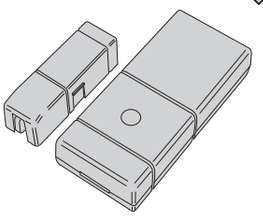
DXS-36AF

SUPERVISED DOOR/WINDOW TRANSMITTER

Installation Instructions



AlarmForce Industries Inc.
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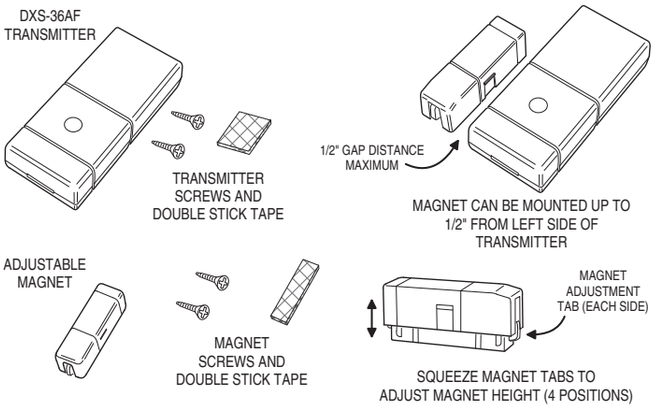
Toronto, ON M9L 1R2, Canada

DXS-31AF FEATURES & ACCESSORIES



PRODUCT DESCRIPTION

The DXS-36AF is a battery powered stationary transmitter designed for use with AlarmForce receivers. Triggering the transmitter with its built-in magnetic switch or an external switch sends a digitally coded wireless signal to its companion receiver. The DXS-36AF can send five different signals: alarm, restore, low battery, status, and tamper.

The digital code format used in the transmitter features over a million possible codes. The transmitter is pre-coded at the factory to a unique system code, so no field coding is required. The receiver must be programmed to the transmitter's system code before testing and operation. Refer to the receiver's instructions for details on programming.

In a typical installation, the magnet is mounted on a door or window and the transmitter is mounted on the frame. When the magnet moves more than 1/2" away from the transmitter, an alarm signal is sent. When the magnet returns next to the unit, a restore signal is sent. The magnet is adjustable with four height positions. A 1/4" high magnet spacer is also supplied to snap on to the base of the magnet.

Alarms and restores can also be sent from external normally closed contacts wired to the transmitter's external switch input terminals. The two screw terminals are for connection to one normally closed external contact or multiple normally closed external contacts wired in series. External contacts wire through an opening in the rear of the case.

An internal jumper selects which switch input to use. Selections are: internal magnetic switch only, external switch only, or both external and internal switch.

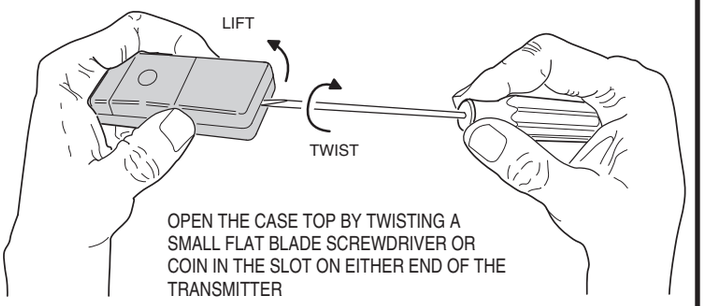
Approximately every two hours, the DXS-36AF will send a status signal to the receiver. The status signal updates the receiver to the transmitter's current condition. By monitoring status signals, the receiver can determine if a transmitter has a low battery or has been removed from the system.

Pressing the test button on the case sends a test signal that updates the receiver with the current state of the transmitter. When the test button is pressed, the transmit indicator lights. For two minutes after the test button is pressed, the indicator will light each time the unit sends a signal. The indicator light shines through the transmitter case.

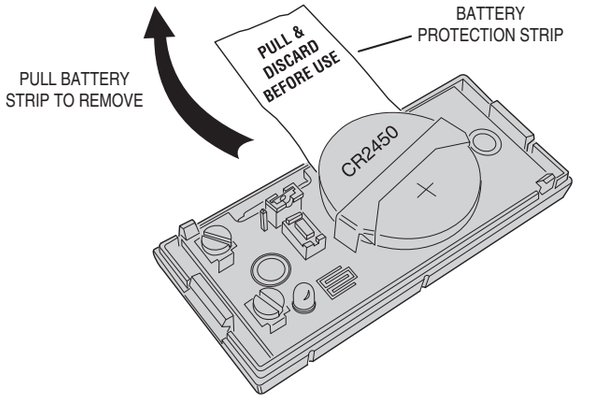
The transmitter contains a feature to detect unauthorized tampering. When the transmitter's case is opened, a tamper signal is sent to the receiver.

The transmitter is powered from one Type 2450 3-Volt lithium battery with an expected battery life of up to 5 years.

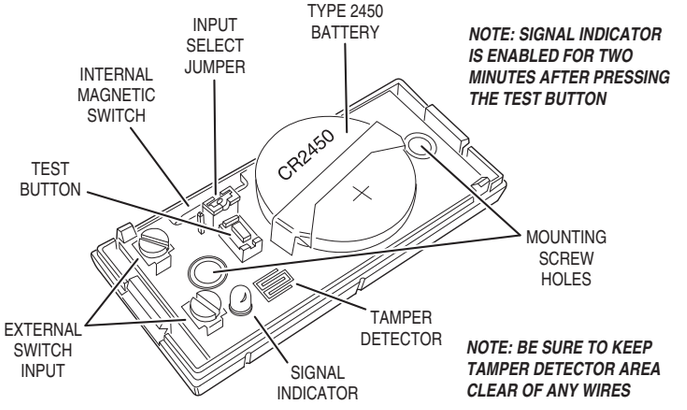
OPENING CASE



REMOVE BATTERY PROTECTION STRIP



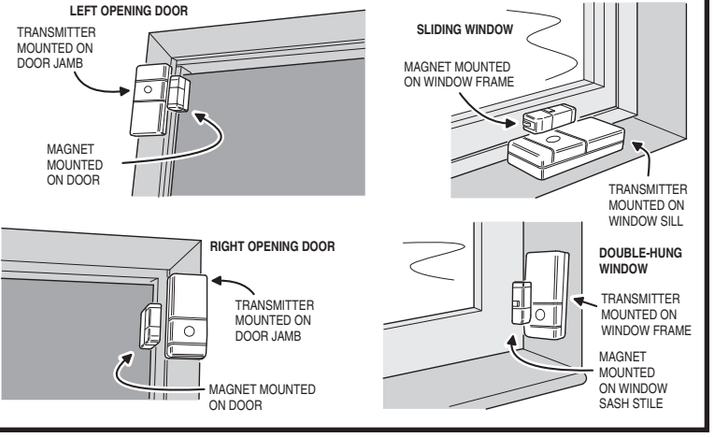
COMPONENT LOCATIONS



NOTE: SIGNAL INDICATOR IS ENABLED FOR TWO MINUTES AFTER PRESSING THE TEST BUTTON

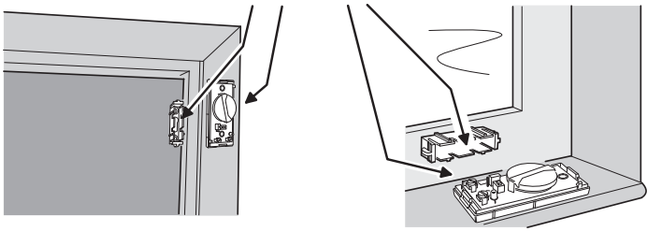
NOTE: BE SURE TO KEEP TAMPER DETECTOR AREA CLEAR OF ANY WIRES

EXAMPLE INSTALLATIONS



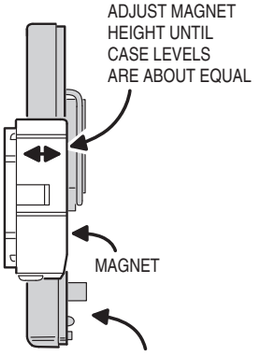
TRANSMITTER MOUNTING

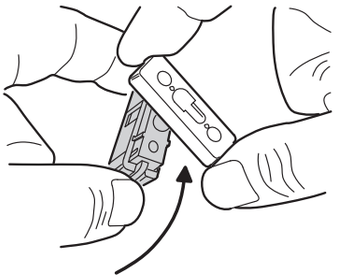
ATTACH TRANSMITTER AND MAGNET
USING THE SCREWS OR THE
DOUBLE-STICK TAPE PROVIDED



NOTE: ATTACHING THE TRANSMITTER WITH DOUBLE-STICK TAPE IS NOT ALLOWED IN UL INSTALLATIONS

ADJUSTING MAGNET HEIGHT





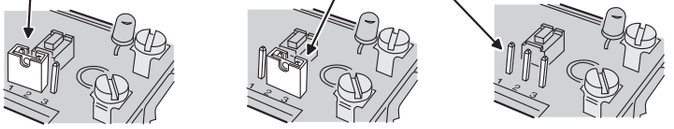
THE SNAP-ON MAGNET SPACER
CAN BE USED TO ADD 1/4" HEIGHT
TO THE MAGNET (SPACERS CAN ALSO
BE SNAPPED TOGETHER FOR MORE LIFT)

OPTION JUMPER POSITIONS

JUMPER ON 2 & 3 SELECTS
EXTERNAL SWITCH TERMINALS

JUMPER ON 1 & 2 SELECTS
INTERNAL MAGNETIC SWITCH

NO JUMPER SELECTS BOTH THE
INTERNAL MAGNETIC SWITCH AND
THE EXTERNAL SWITCH TERMINALS

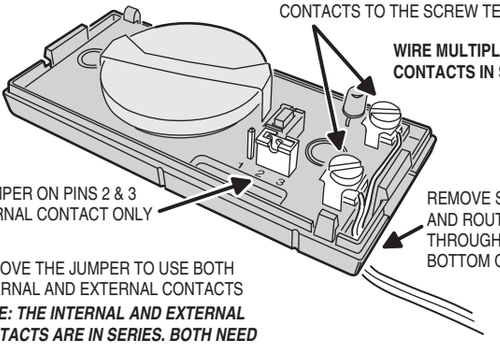


INTERNAL **EXTERNAL** **BOTH**

CONNECTING EXTERNAL CONTACTS

WIRE EXTERNAL **NORMALLY CLOSED**
CONTACTS TO THE SCREW TERMINALS

WIRE MULTIPLE EXTERNAL CONTACTS IN SERIES



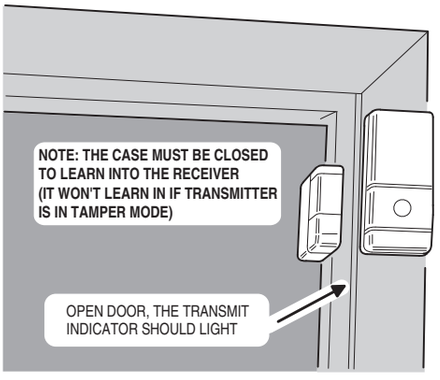
PLACE JUMPER ON PINS 2 & 3
FOR EXTERNAL CONTACT ONLY

REMOVE SEALING PLUG
AND ROUTE WIRES
THROUGH SLOT IN
BOTTOM OF CASE

REMOVE THE JUMPER TO USE BOTH
INTERNAL AND EXTERNAL CONTACTS

NOTE: THE INTERNAL AND EXTERNAL CONTACTS ARE IN SERIES. BOTH NEED TO BE <u>CLOSED</u> TO RESTORE THE TRANSMITTER

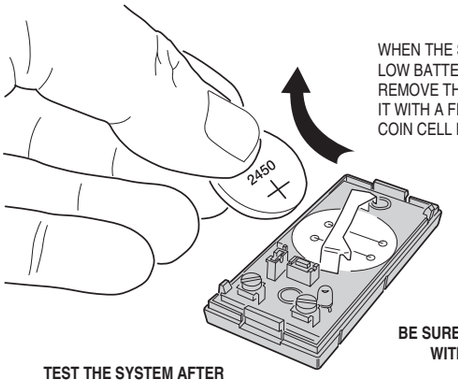
PROGRAMMING RECEIVER



1. PLACE RECEIVER INTO PROGRAM OR "LEARN" MODE
2. PRESS THE TRANSMITTER'S TEST BUTTON
3. ACTIVATE TRANSMITTER BY OPENING DOOR OR WINDOW
4. VERIFY THAT THE RECEIVER ACCEPTED THE SIGNAL
5. REPLACE TRANSMITTER COVER WHEN FINISHED

NOTE: THE TRANSMIT INDICATOR WILL ONLY LIGHT DURING TRANSMISSIONS FOR TWO MINUTES AFTER PRESSING THE TEST BUTTON

CHANGING THE BATTERY



WHEN THE SYSTEM INDICATES A
LOW BATTERY FOR THE TRANSMITTER,
REMOVE THE OLD BATTERY AND REPLACE
IT WITH A FRESH TYPE 2450 3-VOLT
COIN CELL BATTERY

BE SURE TO INSTALL THE BATTERY WITH THE PLUS SIDE UP !!!

TEST THE SYSTEM AFTER CHANGING THE BATTERY

- The radios are required to comply with IC Rules and Regulations. As such, they have limited transmitter power and therefore limited range.
- A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- Infrequently used radio links should be tested regularly to protect against undetected interference or fault.
- A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

This equipment has been tested and found to comply with the limits for Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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

This device conforms to Industry Canada's rules. Any changes to the equipment, not expressly approved by Linear LLC, could void the user's authority to operate the equipment.

Cet appareil est conforme aux règlements de l'Industrie Canada. Tout changement à l'équipement, sans le consentement exprès de Linear LLC, peut résulter à l'annulation de l'autorité confiée à l'usager d'opérer cet équipement.