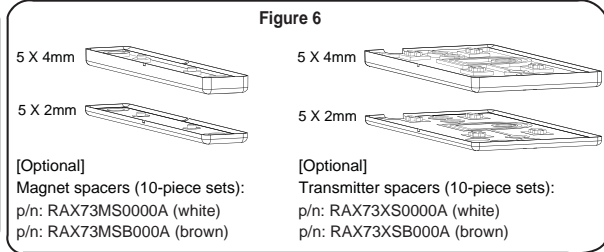
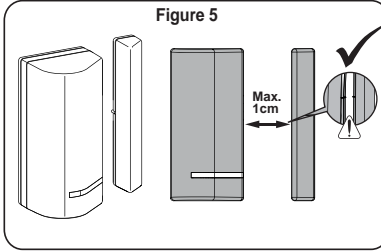
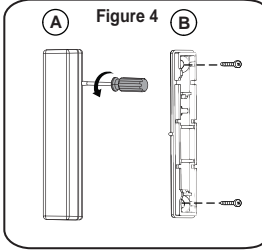
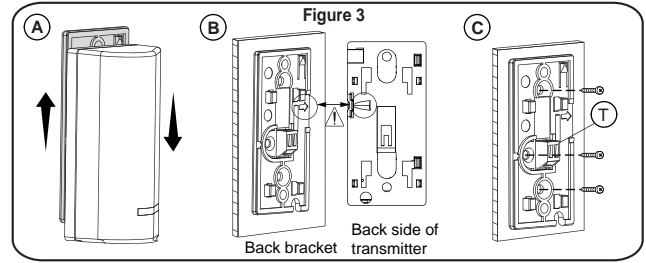
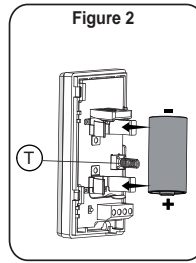
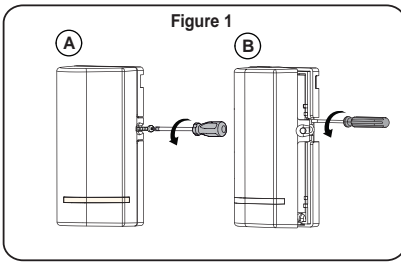


**2-Way Wireless
Magnetic Door/Window Contact
with Shutter
(Model RWX73M)**



© RISCO Group 10/2014



5IN2255 B

MAIN FEATURES

- Communication: Bi-directional
- Range: up to 300 m (1,000 ft.) range line of sight
- Supervision: Up to 255 minutes
- Selective input termination : NO, NC, DEOL, shutter
- Selective input response: 10 / 500 ms
- Tamper protection: back + cover

Spacer Part No.	Description
RAX73XS0000A	Transmitter spacers x 10, white (5 x 4mm + 5 x 2mm)
RAX73XS0000B	Transmitter spacers x 10, brown (5 x 4mm + 5 x 2mm)
RAX73MS0000A	Magnet spacers x 10, white (5 x 4mm + 5 x 2mm)
RAX73MS0000B	Magnet spacers x 10, brown (5 x 4mm + 5 x 2mm)

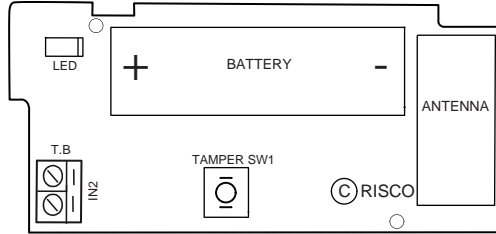
English GENERAL DESCRIPTION

The RWX73M is a 2-way supervised transmitter that combines the Magnetic/Door Contact (against opening doors and windows) with an additional universal input or shutter.

The RWX73M operates with RISCO's 2-way wireless systems.

OPERATION MODE

The RWX73M reports events from IN2 and from the magnetic reed switch. In normal operation mode, an alarm is sent when the input or magnet are triggered. When restored, it transmits a restoral message.



RTTE Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the CE Declaration of Conformity please refer to our website: www.riscogroup.com

EN 50131-2-6 Grade 2 Environmental Class II

INSTALLATION

Step 1: Transmitter-to-Receiver Communication Setup

The RWX73M must identify itself to the system's receiver by writing its coded message into the receiver's address memory.

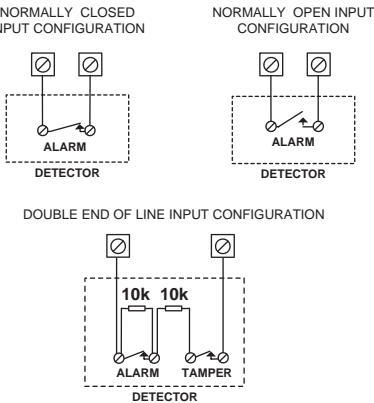
This registration is performed either by entering the RWX73M's 11-digit serial code number or by performing the following RF allocation steps:

1. Remove the front cover (Fig 1)
2. Set the main unit to Learn mode.
3. Remove the battery from the insulation material and reinsert it into the transmitter, paying attention to the polarity (Fig. 2).
4. Send a write message by pressing the front tamper switch (without detaching the back bracket) for at least 3 seconds until panel recognition is displayed (Fig. 2).

NOTE: Wait at least 1 minute before closing the front cover.

Step 2: Input Wiring

Use the following diagrams for appropriate input termination wiring. For DEOL termination connect two 10 K Ohm resistors (supplied) illustrated as follows:



Step 3: Selecting the Mounting Location

1. Select a location best suited for communication quality and near the intended wired detector. It is recommended to place the unit at the highest possible position.
2. Temporarily attach the unit to this point using two-sided adhesive tape.
3. Generate an alarm signal (by momentarily opening or closing the input terminals) and verify that the receiver has received the signal. If the alarm signal is not detected, reposition the transmitter and try again.

Step 4: Mounting (Fig. 3 -- Fig. 6)

1. Detach the back of the transmitter from the back bracket (Fig. 3A). At mounting location note the alignment marks for both components (Fig. 3B), and then install accordingly using 2 mounting screws and back tamper screw (Fig. 3C).
2. Detach magnet casing (Fig. 4A) and install with mounting screws (Fig. 4B).
3. Optionally, mount spacer(s) for transmitter and/or magnet as required (Fig. 6), positioned between the back bracket and the mounting surface.

Notes:

1. It's best to mount the transmitter on the non-moving part (door/window frame), and the magnet on the moving part.
2. Spacers are purchased separately (see table above).
3. The mark on the magnet's case must be aligned with the mark on the transmitter's case (Fig. 5).
4. For installations on wood or alloy, the maximum distance for normal operation is 10 mm (1 cm), while for metal ferromagnetic materials (such as iron) it is 5 mm (Fig. 5).

Step 5: Defining Parameters

The following parameters can be defined for RWX73M:

Parameter	Option
Supervision	Yes/No
LED Enable	Yes/No
Magnet	Enable/Disable
Alarm Hold	On/Off
Termination	IN2: NO/NC/DEOL/Shutter
Response	10 ms / 500 ms
Shutter pulse	01 - 16*

* If defined

LED INDICATION

- Upon successful learning: short flash sequence
- Normal operation: brief light upon transmission
- Low battery: short flash sequence during transmission

TECHNICAL SPECIFICATIONS

ELECTRICAL	
Battery Type:	CR123 3V Lithium Battery
Current Consumption:	11µA standby RWX73M86800B 868.65 MHz RWX73M43300B 433.92 MHz
Frequency:	
Dead Time (HOLD ON):	2.5 minutes
Supervision Transmission:	0-255 minutes
Modulation Type:	ASK
Battery Life:	3 years typical
Contact Size:	32 x 35 x 72 mm (1.3 x 1.4 x 2.8 in.)
Magnet Size:	16 x 11 x 72 mm (0.6 x 0.44 x 2.8 in.)
ENVIRONMENTAL	
RF immunity:	According to EN 50130-4
Operating temperature:	-10° C to 55° C (14° F to 131° F)
Storage temperature:	-20° C to 60° C (-4° F to 140° F)
Specifications are subject to change without prior notice. Should any questions arise please contact your supplier.	

RISCO Group Limited Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose. In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay. Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection.

Seller, in no event shall be liable for any direct or indirect damages or any other losses occurred due to any type of tampering, whether intentional or unintentional such as masking, painting or spraying on the lenses, mirrors or any other part of the detector.

Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such event will not occur or that there will be no personal injury or property loss as a result thereof. Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.

CAUTION: risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

Contacting RISCO Group

Hahoma 14, Rishon LeZion, ISRAEL

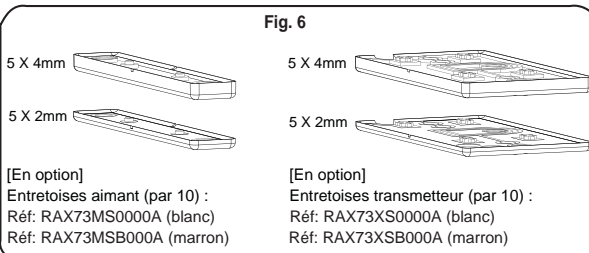
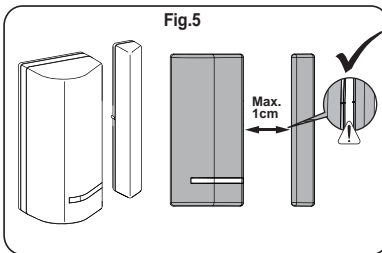
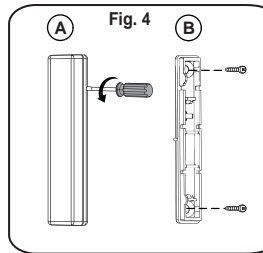
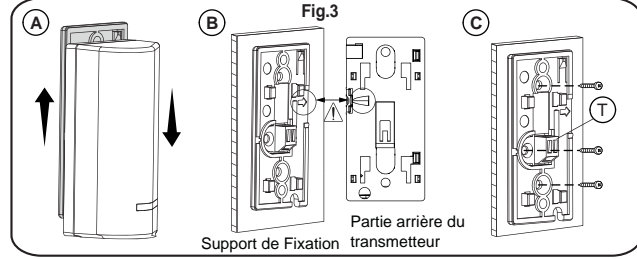
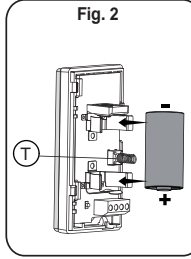
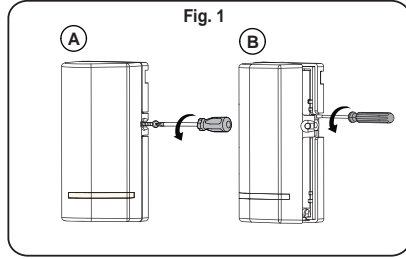
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AUSTRALIA Tel: +1800-991-542 E-mail: support-au@riscogroup.com	ISRAEL Tel: +972-3-963-7777 E-mail: support@riscogroup.com

**Contact Magnétique
Porte/Fenêtre (Obturateur)
sans-fil bidirectionnel
(Model RWX73M)**



RISCO
GROUP
Creating Security Solutions
with Care.
riscogroup.com

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[En option]
Entretoises aimant (par 10) :
Réf: RAX73MS0000A (blanc)
Réf: RAX73MSB000A (marron)

[En option]
Entretoises transmetteur (par 10) :
Réf: RAX73XS0000A (blanc)
Réf: RAX73XS0000A (marron)

Français DESCRIPTION GENERALE

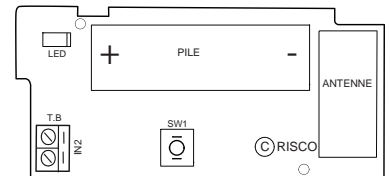
Le RWX73M est un transmetteur bidirectionnel supervisé combinant un contact magnétique de portes/fenêtres et une entrée additionnelle ou obturateur. Le RWX73M fonctionne avec les récepteurs sans fil bidirectionnels du Groupe RISCO.

Mode Opérationnel

Le RWX73M rapporte les événements de l'entrée IN2 et de l'interrupteur magnétique (ILS). En mode normal de fonctionnement l'alarme est envoyée lorsque l'entrée ou l'aimant sont déclenchés. Lors d'une restauration, il transmet un message de rétablissement.

PRINCIPALES CARACTERISTIQUES

- Communication: Bidirectionnelle
- Portée de fonctionnement jusqu'à 300 m (1000 ft) (en extérieur)
- Supervision: jusqu'à 255 minutes
- Terminaison de zone sélective: NO, NC, DEOL, obturateur
- Temps de réponse de zone sélectif: 10/500ms
- Protection anti-sabotage: Arrière + Couvercle



RISCO Group Limited Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose. In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever. Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay. Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Seller, in no event shall be liable for any direct or indirect damages or any other losses occurred due to any type of tampering, whether intentional or unintentional such as masking, painting or spraying on the lenses, mirrors or any other part of the detector. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such event will not occur or that there will be no personal injury or property loss as a result thereof. Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller. No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.
CAUTION: risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

Déclaration de conformité

Par la présente, RISCO Group déclare que le détecteur RWX73M a été conçue conformément aux normes: RTC 50131-2-6, EN50131-2-6 Grade 2 Class II, Environmental Class II, IP31 IK 04

Organisme de certification

AFNOR CERTIFICATION: 11 rue Fedex de Pressensé 93571 LA PLAINE SAINT-DENIS Cedex, <http://www.marque-nf.com>
CNPP Cert: BP 2265, 27950 ST MARCEL, <http://www.cnpp.com>
certificat number: 212200013B0

Déclaration de Conformité RTTE

Par la présente, RISCO Group déclare que cet accessoire est en conformité avec les conditions essentielles et à d'autres dispositions appropriées de la directive 1999/5/EC. Pour obtenir la copie complète de conformité, référez-vous à notre site web : www.riscogroup.com

NF Ce produit répond aux exigences du référentiel de certification NF324-H58 pour la classification 2 boucliers, et de la RTC 50131-2-6.

Contacter RISCO Group

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- Etas-Unis** Tel: +1-631-719-4400 E-mail: support-usa@riscogroup.com

INSTALLATION

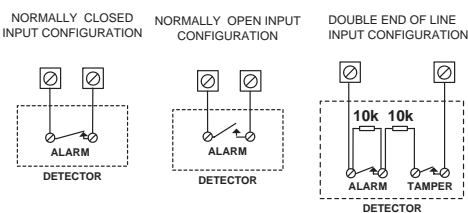
**Etape 1: Etablissement de la communication
Transmetteur/ Récepteur**

Le transmetteur RWX73M doit s'identifier auprès du récepteur du système en inscrivant ses messages codés dans le registre d'adresses du récepteur. Cet enregistrement se fera soit en entrant le numéro de série à 11 chiffres du RWX73M ou en au moyen des étapes suivantes par allocation RF:

1. Retirez le couvercle frontal comme l'indique le schéma en fig.1
2. Réglez le récepteur en mode écriture (suivez pour cela les instructions correspondantes).
3. Retirez la pile de sa protection isolante et insérez-la dans le transmetteur en respectant la polarité indiquée (cf. fig. 2).
4. Envoyez un message d'écriture en appuyant sur le ressort d'autoprotection avant (sans détacher le support de fixation arrière) pendant au moins 3 secondes, jusqu'à ce que la centrale confirme la reconnaissance (Fig. 2).
NOTE: Attendez au moins 1 minute avant de fermer le couvercle frontal.

Etape 2: Câblage de Entrées

Utilisez les schémas ci-dessous pour le câblage de terminaison d'entrée approprié. Pour la terminaison DEOL, veuillez connecter deux résistances 10K ohms (fournies) comme illustré ci-dessous:



Etape 3: Choix de l'emplacement de l'installation

1. Choisissez l'emplacement le mieux adapté pour assurer la qualité de la communication, tout en restant au plus près du détecteur filaire prévu. Risco recommande de placer l'unité en position la plus haute possible.
2. Fixez provisoirement l'appareil à ce point à l'aide d'un ruban adhésif double face.
3. Générez un signal d'alarme (en ouvrant ou en fermant momentanément les bornes d'entrée) et vérifiez que le récepteur a bien reçu le signal. Si le signal d'alarme n'est pas détecté, remplacez le transmetteur et essayez à nouveau.

Etape 4: Montage (Fig. 3 - Fig. 6)

1. Détachez la partie arrière du transmetteur du support de fixation (Fig. 3A). A l'emplacement de fixation, notez l'alignement des marques des 2 parties (Fig. 3B) et fixez en utilisant 2 vis de fixation, et une vis pour l'autoprotection (Fig. 3C).
2. Ouvrez l'aimant (Fig. 4A) et installez-le avec des vis de fixation (Fig. 4B).
3. En option, montez les entretoises du transmetteur et/ou de l'aimant si nécessaire (Fig. 6), positionnés entre le support de fixation et la surface de montage.

Notes:

1. Il est préférable de monter le transmetteur sur une partie qui ne bouge pas (cadre de fenêtre/porte), et l'aimant sur la partie qui bouge.
2. Les entretoises sont commandées séparément (voir tableau).
3. La marque du boîtier de l'aimant doit être alignée à la marque du boîtier du transmetteur.
4. Pour les installations sur bois, la distance maximum est de 10mm (1cm), et sur matériaux en métal (comme le fer), elle est de 5mm (Fig.5).

Etape 5: Définition des paramètres

Les paramètres suivants peuvent être définis pour le RWX73M:

Paramètres	Option
Supervision	Oui/Non
LED validée	Oui/Non
Magnétique	Activé/Désactivé
Alarme Méorisée	On/Off
Terminaison	IN2: NO/NC/DEOL, Obturateur
Réponse	10ms/500ms
Impulsion obturateur	01--16*

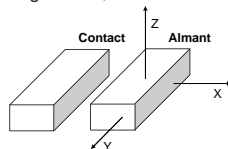
*Si défini

SPECIFICATIONS TECHNIQUES

ELECTRIQUES
Type de Pile: Pile Lithium 3V CR123
Batterie Basse 2.6V
Consommation électrique: 11µA au repos, 40 mA max.
RWX73M86800B 868.65 MHz
RWX73M43300B 433.92 MHz
Fréquence:
Temps mort (Attente): 2.5 minutes
Supervision Transmission: 0-255 minutes
Type de Modulation: ASK
Durée de vie de la pile: 3 ans (selon usage)
Taille Contact: 32 x 35 x 72 mm
Taille Aimant: 16 X 11 X 72 mm

ENVIRONNEMENTALES
Immunité RF: Conforme à EN50130-4
Température de fonctionnement: -10°C--55°C
Température de stockage: -20°C--60°C

Ces spécifications sont susceptibles d'être modifiées sans avis préalable.
Pour tout renseignement, veuillez contacter votre revendeur.



	Bois		Fer doux	
	Ouverture	Fermeture	Ouverture	Fermeture
X	50mm	44mm	23mm	21mm
Y	85mm	75mm	55mm	45mm
Z	27mm	25mm	23mm	18mm

La tolérance de mesure est de +/- 20%

INDICATEUR LED

- Lors de la réussite de l'apprentissage: séquence de clignotement courte
- Fonctionnement normal: bref allumage lors de la
- Pile faible: clignotement court lors de la transmission