

MAGNETIC CONTACT TRANSMITTER

INTRODUCTION

The TX-3DS is a fully supervised magnetic contact transmitter. With a built-in reed switch it can be used to secure doors and windows.

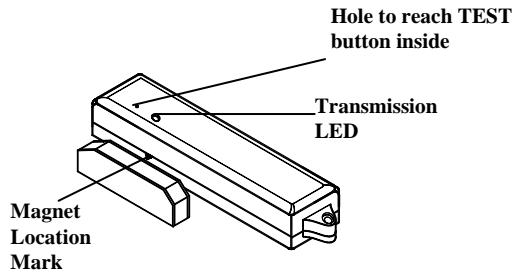


Fig. 1

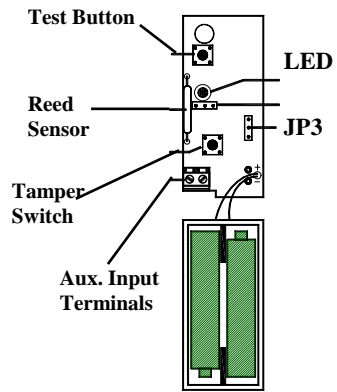


Fig.2

JP3-DIS: No "CLOSE" signal is sent when the door/window is closed.
 EN: Sends "CLOSE" signal when the door/window is closed.

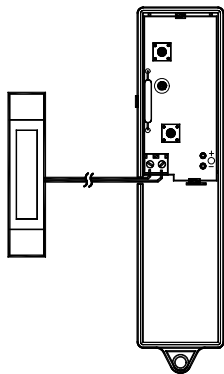


Fig.3

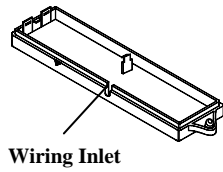


Fig. 4

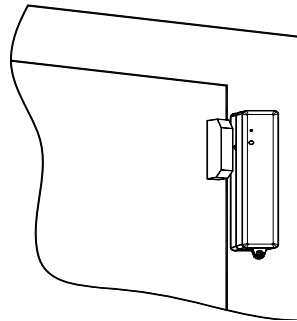


Fig.5

INSTALLATION

A. Enrolling Code

1. Loosen the screw of the TX-3DS, then open the upper case and insert two AAA alkaline batteries.

Important Notice: *In order to reset the microprocessor properly before changing the batteries, please press TEST button for 5 seconds to discharge the energy that remains in the capacitors of TX-3DS. Otherwise, it may not restart after changing batteries.*

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 TX-3DS by pressing its TEST button, or do an open/close action on the TX-3DS. You may change its various attributes under \Set Device\Change Device Setting\Burglar Sensor Change, to fulfill different requirements.

B. Mounting

1. It is recommended to attach the transmitter to the fixed frame, and the magnet to movable part (namely door or window). Refer to Figure 5, and make sure the gap between the magnet and the mark side of the transmitter is kept within 1 cm.
2. Use the base of TX-3DS as a template, and mark the points on the mounting surface through two mounting holes. Then drill two holes and attach the transmitter base with the 2 screws supplied.
3. Close the upper cover on the transmitter and tighten the screw.
4. Mount magnet near transmitter’s mark side. Keep the gap between within 1 cm when door/window is closed.

Note: - *If the transmitter is mounted on a metal frame, the RF transmission range will shrink due to radio signal attenuation. To avoid this effect, you may connect an external reed sensor to the AUX. Input Terminals of transmitter PC Board (as shown in Fig.3) and place the transmitter away from the metal frame. After connecting the external reed sensor, please use a pair of pliers or cutter to break the plastic of the wiring inlet (refer to Fig. 4), and place the wire across the wiring inlet before closing the cover.*

- *For quick mounting, you may use the supplied double-stick tape and Velcro to attach magnet and transmitter.*

C. Testing

1. Momentarily open the door/window, and verify the transmission LED lights, showing that transmission is in progress.
2. If the TX-3DS has been enrolled in the LS-30 Base Unit, the Base Unit will respond accordingly when the door or window is opened. After testing, close the top cover of the transmitter and tighten it with the screw.

SPECIFICATIONS

Supervision: sends heartbeat signal at 60-minute interval. When Tamper or Low Battery condition is detected, it reports automatically.

Power Source: two AAA alkaline batteries.

Current Drain: 5uA @ standby, 20mA @ operation

Estimated Battery Life: 3 years (@ actuated 10 times/day)

Transmitter Size: 20 x 29 x 123.5 mm

Transmitter Weight (w/o battery): about 34g

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.

