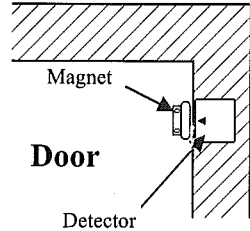
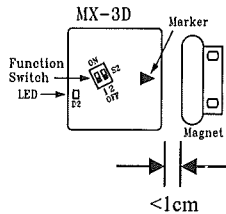
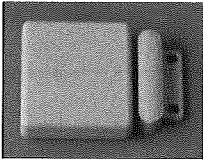


MX-3D MINI DOOR MAGNET DETECTOR

INTRODUCTION

The MX-3D is a mini type door magnetic contact detector. With a built-in reed switch sensor and radio transmitter, it can be used to secure doors, windows and even drawer, closet or cupboard.



INSTALLATION

A. Enrolling Code

1. Open the case by using a blade type screw driver from the marker side and insert a 3V CR-2032 Lithium battery. (Panasonic is recommended).
2. Select "Installer Mode" on the Base Unit, and enter Installer Password to gain access authority. Then select \Set Device\Enroll Device\Burglar Sensor\Enter Zone No. to enroll the ID of the MX-3D by using a magnet to approach the marker side of the MX-3D. You may change its various attributes under \Set Device\Change Device Setting\Burglar Sensor Change, to fulfill different requirements.
3. User also can enroll or change device settings by running the HyperSecureLink software on a PC. (Refer to HyperSecureLink User Guide)

B. Mounting

(Important Notice: This sensor can't be mounted on a metal surface.)

1. To attach the Detector on the fixed frame by using the supplied double-stick tape. The marker side should close to the magnet.
2. Attach magnet to the movable part (door or window) near the transmitter's marker side. Keep the gap within 1 cm when door/window is closed.

Note: 1) For the protection of drawer, closet or cupboard, the Magnet and Detector should be attached on the inside of the protected objects if possible.

2) The RF transmission range will be extremely shrunk due to radio signal attenuation if the transmitter is mounted on a metal surface. In this situation, please use TX-3DS type detector with an external sensor.

C. Testing

1. Momentarily open the door/window, the transmission LED lights, showing that RF transmission is in progress.
2. If the MX-3D has been enrolled in the LS-30 Base Unit, the Base Unit will respond accordingly when the door or window opens with signal strength shows on the LCD.

Note: For stable operation, the signal strength should be above 40dB (standard version Base Unit). If the signal strength is too low, the detector or Base Unit should be relocated to make the receiving signal as high as possible.

D. Function Switch (S2)

SW1	On	Sending Open and Close signal when door opens and closes. (default)
	Off	Sending trigger signal only when door opens.
SW2	On	Sending heartbeat signal to Base Unit in every hour.(default)
	Off	Without sending heartbeat signal to save power consumption.

SPECIFICATIONS

Power: one 3V CR-2032 lithium battery

RF signals: Trigger or Open/Close (selectable), Battery Low, Heartbeat (@60 min., selectable), Power on Reset (@power on)

Current Drain: 8uA @ standby, 20mA @ RF operation

Estimated Battery Life: 1.5 year (@ actuated 10 times/day)

Operating Temperature: -10~ 40°C

Detector Size: 35 x 38 x 10 mm

Detector Weight: about 12g (with battery)

WARRANTY

The Manufacturer warrants its products (hereinafter referred to as the Product) 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 and part thereof. 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 apply to the Product only. All Products, accessories or attachments of others used in conjunction with the Products, 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 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.

NOTE: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. 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.

