1. INTRODUCTION

The MCS-730, powered by 1 or 2 (optional) non-rechargeable batteries, is fully wireless outdoor siren, designed for installation in areas in which wiring action is difficult or impossible. It is compatible with control panels such as PowerMax Pro, PowerMax Complete, PowerMax Express or Visonic newer panels (not compatible with PowerMax+ and PowerMax control panel).

The MCS-730 AC is similar to MCS-730 but it is powered by an External 9VAC Adaptor and non-rechargeable backup battery - enables very long operation time without replacing the battery. The MCS-730 AC complies with PowerMax+ also.

Features
- Siren and strobe light activation: The siren produces a strong alarm noise and emits flashing light to deter intruders and guide police to the site.
- Squawk indication: Squawk (beep) sounds can be used to indicate alarm system arming (1 squawk) and disarming (2 squawks) by a keyfob (squawk can be enabled from the control panel User menu).
- Tamper / supervision failure indication: Siren is equipped with tamper protection, which produces alarm if a burglar attempt to open the siren’s cover or remove siren from wall.
- Low battery voltage alert
  The siren reports a low battery message to the alarm system when battery is about to drain. After low voltage is reported, at least 2 siren alarms are possible before the siren is totally inactive.
- Strobe Light Color: The siren can be purchased with red, blue, amber or transparent lens, according to the desired strobe light color.
- Siren activity LED: A flashing LED (optional, at the bottom of the siren front panel) indicates siren activity (can be disabled by an internal jumper, see fig. 3, step 8)

2. SPECIFICATIONS

Siren Type: One Piezo 109 db. Sound Pressure Level @ 1m, 1.8-3.5 kHz, sweep frequency 7 Hz. Additional piezo is optional.

AC Power Supply Adaptor (MCS-730 AC only):
120 VAC, 60 Hz / 9 VAC, 0.35 A min. (in the U.S.A.)
230 VAC, 50 Hz / 9 VAC, 0.35 A min.

Battery: 3.6V/14.5A/H Lithium battery (EVE ER34615M/w200), Visonic assembly cat. No. 0-9912K

Caution! Risk of explosion if battery is replaced by an incorrect type. Dispose of used battery according to the manufacturer’s instructions.

Battery Life Time: 3 years (taking into consideration a typical alarm of 4 minutes Piezo + strobe operation per week).

Current Consumption: Standby - 250µA average, Operation - 300mA average.

Compliance with Standards:
- Europe: EN 300 220, EN 301489, EN 50130-4, EN 50131-4 Grade 2 Class IV.
- USA: FCC - C-RFR47 Part 15, C-RRI 210

Operating Frequency (MHz): 315, 433.92, 868.95

Maximum Tx Power: 10dBm @ 433MHz, 14dBm @ 868MHz.

Supervision Time: 5 minutes

Strobe Light: Pulsed @ 1 sec.

Dimensions (LxWxD): 295x180x33mm (11-5/8 x 7-5/16 x 2-1/2 in)

Color: White (with red, blue, amber or transparent lens)

Operating Temperature: 33°C to 70°C (-27.4°F to 158°F), RH humidity 75%.

Weight (including battery): 970g (34 oz)

This device complies with Part 15 of the FCC Rules and RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Hereby, Visonic Ltd. declares that the radio equipment type MCS-730 / MCS-730AC is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.visonic.com/download-center.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

Interference Prevention
- This device may not cause harmful interference, and (2) this device must accept any interference that may be received or 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 environments. 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 such 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 relocate the receiving antenna.
  - Increase the distance between the device and the receiver.
  - Connect the device to an outlet on a circuit different from the 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.
3. INSTALLATION, TESTING AND ENROLLING

3.1 Installation

3.2 Self-Test
Press the self test button (see figure 3 step 8). Low level piezo sounds and flash lights indicate that the siren is fully operational.

3.3 Configuration (see figure 3, step 8)
LED Keep Alive Jumper Setup:
When it is desired that the Keep Alive LED should blink (every 5 sec.), LED configuration must be set to ON position.
PowerMax+ / Other Jumper Setup (MCS-730 AC only):
When enrolling to the PowerMax+, the internal jumper must be set to the “PM+” position. When enrolling to other PowerMax control panels the internal jumper must be set to “others” position.
AC CONF ON/OFF Jumper setup (MCS-730 AC only):
When it is desired to use AC power supply (optional); AC CONF jumper must be set to ON position.

3.4 Enrolling
Important Note: The siren is ready to operate 30 seconds after the enrolling. Pre-enrolled sirens are ready to operate 30 seconds after power up.
The alarm system must recognize the siren’s unique identification code for command delivery and supervision. To enroll the siren into the alarm system memory, refer to the ENROLLING section of the alarm system installation instructions, and momentarily press the Self-Test button (see figure 3 step 8) when you are instructed.
After the enrolling, close the siren’s cover and perform diagnostic test, as described in the alarm system installer guide, DIAGNOSTIC section.
Enrolling cancellation, if required, is also described in the alarm system installer Guide, ENROLLING section.

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 under conditions of normal use in accordance with the Manufacturer’s recommended installation and operational instructions. Products which have become defective for any other reason, according to the Manufacturer’s discretion, such as improper installation, failure to follow recommended installation and operational instructions, neglect, willful damage, misuse or vandalism, accidental damage, alteration or tampering, or repair by anyone other than the manufacturer, are not covered by this Warranty.
The Manufacturer does not represent that this Product may not be compromised and/or circumvented or that the Product will prevent any death and/or personal injury and/or damage to property resulting from burglary, robbery, fire or otherwise, that the Product will in all cases provide adequate warning or protection. The Manufacturer is not to be held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty, THE MANUFACTURER’S MAXIMUM LIABILITY (IF ANY) 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.
When accepting the delivery of the Product, the Purchaser agrees to the said conditions of sale and warranty and acknowledges having been informed of.
Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply under certain circumstances.
The Manufacturer shall be under no liability whatsoever arising out of the corruption and/or malfunctioning of any telecommunication or electronic equipment or any programs.
The Manufacturer obligations under this Warranty are limited solely to repair and/or replace at the discretion and option of the Manufacturer the Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, used in conjunction with the Products. This Warranty is exclusive to the original Purchaser and is not assignable.
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 applies 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. This Warranty is exclusive to the original Purchaser and is not assignable.
This Warranty is in addition to and does not affect your legal rights. Any provision in this warranty which is contrary to the Law in the state or country were the Product is supplied shall not apply.
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.

Warning:
Re: information regarding the recycling of this product you must contact the returning it for repair then you must ensure that it is returned as identified by your supplier. Directive 2002/96/EC Waste Electrical and Electronic Equipment.