous substances in electrical and electronic equipment.
4. **Directive 93/68/EEC** CE Marking

This conformity is assumed in reference with the following harmonised standards:

- **EN 50130-4:2011** Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems.
- **EN 61000-6-3:2007+A1:2011** Electromagnetic compatibility (EMC) -- Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.
- **EN 60950-1/A12:2011** Information technology equipment - Safety -- Part 1: General requirements.
- **EN 50581:2012** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

In San Sebastián:

A handwritten signature in black ink, appearing to be 'Julio Bouzas Fuentetaja'.

JULIO BOUZAS FUENTETAJA  
GERENTE





#### Respectful and Solidarity with the Environment

This product complies with the European Directive 2012/19/UE WEEE, transposed to the Spanish legislation through RD 110/2015 WEEE (Waste of Electrical and Electronic Equipment). The Directive provides the general framework valid throughout the field of the European Union for the removal and reuse of waste from electrical and electronic equipment. Do not throw this product in the trash at the end of its life, take it to your FIDEGAS® distributor or to the collection points authorized by the town halls.

OFFICIAL DISTRIBUTOR



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EXPERTS IN GAS DETECTION