

EXHIBIT 7

7.0 *Instruction Manual*

Attached is a draft instruction manual for the device. Note the required FCC label and warning information on the first page. The Manual shown is for the MCT-201AT. The manual for the MCT-231 is identical with regard to FCC labeling information.

MCT-201AT

Air-Tight PowerCode Pendant Transmitter



Visonic Ltd

Installation Instructions

1. INTRODUCTION

The MCT-201AT is a miniature air-tight/waterproof transmitter, designed for use in advanced, high security alarm and remote control systems. Transmission is initiated by depressing the pushbutton at the center of the unit. When activated, the transmitter sends out a 24-bit ID code and an alarm code, both identifiable by compatible PowerCode type receivers. The ID code assigned to each transmitter is factory-selected from over 16 million possible combinations, and is therefore unique and virtually impossible to reproduce.

All MCT-201AT units are equipped in the factory with a coin-type, 3-volt lithium battery that can last up to 10 years. Since the transmitter is impervious to air and moisture, it must be returned to a service depot if battery replacement is required after long years of service.

An LED lights during transmission, indicating that the battery voltage is at the proper level. If the LED does not light during

transmission, the transmitter must be sent for battery replacement. In addition, a transmitter in which the battery is low will automatically add a "low battery" code to its outgoing digital message. Compatible receivers are designed to identify this code and operate audible, visual or other alert devices.

The chain provided with each unit allows the user to wear the unit around the neck as a pendant transmitter. A key ring is also included in the package, for use in place of the chain.

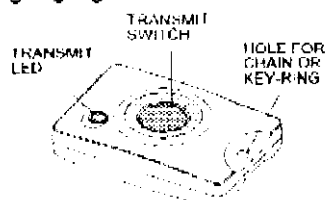


Figure 1. General View

IMPORTANT! Do not try to open this unit for any purpose.

2. SPECIFICATIONS

Frequency (MHz): 315, 404, 418, 433.92 or other frequencies according to local requirements.

Modulation: ASK (ON-OFF keying)

Transmitter ID: 24-bit digital word, over 16 million possible code combinations, pulse width modulation

Total Message Length: 36 bits

Minimum Transmit Duration: 2 sec

Power Supply: 3-volt Lithium cell (Sanyo type CR-2032 or equivalent).

Nominal Battery Capacity: 220 mAh

Current Consumption: 4.5 mA (during transmission), 1 μ A in the standby mode.

Battery Life: 3 to 5 years with about 3 transmissions per day; up to 10 years with one transmission per day or none at all.

Battery Supervision:

Good battery - LED lights steadily upon activation

Low battery - LED does not light upon activation.

Note: If transmission is still possible despite the battery condition, the MCT-201AT will send a low battery report to the receiver.

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

Dimensions: 32 x 53 x 17 mm (1-1/4 x 2-1/8 x 11/16 in).

Weight: 18 g (0.65 oz)

Color: Black

Standards: Meets FCC part 15, ETS 300-220, ETS 300-683 and MPT 1340.

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.

CE Compliance

The 418 MHz and 433.92 MHz models of this device comply with the European Council Directive EMC 89/336/EEC & 92/31/EEC, and bear the CE mark and certification.

3. TESTING AND MAINTENANCE

3.1 Testing a New Unit

Since the MCT-201AT is supplied with the battery already installed, the unit is practically ready to be tested.

A. "Teach" the target receiver the ID code of the tested transmitter, as instructed in the target receiver's installation manual.

B. Stand 3 m (10 ft) away from a target receiver and operate the MCT-201AT by depressing its transmit pushbutton. Verify that the transmitter LED lights, indicating good battery condition.

Note: The LED will light for 2 seconds even if you press the button for a shorter duration.

C. Observe that the receiver's LED lights, and make sure that the

receiver reacts as programmed.

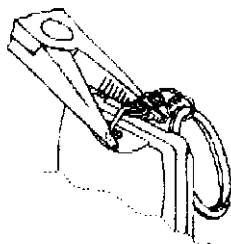
D. Operate the transmitter from various locations within the area covered by the target receiver to determine "dead" locations, where transmission is blocked by walls and large objects, or affected by structural materials.

Note: If dead/marginal zones are a problem, relocating the receiver may improve the performance

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3.2 Key-ring Installation

- A. Remove the chain by opening and slipping it through the triangle on top of the MCT-201AT.
- B. Insert the tip of a long-nose pliers into the triangle and open it.
- C. Remove the triangle.
- D. Open the plastic bag which contains the key-ring kit.
- E. Slip the key-ring triangle through the last link of the keying chain and



- install the triangle into the hole on the top of the MCT-201AT (Fig. 2).
- F. Using the pliers, close the key-ring triangle

Figure 2. Key-ring Installation

4. GENERAL COMMENTS

Our wireless systems are very reliable and are tested to high standards. However, due to their low transmitting power (required by FCC DOT and other regulations), they are not

3rd. Wireless equipment should be tested regularly (at least once a week) to determine if there are sources of interference and to

MCT-231

Pendant Code-Secure™ Transmitter



Visonic Ltd

Installation Instructions

1. INTRODUCTION

The MCT-231 is a miniature pendant transmitter, designed for alarm and remote control applications. When activated, the transmitter sends out a Code Secure™ digital sequence identifiable by compatible Code Secure™ receivers. Each transmission comprises a digital sequence that differs from the one used in the previous transmission and which only the target receiver can recognize. "Code grabbing" is therefore not possible.

Transmission is initiated by depressing the pushbutton at the center of the unit. Operating power is obtained from a coin-type, 3-volt lithium battery that can last up to 10 years.

An LED lights during transmission, indicating that the battery voltage exceeds 2.4 V. If the LED flashes during transmission, the battery must be replaced immediately. In addition, a "low battery" report will be transmitted with the outgoing digital message. Compatible receivers are designed to identify this report and operate a corresponding output.

All MCT-231 units are supplied with the chain installed, to be worn around the neck as pendant transmitters. A key ring is also included in the package, for use in place of the chain.

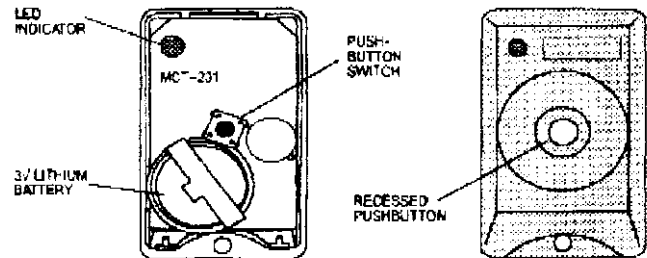


Figure 1. MCT-231 with Cover Removed

2. SPECIFICATIONS

Frequency (MHz): 315, 404, 418, 433.92 or other frequencies according to local requirements.

Modulation: ASK (ON-OFF keying)

Transmitter ID: 36-bit digital word, Code Secure™

Minimum Transmit Duration: 2 sec

Power Supply: 3-volt Lithium cell (Toshiba type CR-2032 or equivalent).

Nominal Battery Capacity: 220 mAh

Current Consumption: 6 mA (during transmission)

Battery Life: 3 to 5 years with about 3 transmissions per day; up to 10 years with one transmission per day or none at all.

Battery Supervision:

Good battery - LED lights steadily upon activation.

Low battery - LED flashes upon activation.

Note: If transmission is still possible despite the battery condition, the MCT-231 will send a low battery report to the receiver.

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

Dimensions: 32 x 53 x 17 mm (1-1/4 x 2-1/8 x 11/16 in.).

Weight: 18 g (0.65 oz).

Color: White

Standards: Meets FCC part 15, ETS 300-220, ETS 300-683 and MPT 1340.

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.

CE Compliance

The 418 MHz and 433.92 MHz models of this device comply with the European Council Directive EMC 89/336/EEC & 92/31/EEC, and bear the CE mark and certification.

3. TESTING AND MAINTENANCE

3.1 Testing a New Unit

Since the MCT-231 is supplied with the battery already installed, the unit is practically ready to be tested.

- "Teach" the target receiver the ID code of the tested transmitter, as instructed in the target receiver's installation manual.
- Stand 3 m (10 ft) away from a target receiver and operate the MCT-231 by depressing its transmit pushbutton. Verify that the transmitter LED lights, indicating good battery condition.
- Observe that the receiver's LED lights steadily, and make sure that the controlled circuit reacts as programmed.
- Operate the transmitter from various locations within the area

covered by the target receiver to determine "dead" locations, where transmission is blocked by walls and large objects, or affected by structural materials.

Note: If dead/marginal zones are a problem, relocating the receiver may improve the performance.

3.2 Battery Replacement

The original battery supplied with the transmitter can last up to 10 years if used sparingly (only a single transmission per day). Battery replacement will therefore be needed very rarely. To replace the battery proceed as in 3.3, 3.4, 3.5, below.

3.3 Opening the Case

- A. To open the case, refer to Figure 2. Insert an 1/8 inch screwdriver blade in the slot at the bottom of the case. Press the blade inward, applying moderate pressure, and while pressing, swing the handle slightly down until the covers partially separate.

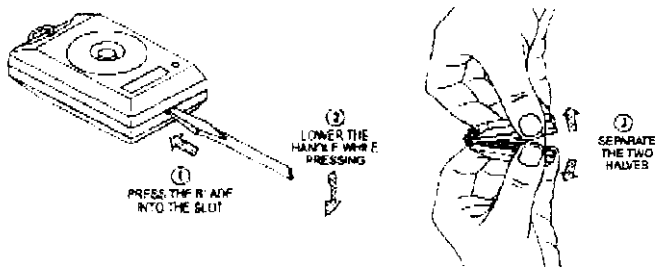


Figure 2. Opening the Case

Warning! Do not try to open the case by inserting a screwdriver in places other than the slot. This can damage the transmitter.

- B. Gently complete separation of the front and back covers with your fingers.

3.4 Replacing the Battery

- 1st. Grasp the transmit switch and lift the transmitter module out of the base.
- 2nd. Slide the old battery from under the clip in the direction shown by the arrow in Figure 3

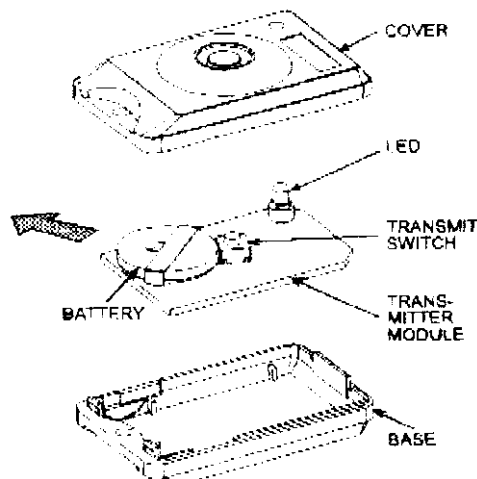


Figure 3. Battery Replacement

- C. Hold the 3-volt replacement battery (type CR-2032 or equivalent) with the positive (+) side up. Slide the battery all the way in under the battery clip until it stops.

- 4th. Briefly press the transmit switch (Fig. 3). The on-board LED should light brightly for 2 seconds.

- 5th. Place the module within the base. Then close the case as instructed in Para. 3.5 below.

3.5 Closing the Case

Carefully engage the ridges at the top of the rear cover with the dents at the top of the front cover. Gently press together the bottom ends of both covers, until they snap shut.

3.6 Keyring Installation

- A. Remove the chain by opening and slipping it through the triangle on top of the MCT-231.
- B. Insert the tip of a long-nose pliers into the triangle and open it.
- C. Remove the triangle.
- D. Open the plastic bag which contains the key-ring kit.
- E. Slip the key-ring triangle through the last link of the keying chain and install the triangle into the hole on the top of the MCT-231 (Fig. 4).
- F. Using the pliers, close the key-ring triangle

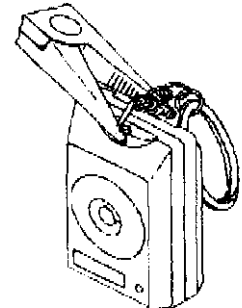


Figure 4. Key-ring Installation

4. GENERAL COMMENTS

Our wireless systems are very reliable and are tested to high standards. However, due to their low transmitting power (required by FCC, DTI and other regulatory authorities) there are some limitations to be considered:

1st. Receivers may be blocked by radio signals occurring on or near their operating frequencies, regardless of the code selected.

2nd. A receiver can only respond to one transmitted signal at a time.

3rd. Wireless equipment should be tested regularly (at least once a week) to determine if there are sources of interference and to protect against faults.



WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY

Visonic Ltd. and 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

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

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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 Product.

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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Visonic Ltd

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