

MINI-ALERT

For Home, Work and Travel



Installation Instructions

1. INTRODUCTION

The MINI-ALERT is a compact, **portable**, or wall mounted self contained alert system which sounds a loud signal when a person crosses in front of the unit.

The system operates by sensing the infrared energy that is emitted by the human body when crossing the sensing fingers within its field of view.

2. SPECIFICATIONS

OPTICAL

Coverage (indoor): Up to 6m (20ft) radius/90°.

ELECTRICAL

Voltage: 9 Volt Alkaline battery.

Current:

Standby (ON or OFF): 5 μ A.

Sounding: 20 mA (high sound level), 10 mA (low sound level).

Detector: Dual element pyroelectric sensor.

Operating temperature*: 0°C to 50°C (32°F to 122°F).

Storage temperature: -20°C to 60°C (-4°F to 140°F).

*Does not apply to battery.

Notes:

1) The temperature range may be reduced due to battery characteristics.

2) The detecting range may be reduced drastically in ambient or background temperatures of 30°C to 45°C (86°F to 113°F)

PHYSICAL

Dimensions: 5.8 x 8.5 x 3.6 cm (2.3 x 3.3 x 1.4 in).

Weight: 70 g (2.5 oz).

Color: White.

Visonic Ltd. reserves the right to change specifications without prior notice.

3. INSTALLATION AND USE

3.1 Operation Principles

The MINI-ALERT is designed to operate as a **portable**, free-standing or wall mounted self-contained unit.

- Position the unit vertically so that the lens faces the area under surveillance.
- The field of view is approximately 90°, located 45° on either side of the front of the unit, approximately parallel to the floor, at the height of the unit (see Figure 1). The maximum range is 6 m (20 ft).

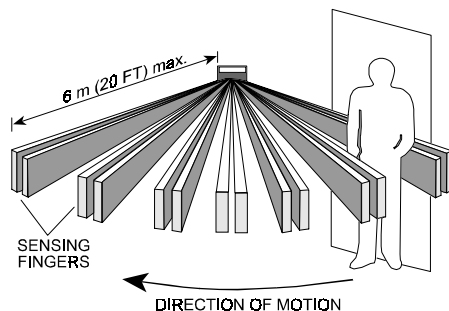


Figure 1. Positioning the MINI-ALERT

- Position the MINI-ALERT so that an approaching person will have to cross the sensing fingers of its field of view as in Figure 1. The unit is not sensitive to motion directly towards or away from the unit, because this kind of motion does not cross the sensing fingers within its field of view.

Important - The MINI-ALERT operates by sensing the difference in temperature between the person moving across its field of view and the background (at which the unit is aimed). If the background temperature is 30°C to 45°C (86°F to 113°F), the MINI-ALERT may fail to detect, because the temperature difference is too small. Therefore, you must not aim the unit toward warm objects, such as walls that are heated by sunlight, ovens, heaters, etc.

It is recommended that the MINI-ALERT be installed only in temperature controlled areas and aimed toward the coolest part of the room.

- Make sure that the MINI-ALERT will not be blocked by any objects such as doors, packages, drapes, glass partitions, windows, etc.
- The unit should be positioned at a height of 2.5 to 4 ft (80 to 125 cm) from the floor.

Note: It may be necessary to position the unit lower, if detection of a small child or a pet is desired.

3.2 Wall Installation

If desired, the MINI-ALERT may be installed on a wall with 2 screws (supplied). See Figures 2 and 3.

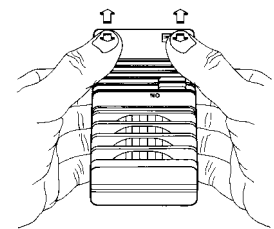


Figure 2. Battery Cover Removal

- Remove the battery cover from the front of the unit by placing your thumbs as shown in Figure 2 and exerting a slight pressure downward and toward the bottom of the unit.
- Install one of the supplied screws on the wall, in the location where the top of the MINI-ALERT is to be positioned.
- Mount the key-slot (on the case rear) over the head of the screw (Fig. 3). Adjust the screw so that the unit is held as close as possible to the wall, to avoid vibrations.

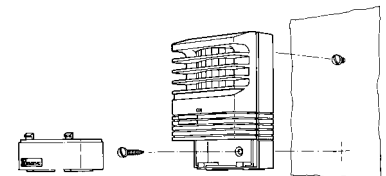


Figure 3. MINI-ALERT Wall Installation

- Mark the location of the lower screw hole.
- Remove the MINI-ALERT from the wall.
- Drill the lower screw hole.
- Remount the MINI-ALERT key slot onto the upper screw and secure the unit to the wall with the lower screw. Assure that the unit is held firmly to the wall and cannot vibrate.

Caution: This product is only for indoor use. Do not install outdoors.

3.3 Installing the Battery

- Set the switch (at the front of the unit) to the left - OFF position.
- Remove the battery cover (see Figure 2). Snap the battery connector onto a 9 Volt battery.
Important: Use Alkaline battery only.
- Close the battery compartment cover and allow the unit to stabilize for 5 minutes.

3.4 Operation

When you want to disable or to move the MINI-ALERT, set the slide switch to the left - OFF position.

To enable the MINI-ALERT, set the slide switch to the right - ON position. A single short duration beep will sound, indicating that the unit has turned ON.

A delay timer of approximately 15 seconds will begin to operate, giving you enough time to exit the unit's field of view. If you remain in the unit's field of view after this delay, an alarm may sound.

If you wish to test the MINI-ALERT, deliberately walk across its field of view. Upon detecting your motion, the MINI-ALERT will sound for about 5 seconds, or for as long as your motion continues. Move out of the unit's field of view, and the unit will stop sounding.

The MINI-ALERT is now ready to signal when someone crosses its field of view.

3.5 Sound Level Selection

If the sound level is too high or too low, you can select the sound level with the sound level control jumper. See Figure 4.

The highest sound level is obtained with the jumper mounted across the two pins (as supplied). To reduce the sound level, remove the jumper entirely or mount it on one of the pins, so it will not get lost.

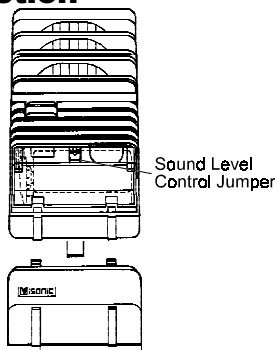


Figure 4. Sound Level Jumper

3.6 Testing

Test the MINI-ALERT by moving across its field of view, in the direction of the motion that you want to detect. Be sure to use the object to be detected (child, adult, animal, etc.), when testing the

MINI-ALERT. Verify that motion is indeed detected at the pre-planned location, otherwise the unit may fail to warn when required to do so.

The unit should be tested each time you turn it ON (enabled). If the unit is to remain constantly ON, it should be tested daily, to assure proper operation.

If the MINI-ALERT does not function properly, immediately replace the battery and retest. If the MINI-ALERT still does not function properly, return it for repair.

Important: The battery must be replaced at least once a year, even if the MINI-ALERT is operating properly.

If the unit is used frequently and sounds more than 20 times a day, the battery will have to be replaced more often.

3.7 Applications

The following examples are different uses of the MINI ALERT, which are only a small part of the numerous possible applications.

Warning: It should be basically clear to the user that the MINI-ALERT is suitable for various alert functions as desired, provided that the user understands that Visonic Ltd. is not responsible in any way for the results, which depend entirely on the user's own planning. The user's consent to the above is a precondition to the purchase and use of the MINI-ALERT.



WARRANTY

Visonic Ltd. and/or its subsidiaries and its affiliates ("the Manufacturer") warrants its products hereinafter referred to as "the Product" or "Products" to be in conformance with its own plans and specifications and to be free of defects in materials and workmanship under normal use and service for a period of twelve months from the date of shipment by the Manufacturer. The Manufacturer's obligations shall be limited within the warranty period, at its option, to repair or replace the product or any part thereof. The Manufacturer shall not be responsible for dismantling and/or reinstallation charges. To exercise the warranty the product must be returned to the Manufacturer freight prepaid and insured.

This warranty does not apply in the following cases: improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than the Manufacturer.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the Manufacturer be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid.

This warranty shall not be modified, varied or extended, and the Manufacturer does not authorize any person to act on its behalf in the modification, variation or extension of this warranty. This warranty shall apply to the Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products.

The Manufacturer does not represent that its Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. User understands that a properly installed and maintained alarm may only reduce the risk of events such as burglary, robbery, and fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no death, personal damage and/or damage to property as a result.

The Manufacturer shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function. However, if the Manufacturer is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, the Manufacturer's maximum liability shall not in any case exceed the purchase price of the Product, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Manufacturer.

Warning: The user should follow the installation and operation instructions and among other things test the Product and the whole system at least once a week. For various reasons, including, but not limited to, changes in environmental conditions, electric or electronic disruptions and tampering, the Product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.

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