

OPERATION MANUAL

Metal Enclosure for 30-Watt Outdoor Siren

Model: AV GMX001



Intended use: Sheet-steel enclosure designed to house a 30-watt outdoor siren, model SD30W.

Important: This manual was prepared exclusively from the information available in the provided technical data sheet. The data sheet does not specify electrical connections, wire gauges, wall-mounting hardware, or programming procedures.

Basic Operation and Installation Manual - English

1. General Description

The AV GMX001 is a metal enclosure made of sheet steel. It is intended to protect and house a 30-watt outdoor siren, specifically the SD30W model indicated in the technical data sheet. Its construction makes it resistant and suitable for outdoor installations, subject to the location recommendations provided in this manual.

2. Identification and Specifications

Product	Metal enclosure for 30 W outdoor siren
Model	AV GMX001
Specified siren	SD30W, 30 watts
Material	Sheet steel
Cover	Detachable outer cover
Dimensions (Height x Width x Depth)	23 x 27 x 17 cm
Application	Outdoor installation, avoiding direct exposure to water jets

3. Enclosure Features and Provisions

- Provision for installing two tamper switches (not included).
- One tamper switch may be used to detect opening of the cover.
- The second tamper switch may be used to detect removal of the enclosure from the wall.
- The cover is secured with two screws.
- Includes openings for routing wiring out of the enclosure.

Tamper note: The technical data sheet indicates mechanical provisions for two tamper switches, but does not provide a wiring diagram or programming parameters.

4. Recommended Installation

Safety: Installation must be performed by a trained professional.

1. Select a suitable outdoor location. Avoid locations directly exposed to water jets.
2. Orient the enclosure so that the grille side faces downward; this helps reduce particle accumulation.
3. Remove the detachable outer cover to access the inside of the enclosure.
4. Place the 30-watt SD30W siren inside the enclosure according to the available mechanical arrangement.
5. Route the wiring through the openings provided in the enclosure.
6. If the system will use tamper protection, install the corresponding switches in the available provisions: one for cover opening and one for enclosure removal from the wall.
7. Secure the enclosure to the wall using a method appropriate for the mounting surface. The technical data sheet does not specify the type of anchors or mounting hardware.
8. Reinstall the cover and secure it with the two screws indicated in the technical data sheet.
9. Verify that all screws are properly tightened and that the grille remains oriented downward.

5. Operation

The AV GMX001 is a protective enclosure and does not include electrical operating functions described in the technical data sheet. Once installed, its function is to physically house and protect the siren, allow wiring to pass through, and support the installation of optional tamper protection.

Electrical connection: Refer to the documentation for the SD30W siren and the alarm system for wiring, power, supervision, and programming. This information is not included in the AV GMX001 enclosure technical data sheet.

6. Preventive Maintenance

- Periodically check that the enclosure screws are properly tightened.
- Establish a maintenance plan to remove excess dust and dirt.
- Keep the grille unobstructed and maintain its downward orientation.
- Avoid exposing the enclosure and siren to direct water jets.
- During each inspection, confirm that the cover is properly closed.

7. Basic Troubleshooting

Observed condition	Suggested check
Loose or moving cover	Check and tighten the two cover screws.
Dust or dirt accumulation	Perform preventive cleaning and check that the grille is facing downward.
Enclosure exposed to water jets	Consider a location that avoids such exposure, in accordance with the technical data sheet recommendation.
Unexpected tamper event	Check the mechanical installation of the tamper switches. For wiring or programming, refer to the documentation for the corresponding system.

8. Final Recommendations

- Keep the enclosure properly closed during normal use.
- Do not skip periodic screw inspections and cleaning.
- For any electrical work on the siren or alarm system, use the specific documentation for those devices.

Source reference: Manual prepared from the technical data sheet “Metal Enclosure for 30-Watt Outdoor Siren - Model AV GMX001”.