1. INTRODUCTION

The MCS-710 is an indoor or outdoor fully wireless siren, designed for installation in areas in which wiring action is difficult or impossible. There is no need for an external power supply. The MCS-710 is powered by an internal non-chargeable battery. The siren communicates with the PowerMax+, PowerMax Pro or PowerMaxComplete. When an identified activation command is received from the control panel, the siren activates its sounder, activates its flash lights and acknowledges its activation to the alarm system.

The MCS-710 and the control panel should be located in the same house.

MCS-710 Features

- Designed for indoor or outdoor use
  The siren has double plastic cover for extra protection against rain and sun.

- Distinguishable siren fire and burglar alarms
  Fire alarm: Alternating on/off alarm sound.
  Burglary alarm: Continuous high/low tone sweep.
  Note: The siren is activated for a predefined “Bell Time” (refer to PowerMax+ / PowerMax Pro / PowerMaxComplete installer guide, par. 4.4), according to local authorities requirements, or until the system is disarmed, whichever occurs first.

- Squawk indications
  By using a keyfob, High, mid or low siren squawk (beep) sounds can be used to indicate arming (1 squawk) and disarming (2 squawks) of the PowerMax+ / PowerMax Pro / PowerMaxComplete (as described in the user's guide section 7).

- Flash lights
  Upon alarm, the siren lights start flashing until the system is disarmed.

- Triple Tamper protection
  3 tamper switches are included; one under the front cover, second touching the mounting surface and third attached to the closure screw.

- Non-rechargeable 3.6V Lithium battery
  When the battery voltage is low, low battery message is sent to the alarm control system. After the low voltage message delivery, at least 2 siren alarms will be possible before the siren will be totally inactive.

2. SPECIFICATIONS

Siren Type: Piezo, 100dB min. SPL @ 1m, 1.8-3.5 kHz, sweep frequency 7Hz

Internal Battery: One (optional: 2) 3.6V non-rechargeable Lithium battery, EEMB type ER34615M.
  Note: Dispose of old battery according to its manufacturer's instructions.

Battery life expectancy: 3 years (for typical use)

Operating Frequency (MHz): 315, 433.92, 868.95, or other frequency according to the requirement in the country of use.

Receiver and Transmitter ID Type: 24-bit

Flash Lights Duration: 100ms ON, 900ms OFF

Dimensions (LxWxD): 30 x 19 x 7 cm (11-13/16 x 7-1/2 x 2-3/4 in)

Weight: 982g (34.6 oz.)

Operating Temperature: -30°C to 70°C (-22°F to 158°F)

Compliance with Standards: EN 50131-1 Grade 2 Class II, IP-55

3. INSTALLATION, TESTING AND ENROLLING

ENROLLING, SELF TEST AND BATTERY TEST

A. ENROLLING

The alarm system (PowerMax+ / PowerMax Pro / PowerMaxComplete) must recognize the siren’s unique identification code for command delivery and supervision. Perform enrolling as described in the alarm system’s installer guide. When the TRANSMIT NOW instruction is displayed, press the SF TST switch for 1 - 3 seconds. Successful enrolling is indicated by flashes during 3 seconds.

B. SIREN SELF TEST

In an enrolled siren, pressing the SF TST switch for 1 - 3 seconds initiates siren receiver test. One, two or 3 squawks will be heard to indicate poor, good or strong receiver, accordingly.

C. BATTERY TEST

Pressing the SF TST switch for more than 3 seconds initiates battery test. Low battery voltage is indicated by 3 flashes and 3 squawks. Good battery voltage is indicated by 1 flash and 1 squawk.

NOTES

• After the enrolling, close the siren cover and perform DIAGNOSTIC TEST, as described in alarm system's installer guide. Enrolling cancellation, if required, is also described in the alarm system's installer guide.

• To uninstall the siren without activating the siren, login the alarm system Installer Mode, remove the siren from the wall, remove the battery from the siren and delete the siren from the alarm system control panel.

Interference Prevention

This device complies with FCC Rules Part 15. Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference which may be received, including interference that may cause undesired operation.

The digital circuit of this device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a circuit different from one which supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

Changes or modifications not expressly approved by Visonic Ltd. could void the user’s authority to operate the equipment.

WARRANTY

Visonic Limited (the “Manufacturer”) warrants this product only (the “Product”) to the original purchaser only (the “Purchaser”) against defective workmanship and materials under normal use of the Product for a period of twelve (12) months from the date of shipment by the Manufacturer. This Warranty is absolutely conditional upon the Product having been properly installed, maintained and operated in accordance with the instructions furnished with the Product by the Manufacturer, and the Purchaser having recognized having been informed of.

The Manufacturer shall in no event be liable for any consequential, incidental, indirect, special, punitive, or other damages, losses, costs or expenses of any kind, including, but not limited to, loss of use, profit or revenue, injury or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function.

THE MANUFACTURER’S MAXIMUM LIABILITY (IF ANY) SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE ASSESSED AT THE FULL PURCHASE PRICE OF THE PRODUCT, AND SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER.

Warning: The user must follow the Manufacturer's installation and operational instructions including testing the Product and its whole system at least once a week and to take all necessary precautions for his/her safety and the protection of his/her property.

W.E.E.E. Product Recycling Declaration

For information regarding the recycling of this product you must contact the company from which you originally purchased it. If you are discarding this product and not returning it for repair then you must ensure that it is returned as identified by your supplier. This product is not to be thrown away with everyday waste.

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