

## TECHNICAL FEATURES SIR 027

|                   |   |   |                          |
|-------------------|---|---|--------------------------|
| Power supply      | : | <b>12 V</b>                             | (nominal value)          |
| Power consumption | : | <b>3 mA</b>                             | (with engine turned off) |
|                   | : | <b>2 mA</b>                             | (with engine turned on)  |
| Temperature range | : | from - 20° C to + 85° C                 |                          |
| Protection        | : | <b>IP 55</b> (IEC 529 1989 - DIN 40050) |                          |

### WORKING ORDER

The **SIR 027** is for the new "intelligent" units with a central alarm in the series **med 2000**. This is fitted with a microprocessor to dialogue with the central alarm to constantly exchange information and also for optimal management of all the functions including the AUTO DIAGNOSIS. The exchange of data between the microprocessor is digitally CODIFIED in order to further increase the SECURITY of the equipment. From the central alarm the alarm sound can be personalised during the ringing of an alarm. The circuit has been designed to limit the power consumption. The internal battery is only charged when the engine is turned on and when an outside temperature is higher than 0°C. This is in order to save the internal Alkaline-Cadmium battery. An internal sensor constantly verifies the battery charge of the vehicle. If the event of a slow and progressive charge (e.g. when the light remains on) the **SIR 027** is deactivated automatically. In the event that the cables to the system are cut the alarm sirens rings for a maximum of 10 cycles (Directive 95/56). The **SIR 027** has a BUZZER to supply the service signal to the central unit.

### MAINTENANCE

No specific maintenance is required.

**CAUTION!!** when cleaning the engine it is important to adequately protect the siren.

### GUARANTEE

The TECHNICAL GUARANTEE is for one year from the date of installation with ex-works terms for those defective parts, but subject to the incontestable decision of **med**.

Under this form of cover the guarantee DOES NOT INCLUDE costs for labour and any other type of obligation.

The guarantee is only applicable for equipment for which we have received the appropriate INSTALLATION CARD properly filled in. For the **SIR 027**, use the **med** CENTRAL GUARANTEE CARD supplied with a bar code label with the serial number.

### IMPORTANT!!

**med s.p.a.** is NOT RESPONSIBLE and the GUARANTEE is void in the event of inappropriate use of the equipment or parts thereof tampering with or connected to unsuitable equipment.



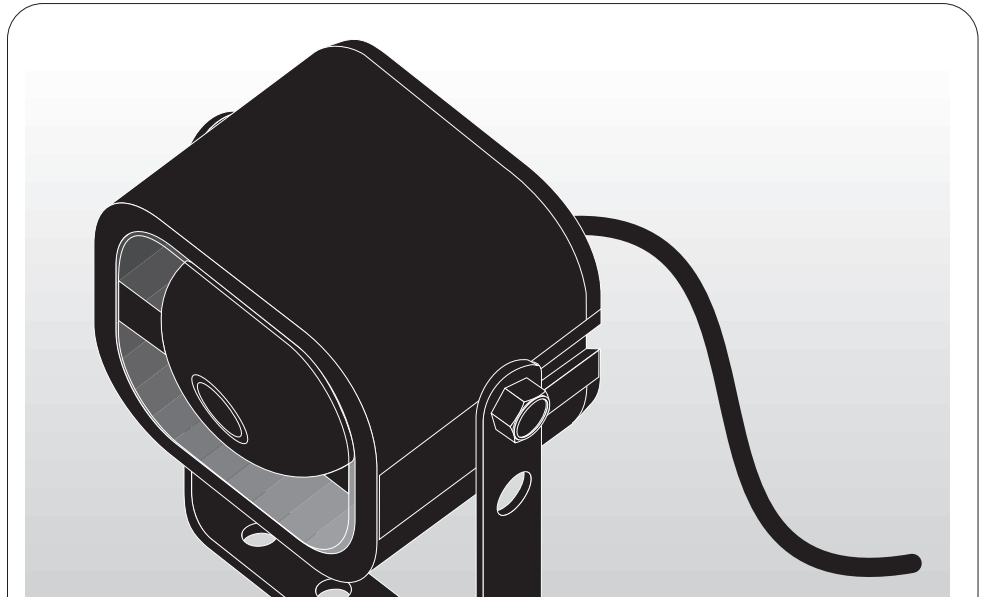
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Cod. 082.316.262 01/98



082316262



Siren

# SIR 027

AUTO-POWER SUPPLIED ELECTRONIC SIRENS DIGITALLY CONTROLLED WITH INTERNAL BUZZER - 12 V

#### List of parts in the pack:

- **SIR 027** siren
- Assembly instructions
- Assembly accessories bag **SAC 027**

assembly instructions

## AUTO-POWER SUPPLIED ELECTRONIC SIREN

### Legend

- |                                    |                            |
|------------------------------------|----------------------------|
| 1. <b>SIR 027</b> siren            | 6. Special screws          |
| 2. <b>med</b> central command unit | 7. Self locking fixing nut |
| 3. <b>med</b> four pole connection | 8. Support bracket         |
| 4. <b>SIR 027</b> connection cable | 9. Self tapping screws     |
| 5. Siren fixing slot               |                            |

1. Locate the ideal place to connect the sirens making sure that the sound has access to the externality of the vehicle. The loudability of the sound should not be reduced by such things as sound absorbing material, protective plastics etc . . .

**CAUTION: Avoid mounting the siren near heat intensive areas (discharge manifold, turbo compartment etc...) areas protected from constant liquid sprays, but with the horn pointing downwards: figure D.**

2. Fix the support bracket **8** to the body of the vehicle by means of the supplied self tapping screws **9**: figure **A**.
3. Insert the two special screws **6** and the relevant nuts **7** in the support bracket **8** WITHOUT fastening.
4. Insert the siren **1** in the fixing slot **5** on the special screws **6**: figures **B - C**.
5. Position the siren horn downwards in order to prevent any accumulation of liquids in the horn which may damage it: figure **D**.
6. Lock the siren **1** in position by TIGHTENING the fixing nuts **7**.
7. Lay and fix cable **4** in the best position to connect to the command exchange. Avoid hot parts and parts which can damage the cable itself or the connector.
8. To carry out a test run with the central alarm activated, connect the four pole **3** connector to connector n° 16 of the **med** command exchange **2**: figure **E**.

### TEST RUN

- Check that the alarm system is activated and deactivated using the radio control. The BUZZER should go "ON", stop the signal being given.
- Check that with the alarm system activated the siren makes a regular noise. For the buzzer signal and the alarm cycles see the **med** instructions.

### METHOD OF USE

Follow the instructions attached.

