PowerCode™ Wireless

Fully supervised wireless system

Features
- Code-Secure™ technology
- Fully supervised
- Attractive, elegant design
- Reporting of tamper and RF signal jamming
- Transmitter activity and low battery indication
- Long-life lithium battery included
- Extended communication range
- Anti-collision signaling
- Waterproof products
- Easy to install and operate
- 16 million different code combinations

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Power Supply</th>
<th>Current Consumption</th>
<th>Battery Supervision</th>
<th>Type</th>
<th>Color</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCT-101*</td>
<td>One-Button</td>
<td>3 V alkaline battery</td>
<td>0.1 A standby</td>
<td>6 mA operation</td>
<td>Supervised</td>
<td>Gray</td>
<td>32 x 53 x 17 mm (1-1/4 x 2-1/8 x 11/16 in.)</td>
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<td>MCT-102*</td>
<td>One-Button</td>
<td>3.6 V lithium battery</td>
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Handheld Transmitters

Stationary transmitters & detectors

Mobile transmitters

Receivers

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Visonic Ltd

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Wireless alarm systems are one of the fastest growing segments of the security industry. This tremendous growth is attributed to the significant reduction in the cost of labor when installing wireless systems compared to hardwired systems. Reliability and ease of installation are essential elements when considering wireless products. Visonic Ltd’s fully supervised wireless products provide the features that professional installers require: reporting of low battery, tamper protection, RF signal jamming, and transmitter inactivity. Visonic Ltd’s Code-Secure™ technology ensures that transmitter signals used for arming and disarming control panels, or opening doors and gates, are always secure. Visonic Ltd also incorporates a unique “anti-collision” transmission sequence in its PowerCode™ transmitters. The “anti-collision” feature assures that signals transmitted at the same time are acknowledged by the receiver. Visonic Ltd’s PowerCode™ series of wireless equipment is easy to install, easy to use, and provides reliable operation day in and day out.

The importance of Code-Secure™ technology
Code-Secure™ technology is currently employed in several module transmitters used.Outdoor smoke alarms, car alarms and garage door opener remote codes are particularly at risk. Potential intruders copy, or “clone” security alarm remote and use them to show alarm systems electricity. One chooses Visonic Ltd’s Code-Secure™ transmitters for this protection. Every Visonic Ltd Code-Secure™ transmitter sends a signal, even if a different code is known only to its intended receiver. The result is a secure system that cannot be cloned, copied or grabbed.

The reliability of Supervision
Visonic Ltd’s fully supervised fixed and handheld transmitters are wireless signaling devices designed for integration with alarm systems. An hourly Supervision Message confirms the receiver is alive, and presence of a transmitter in the system and its status. In case of an alarm, a message is transmitted for the receiver along with the 32 of the alarm device. For increased system reliability, improved maintenance and enhanced trouble detection capability, Visonic Ltd’s fully supervised transmitters lead the way.

Mobile Transmitters
- MCT-101
- MCT-102 and MCT-104 Transmitters
- MCT-211 Wristband Transmitter
- MCT-233
- MCT-723
- MCT-727
- MCT-214

Stationary Transmitters & Detectors
- MCT-100 Universal Transmitter
- MCT-422 Smoke Detector
- MCT-423 Low Current Smoke Detector
- MCT-211W Wristband Transmitter
- MCT-131 Universal Transmitter
- MCT-232
- MCT-722

Expanders
- MCX-8 Expander
- MCX-600 Expander
- MCX-511 Window Transmitter

Receivers
- MCR-304 Receiver
- MCR-308 Receiver
- MCPIR-1000 Receiver
- MCPIR-3000 Wireless Detector

Visonic Ltd’s wireless alarm systems provide the features that professional installers require: reporting of low battery, tamper protection, RF signal jamming, and transmitter inactivity. Visonic Ltd’s innovative Code-Secure™ technology ensures that transmitter signals used for arming and disarming control panels, or opening doors and gates, are always secure. Visonic Ltd also incorporates a unique “anti-collision” transmission sequence in its PowerCode™ transmitters. The “anti-collision” feature assures that signals transmitted at the same time are acknowledged by the receiver. Visonic Ltd’s PowerCode™ series of wireless equipment is easy to install, easy to use, and provides reliable operation day in and day out.
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Visonic Ltd’s Innovative Code-Secure™ technology ensures that transmitter signals used for arming and disarming control panels, or opening doors and gates, are always secure. Visonic Ltd also incorporates a unique “anti-collision” transmission sequence in its PowerCode™ transmitters. The “anti-collision” feature ensures that signals transmitted at the same time are acknowledged by the receiver. Visonic Ltd’s PowerCode™ series of wireless equipment is easy to install, easy to use, and provides reliable operation day in and day out.

The importance of Code-Secure™ technology
Code-Secure™ technology is becoming increasingly important when a module transmitter is used. Outdoor show cars, car alarms and garage door openers, even your own personal electronic devices, are all potential targets for intruders. When an alarm system is installed, it is important to make sure that all signals are transmitted and received safely.

Stationary transmitters & detectors

Visonic Ltd’s fully supervised fixed and handheld transmitters are wireless signaling devices designed for integration with alarm systems. An hourly Supvision Message indicator on the receiver indicates the presence of a transmitter in the system and its status. In case of an alarm, a message is transmitted to the receiver along with the 2D and the alarm device. This increased system reliability, improved maintenance and enhanced overall detection capability. Visonic Ltd’s fully supervised transmitters lead the way.

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Wireless alarm systems are one of the fastest growing segments of the security industry. This tremendous growth is attributed to the significant reduction in the cost of labor when installing wireless systems compared to hardwired systems. Reliability and ease of installation are essential elements when considering wireless products. Visonic Ltd’s fully supervised wireless products provide the features that professional installers require: reporting of low battery, tamper protection, RF signal jamming, and transmitter reactivate.

Visonic Ltd’s innovative Code-Secure™ technology ensures that transmitter signals used for arming and disarming control panels, or opening doors and gates, are always secure. Visonic Ltd also incorporates a unique “anti-collision” transmission sequence in its PowerCode™ transmitter series. The “anti-collision” feature assures that signals transmitted at the same time are acknowledged by the receiver. Visonic Ltd’s PowerCode™ series of wireless equipment is easy to install, easy to use, and provides reliable operation day in and day out.

The importance of Code-Secure™ technology

Code-Secure™ technology is a revolutionary patented wireless protocol that minimizes any potential transmission errors. A 64-bit anti-collision code is transmitted, followed by a unique 128-bit code. The receiver then digitally compares the 128-bit code with its own unique 128-bit code. If the two codes are identical, the receiver will acknowledge the signal. If the codes are different, the transmitter will retransmit the signal. This process repeats until the correct signal is acknowledged by the receiver.

MTR-101/102/104 Transmitters

MTR-101/102/104 Transmitters provide Code-Secure™ technology and are available in one, two, and four-button configurations. A long-life lithium battery is included with each transmitter, and low battery signals are reported to the receiver.

MCT-301 Universal Transmitter

A stationary universal transmitter is the perfect solution for remote control of multiple functions, such as arming and disarming, control panel activation, and alarm panel override. The transmitter can be programmed to control up to 16 different functions, each with its own code.

MCR-304 Receiver

The MCR-304 is a superheterodyne UHF receiver designed to convert virtually any hardwired alarm panel into a fully supervised wireless system. This receiver provides up to 24 outputs, up to four transmitters per zone, and four reporting outputs: tamper, low battery, and RF signal jamming. By using the MCR-8 expander module, this receiver can provide up to 96 outputs, utilizing 384 transmitters.

The reliability of Supervision

Visonic Ltd’s fully supervised hard and trunkline transmitters are wireless signaling devices designed for integration with alarm systems. An hourly Supervision Message informs the receiver of an inactive presence of a transmitter at the system and its status. In case of an alarm, a message is transmitted to the receiver along with the ID of the alarm device. For increased system reliability, improved maintenance and enhanced trouble detection capability, Visonic Ltd’s fully supervised transmitters lead the way.

MTR-308 Receiver

The MTR-308 is a superheterodyne UHF receiver designed to convert virtually any hardwired alarm panel into a fully supervised wireless system. This receiver provides up to 24 outputs, up to four transmitters per zone, and four reporting outputs: tamper, low battery, and RF signal jamming. By using the MTR-8 expander module, this receiver can provide up to 96 outputs, utilizing 384 transmitters.
### PowerCode™ Wireless

**Fully supervised wireless system**

- **Features**
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  - Attractive, elegant design
  - Reporting of tamper and RF signal jamming
  - Transmitter activity and low battery indication
  - Long-life lithium battery included
  - Extended communication range
  - Anti-collision signaling
  - Waterproof products
  - Easy to install and operate
  - 16 million different code combinations

### Stationary transmitters & detectors

- **Type**
  - Magnetic Contact
  - Wireless Detectors
  - Handheld Transmitters

### Mobile transmitters

- **Description**
  - 4-Button Handheld Transmitter
  - Waterproof Wristband-Style Transmitter

### Receivers

- **Product**
  - MCR-304 One-Zone Receiver
  - MCR-308 Four-Zone Receiver

### Accessories

- **Type**
  - PowerCode™ Wireless
  - Supervised
  - Code-Secure™

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*Visonic Ltd fully supervised wireless components are supported. By many installers as the wireless solution of choice. Our wireless products offer superior signal integrity, reliability, and performance that cannot be matched.*

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*Features with hourly operations must exceed the region of the receiver's detection circle.*

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*Visonic USA 365 x 24 x 7 - 800-022-2215*

*Visonic Ltd: Leading the way in Advanced Security*
### Accessories

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<td>12 VDC</td>
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- **Code-Secure™ technology**
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- **Anti-collision signaling**
- **Remote or radio keypad**
- **Transmitter flexibility and ease battery replacement**
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**WIRELESS**

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