

BATTERY OPERATED PASSIVE INFRARED DETECTOR
RX CORE SERIES
RXC-RST

EN INSTALLATION INSTRUCTIONS

- FR CONSIGNES D'UTILISATION
- DE INSTALLATIONSANLEITUNG
- IT ISTRUZIONI INSTALLAZIONE
- ES INSTRUCCIONES DE INSTALACIÓN
- PT INSTRUÇÕES DE INSTALAÇÃO

The nix sign indicates prohibition.

1 PARTS IDENTIFICATION

- FR Identification des pièces
- DE Teilekennzeichnung
- IT Descrizione delle parti
- ES Identificación de las partes
- PT Identificação das partes

Screw kit
 For wall mounting
 Screw (3 × 16 mm) × 3

2 INSTALLATION HINTS

- FR Conseils d'installation
- DE Installations-Tipps
- IT Indicazioni installazione
- ES Recomendaciones de instalación
- PT Dicas de instalação

* Do not obscure partially or completely the detector's field of view.

Note>>

RXC-RST shall be mounted in a position where expected intrusion is in perpendicular the detection patterns.

3 INSTALLATION

- FR Installation
- DE Installation
- IT Installazione
- ES Instalación
- PT Instalação

3-1 WIRELESS TRANSMITTER PREPARATION

Unit: mm (inch)

Connectors to be used
 Connector for POWER and ALARM
 Connector for TROUBLE

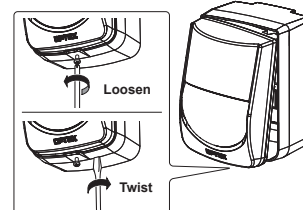
How to position a battery
 Red
 Black

3-2 WIRING DIAGRAM

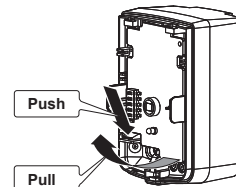
Main unit side	Transmitter side
Red: Power input (+)	Red
Black: Power input (-)	Black
White: Alarm	White
Yellow: Alarm	Yellow
Green: Trouble	Green
Blue: Trouble	Blue
Brown: Wall tamper	Brown
Orange: Wall tamper	Orange
Gray: Wall tamper	Gray

3-3 MOUNTING

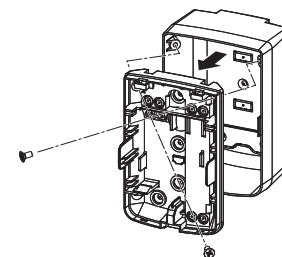
1 Remove the cover.



2 Remove the board.

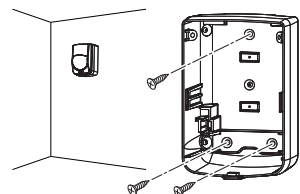


3 Separate the chassis from the back box.

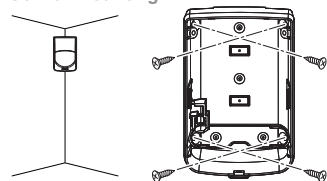


4 Mount the back box to the wall.

Backside mounting >>



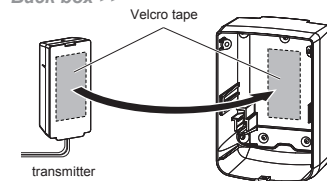
Corner mounting >>



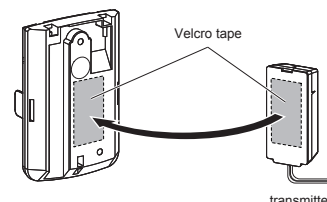
Note>>
 Mounting screws are not included.

5 Mount the Wireless transmitter to the backbox or backside of the chassis.

Back box >>



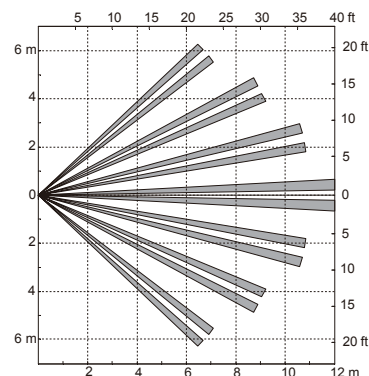
Backside of the chassis >>



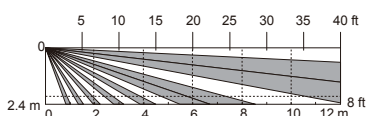
4 DETECTION ZONE

- FR Zone de détection
- DE Erfassungsbereich
- IT Zona di rilevazione
- ES Zona de detección
- PT Zona de detecção

TOP VIEW

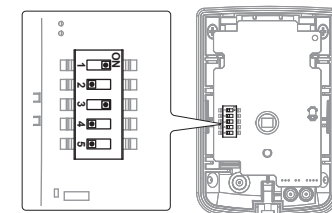


SIDE VIEW



5 SWITCH SETTING

- FR Reglages des interrupteur DIP
- DE Schaltereinstellungen
- IT Impostazione dei selettori
- ES Ajuste del conmutador DIP
- PT Ajuste da chave DIP



- DIP switch**
- 1 WALK TEST MODE
 - 2 LED
 - 3,4 PIR SENSITIVITY
 - 5 ALARM & TROUBLE OUTPUT

-WALK TEST MODE DIP switch 1

POSITION	FUNCTION
TEST (Factory default)	The LED lights irrespective of the DIP switch 2 (LED) setting.
NORM	The LED lights depending on the DIP switch 2 (LED) setting.

Note>>
 Once any output is activated, the battery saving circuit requires 2 minutes of inactivity before the next output.

-LED DIP switch 2

POSITION	FUNCTION
ON	LED ON
OFF (Factory default)	LED OFF <i>Note>></i> If the LED lights, check the DIP switch 1 (WALK TEST MODE) setting.

-PIR SENSITIVITY DIP switch 3,4

POSITION	FUNCTION
Low sensitivity	
Middle sensitivity (Factory default)	
High sensitivity	
Super High sensitivity	

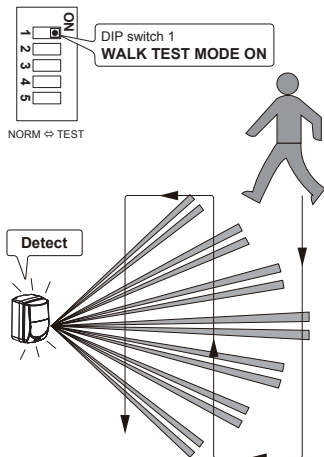
-ALARM & TROUBLE OUTPUT DIP switch 5

POSITION	FUNCTION
N.O.	N.O. output
N.C. (Factory default)	N.C. output

N.C. ⇔ N.O.

6 WALK TEST

- FR Test de marche
- DE Gehtest
- IT Test camminata
- ES Prueba de funcionamiento
- PT Teste de funcionamento



Caution>>
After completing a walk test, always set the unit to NORM position for operation.
Using the unit in TEST mode will shorten the battery life.

Note>>
Conduct a walk test at least once a year.

8 SPECIFICATIONS

- FR Caractéristiques
- DE Technische Daten
- IT Specificazioni
- ES Especificaciones
- PT Especificações

- EN Specifications and design are subject to change without prior notice.
- FR Conception et spécifications sont sujettes à changement sans préavis.
- DE Spezifikationen und Design können sich ohne vorherige Ankündigung ändern.
- IT Le specificazioni e il design sono soggetti a cambiamenti senza notifica anticipata.
- ES Las especificaciones y diseño están sujetos a cambios sin aviso previo.
- PT Especificações e modelos estão sujeitos a mudanças sem aviso prévio.

Model	RXC-RST
Detection method	Passive Infrared
Coverage	12 m x 12 m (40 ft x 40 ft) 85° wide
Detection zones	78 zones
Mounting height	1.5 to 2.4 m (5 to 8 ft)
LED alarm indicator	Switchable ON/OFF
Alarm period	Approx. 2.5 sec
Alarm output	0.01 A max. (Operating voltage)
Trouble output	0.01 A max. (Operating voltage)
Sensitivity/range	Switchable LOW/MID/HI/SuperHI
Warm up period	Approx. 60 sec. (LED blinks.)
Power input	3 to 3.6 V
Current draw	6 µA (In Stand by), 3 mA (In Walktest, LED on)
Dimensions	97.2 mm x 65.2 mm x 78.5 mm <HxWxD>
Weight	Approx. 145 g
Operating temperature	-10°C to +50°C (-14°F to +122°F)
Environment humidity	95% max.
RF interference	No alarm 10V/m

Modèle	RXC-RST
Méthode de détection	Infrarouge passif
Couverture	12 m sur 12 m 85° de largeur
Zones de détection	78 zones
Hauteur de montage	1,5 à 2,4 m
Indicateur LED pour alarme	Commuteur ON/OFF
Période d'alarme	Env. 2,5 s
Sorties alarme	0,01 A max. (Tension de fonctionnement)
Sortie problème	0,01 A max. (Tension de fonctionnement)
Sensibilité/étendue	Commuteur LO/MID/HI/SuperHI
Préchauffage	Env. 60 s (La LED clignote.)
Alimentation	3 à 3,6 V
Consommation de courant	6 µA (En veille), 3 mA (En Test de marche, LED ON)
Dimensions	97,2 mm x 65,2 mm x 78,5 mm (HxLxP)
Poids	Env. 145 g
Température de régime	-10°C à +50°C
Humidité ambiante	95% max.
Interférence en Radio-Fréquence	Pas d'alarme à 10 V/m

Modell	RXC-RST
Erfassungsmethode	Passiv-Infrarot
Erfassungsbereich	12 m x 12 m 85° breit
Erfassungszonen	78 Zonen
Montagehöhe	1,5 bis 2,4 m
LED-Alarmanzeige	EIN/AUS-umschaltbar
Alarm-Periode	Ca. 2,5 Sek.
Alarmausgang	0,01 A max. (Betriebsspannung)
Fehlerausgang	0,01 A max. (Betriebsspannung)
Empfindlichkeit	LOW/MID/HI/SuperHI einstellbar
Aufwärmperiode	Ca. 60 Sek. (LED blinkt.)
Betriebsspannung	3 bis 3,6 V
Stromaufnahme	6 µA (In Standby), 3 mA (Im Gehtest, LED ein)
Abmessungen	97,2 mm x 65,2 mm x 78,5 mm (HxBxT)
Temperaturbereich	Ca. 145 g
Betriebstemperatur	-10°C bis +50°C
Umgebungsfeuchte	95 % max.
HF-Störfestigkeit	Kein Alarm bei 10 V/m

Modello	RXC-RST
Modalità di rilevamento	Infrarossi passivi
Copertura	12 m x 12 m apertura 85°
Zone di rilevazione	78 zone
Altezza allestimento	da 1,5 a 2,4 m
LED allarme indicatore	Interruttore ON/OFF
Periodo allarme	Appross. 2,5 sec
Output allarme	0,01 A massimi (Tensione di funzionamento)
Uscita guasto	0,01 A massimi (Tensione di funzionamento)
Sensibilità/portata	Impostabile su LOW/MID/HI/SuperHI
Periodo di riscaldamento	Appross. 60 sec (Il LED lampeggia)
Tensione di alimentazione	da 3 a 3,6 V
Assorbimento di corrente	6 µA (a riposo), 3 mA (In prova di movimento, LED acceso)
Dimensioni	97,2 mm x 65,2 mm x 78,5 mm <AxLxP>
Peso	Appross. 145 g
Temperatura in funzione	Da -10°C a +50°C
Umidità ambientale	Massimo 95%
Interferenza RF	Nessun allarme 10 V/m

Modelo	RXC-RST
Método de detección	Infrarrojo Pasivo
Cobertura	12 m x 12 m 85° ancho
Zonas de detección	78 zonas
Altura de montaje	De 1,5 a 2,4 m
LED indicador de alarma	Seleccionable ON/OFF
Periodo de alarma	Aprox. 2,5 seg.
Salida alarma	0,01 A máx. (Voltaje de funcionamiento)
Salida de problemas	0,01 A máx. (Voltaje de funcionamiento)
Sensibilidad/alcance	Cambiar LOW/MID/HI/SuperHI
Periodo de calentamiento	Aprox. 60 seg. (Parpadeo del LED)
Entrada corriente	De 3 a 3,6 V
Consumo de corriente	6 µA (En modo espera), 3 mA (En modo prueba de paso, LED iluminado)
Dimensiones	97,2 mm x 65,2 mm x 78,5 mm <AxAnxP>
Peso	Aprox. 145 g
Temperatura de trabajo	De -10°C a +50°C
Humedad del entorno	95% máx.
Interferencia RF	No alarma 10 V/m

Modelo	RXC-RST
Método de Detecção	Infravermelho Passivo
Cobertura	12 m x 12 m 85° largura
Zonas de Detecção	78 zonas
Altura de Montagem	1,5 à 2,4 m
Indicador de alarme LED	Selecionável Liga/Desliga
Período do alarme	Aprox. 2,5 seg.
Saída do alarme	0,01 A máx. (Tensão de funcionamento)
Saída problemas	0,01 A máx. (Tensão de funcionamento)
Sensibilidade/alcance	LOW/MID/HI/SuperHI Permutável
Periodo de ambientação	Aprox. 60 seg. (LED pisca.)
Alimentação	3 à 3,6 V
Consumo atual de corrente	6 µA (Em standby), 3 mA (Em walktest, com LED ligado)
Dimensões	97,2 mm x 65,2 mm x 78,5 mm <Alt.xLar.xDim.>
Peso	Aprox. 145 g
Temperatura de funcionamento	De -10°C à +50°C
Umidade ambiental	95% máx.
Interferência RF	Nenhum alarme até 10 V/m

7 BATTERY

- FR Batterie
- DE Batterie
- IT Batteria
- ES Batería
- PT Bateria

The detector shares the battery with the transmitter. Check that the 2.5 – 3.8 VDC power battery is used for the transmitter.

7-1 HOW TO REPLACE BATTERY

Refer to chapter 3-1 and 3-2.

Note>>
Note the polarity of the battery.
Conduct a walk test after replacing the battery.

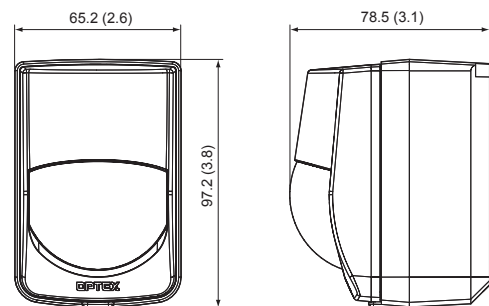
7-2 BATTERY LIFE

The values indicated are only for reference on condition that the detector is exceptionally operated by the sole battery.
It is impossible to indicate the battery life under the normal operation as the battery in the transmitter is shared with the detector.

	RXC-RST
CR123A (3 VDC, 1300 mAh)	Approx. 10 years

9 DIMENSIONS

- FR Dimensions
- DE Abmessungen
- IT Dimensioni
- ES Dimensiones
- PT Dimensões



Unit: mm (inch)

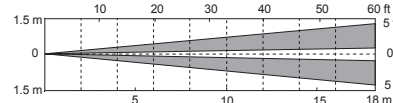
10 OPTION

- FR Options
- DE Alternativ
- IT Opzioni
- ES Opciones
- PT Opções

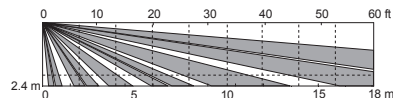


LONG RANGE (OPTIONAL LENS: FL-60N)
18 x 1.8 m (60 x 6 ft.)

TOP VIEW



SIDE VIEW



11 COMPLIANCE

- FR Conformité
- DE Zur Beachtung
- IT Conformità
- ES Conformidad
- PT Conformidade

CE EMC Directive 2004/108/EC
EN 50130-4: 2011
EN 55022: 2010

PD6662: 2010

EN NOTE

This unit is designed to detect movement of an intruder and activate an alarm control panel. Being only a part of a complete system, we can not accept responsibility for any damages or other consequences resulting from an intrusion.

FR NOTE

Cet appareil est fait pour détecter les mouvements intrus et activer un panneau d'alarme. N'étant n'est qu'une partie d'un système complet, nous rejetons toute responsabilité pour tout dommage ou autres conséquences suite à une intrusion.

DE HINWEIS

Dieses Gerät dient zur Erfassung von Eindringlingen und es aktiviert einen Alarm über das Steuerungspanel. Da es nur ein Teil eines kompletten Systems ist, können wir keine Haftung für Schäden oder für die Konsequenzen übernehmen, die aus einem Einbruch resultieren.

IT NOTA

Questa unità è progettata per rilevare i movimenti di eventuali intrusi ed attivare un pannello di controllo per l'allarme. Essendo semplicemente un parte di un sistema completo, non possiamo assumerci alcuna responsabilità per eventuali danni o altri inconvenienti derivati da un'intrusione.

ES NOTA

Esta unidad ha sido diseñada para detectar el movimiento de cualquier intruso y activar un panel de control de alarmas. Es solo una parte de un completo sistema, por lo que nosotros no podemos hacernos responsables de ningún daño u otras consecuencias que se pudieran producir como resultado de una intrusión.

PT NOTA

Esta unidade foi desenhada para detectar movimento de um intruso e activar um painel de controlo de alarme. Sendo apenas uma parte de um sistema completo, não podemos aceitar a responsabilidade por quaisquer danos ou outras possíveis consequências resultantes de uma intrusão.



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