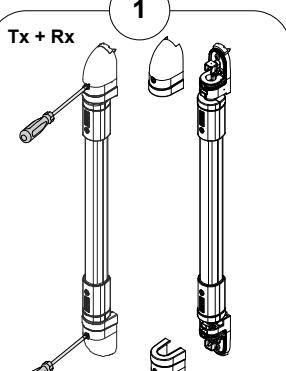


Wireless IR Beam

Model: IR Beam 74

Installation Instructions

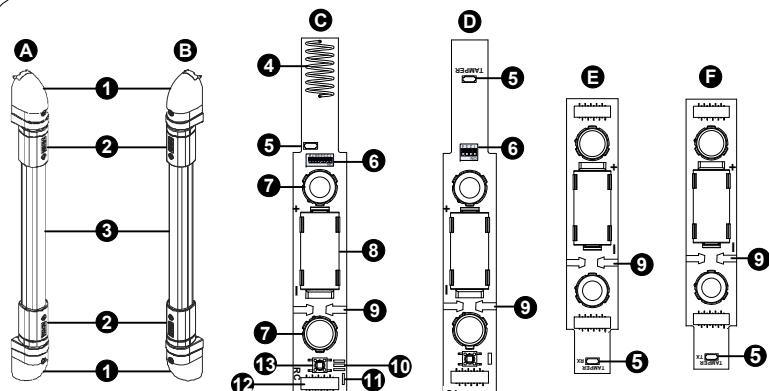


EN Open and remove the tamper covers on the top and bottom of both the Tx and Rx rails.

IT Svitare le viti di blocco e rimuovere le coperture dei Tamper antirimozione superiori e inferiori delle barriere Tx e Rx.

ES Abrir y retirar las cubiertas del tamper de la parte superior e inferior de las barreras Tx y Rx.

FR Ouvrir et enlever les couvercles d'AP sur le haut des rails Tx et Rx.

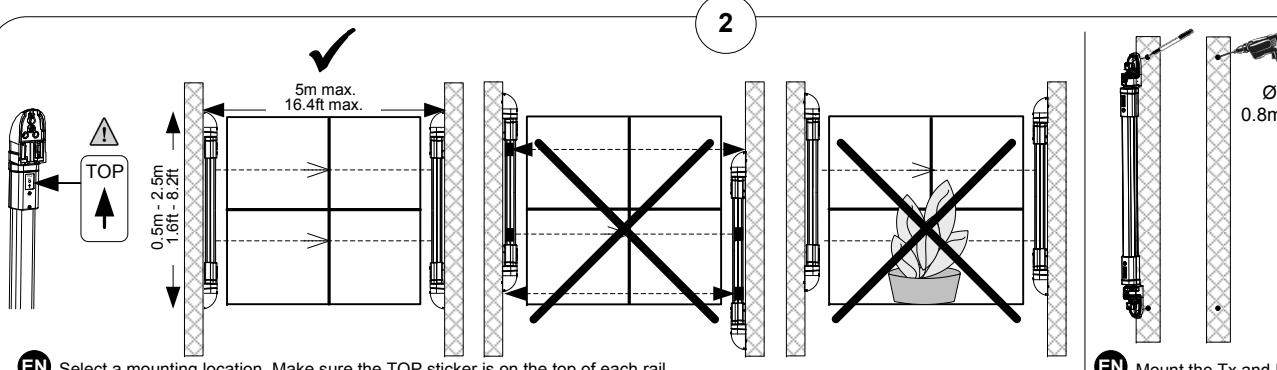


EN	4 Antenna in Receiver Beam
A	5 Wall Tamper Connector
B	6 Dipswitches
C	7 IR Lens
D	8 Battery Compartment
E	9 PCB Spring Locker
F	10 3 LED Bar
G	11 Alarm LED
H	12 Flat Cable Connector
I	13 Tamper Switch

IT	4 Antenna della Barriera Rx
A	5 Connettore per il Tamper Antirimozione
B	6 Microinterruttori
C	7 Lenti IR
D	8 Alloggiamento Batteria
E	9 Clip di fissaggio dell'elettronica
F	10 Barra a 3 Led
G	11 Led Allarme
H	12 Connettore Piatto
I	13 Interruttore Tamper

ES	4 Antena Receptor
A	5 Conector Tamper Pared
B	6 Interruptores DIP
C	7 Lentillas IR
D	8 Compartimento Batería
E	9 Resorte Sujeción PCB
F	10 Barra 3 LED
G	11 LED de Alarma
H	12 Conector Cable Plano
I	13 Interruptor Tamper

FR	4 Antenne du Récepteur
A	5 Connecteur de l'AP à l'arrachement
B	6 Dipswitchs
C	7 Lentilles IR
D	8 Compartiment Batterie
E	9 Ressort de fixation du PCB
F	10 Barre 3 LED
G	11 LED d'alarme
H	12 Câble de connexion plat
I	13 Contact d'AP

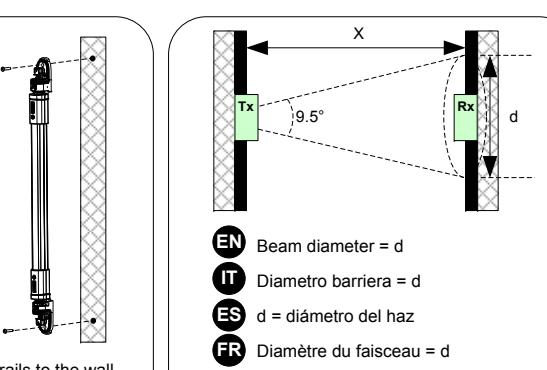


EN Select a mounting location. Make sure the TOP sticker is on the top of each rail.

IT Scegliere un luogo per l'installazione. Assicurarsi che l'adesivo TOP sia posto nella parte superiore di ogni barriera.

ES Seleccionar una ubicación de montaje. Asegurarse que la pegatina TOP está en la parte superior de ambas barreras.

FR Choisir le lieu de montage. S'assurer que l'étiquette TOP est en haut de chaque rail.



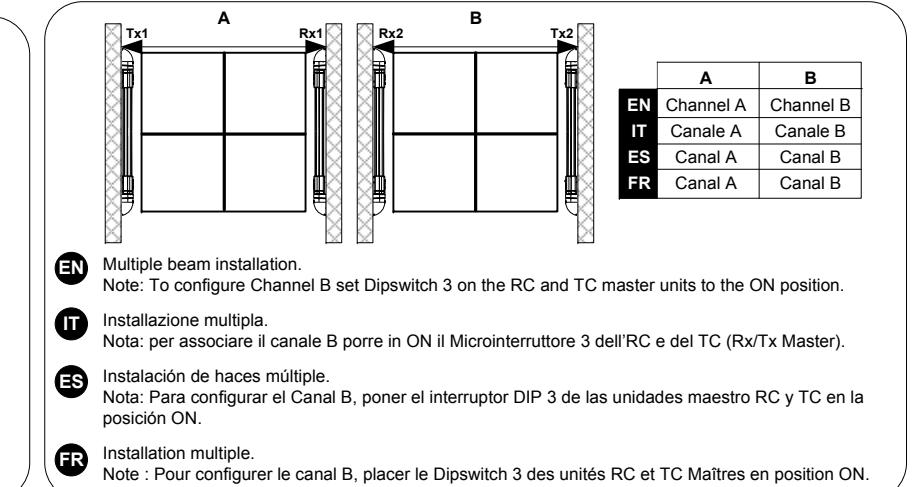
EN Beam diameter = d

IT Diametro barriera = d

ES d = diámetro del haz

FR Diamètre du faisceau = d

d=0.17X
1m (3.2ft) 17cm (0.6ft)
2m (6.5ft) 33cm (1.1ft)
3m (9.8ft) 50cm (1.6ft)
4m (13.1ft) 67cm (2.2ft)
5m (16.4ft) 84cm (2.8ft)



EN Multiple beam installation.

Note: To configure Channel B set Dipswitch 3 on the RC and TC master units to the ON position.

IT Installazione multipla.

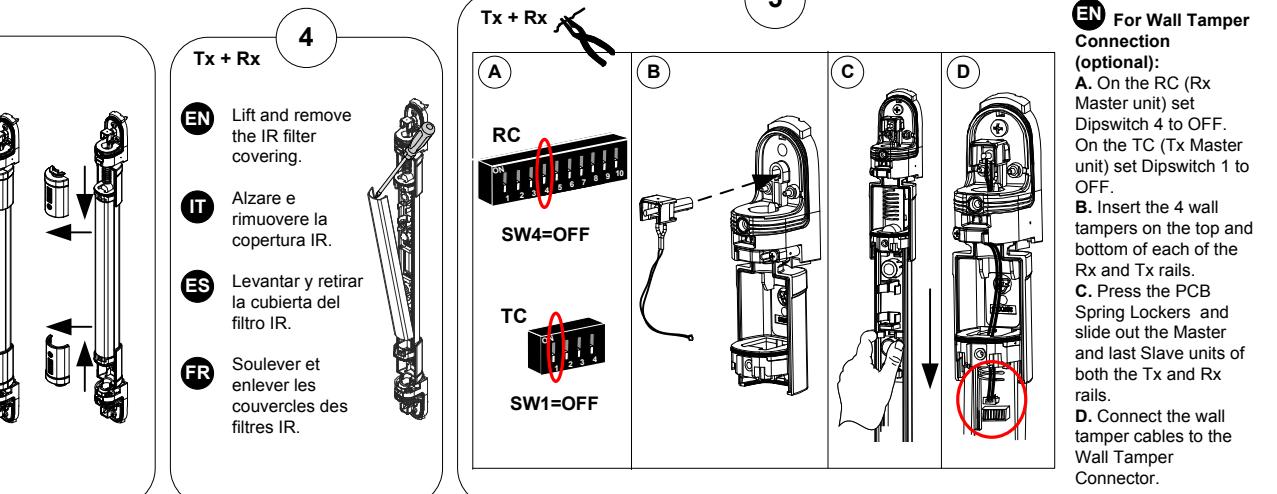
Note: per associare il canale B porre in ON il Microinterruttore 3 dell'RC e del TC (Rx/Tx Master).

ES Instalación de haces múltiples.

Nota: Para configurar el Canal B, poner el interruptor DIP 3 de las unidades maestro RC y TC en la posición ON.

FR Installation multiple.

Note : Pour configurer le canal B, placer le Dipswitch 3 des unités RC et TC Maîtres en position ON.



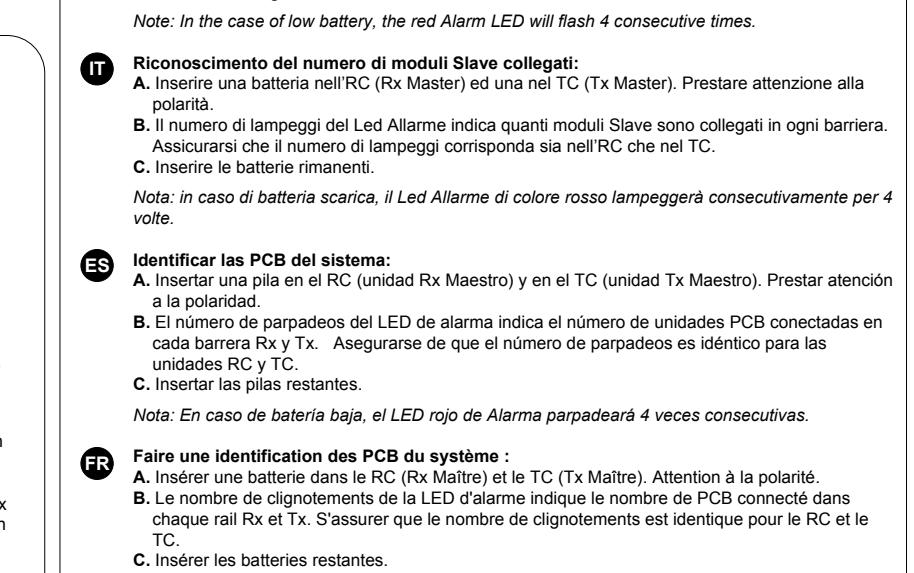
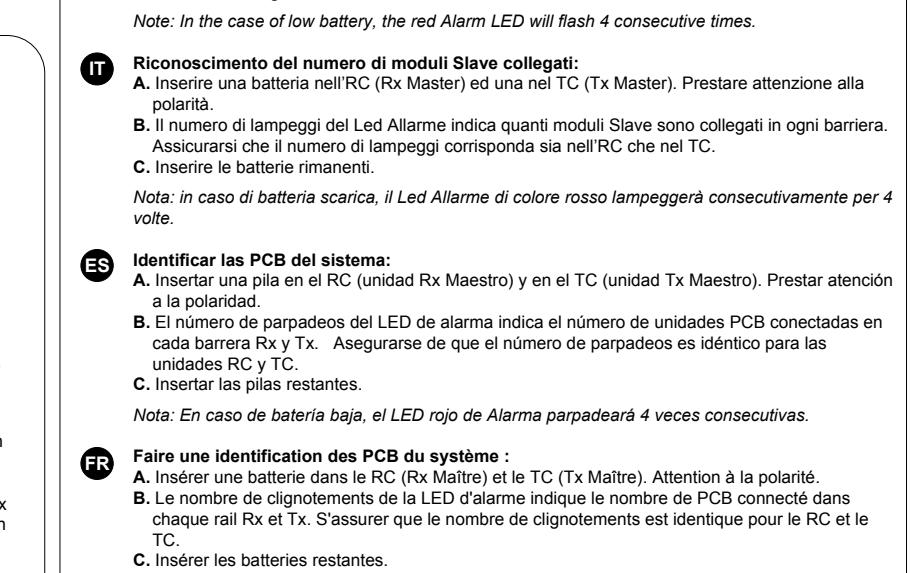
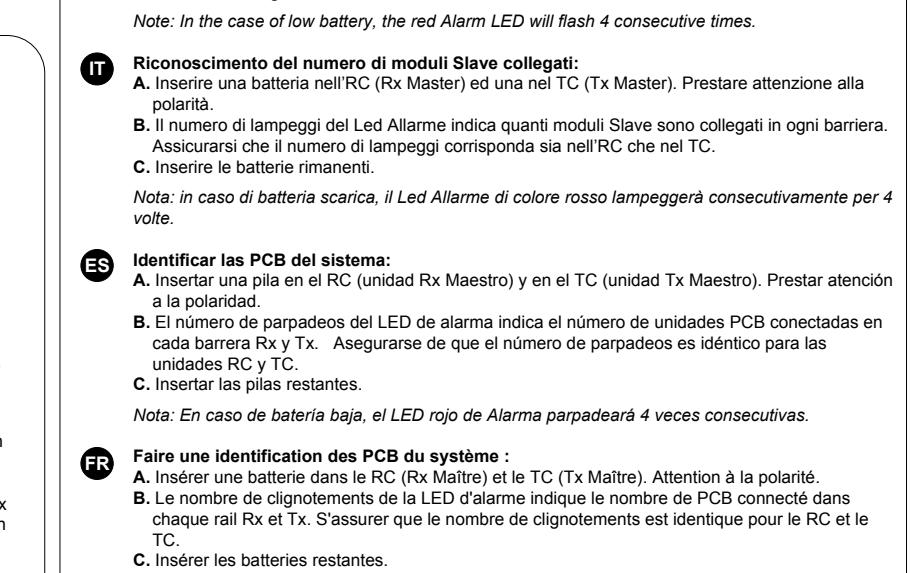
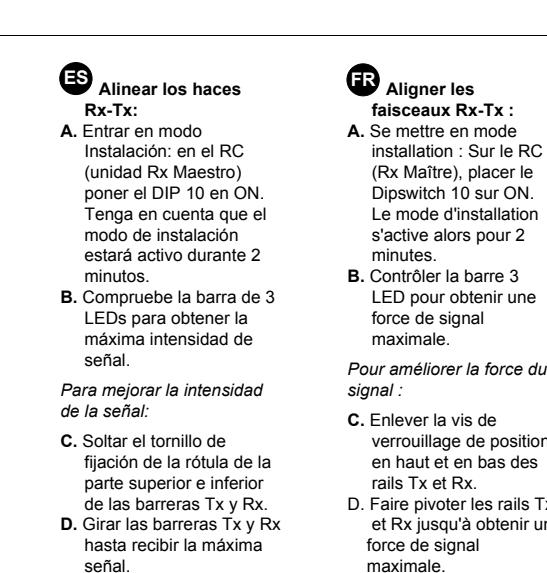
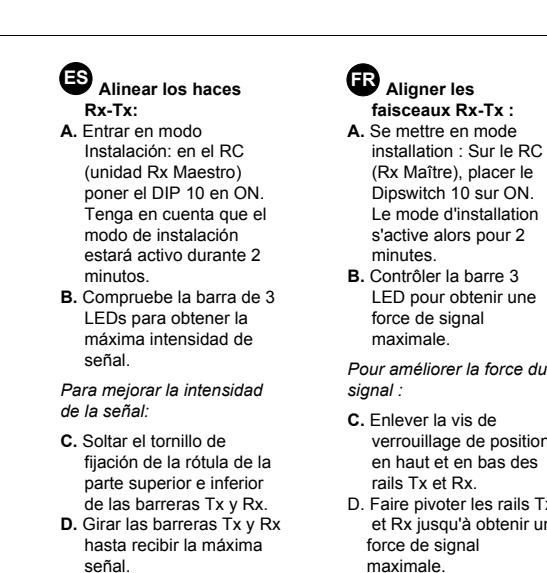
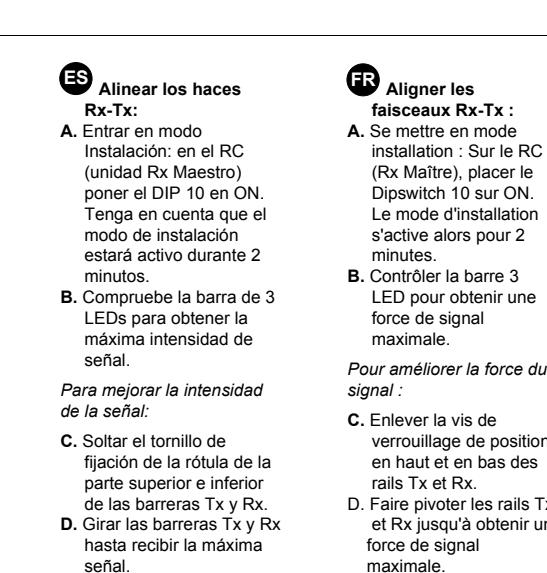
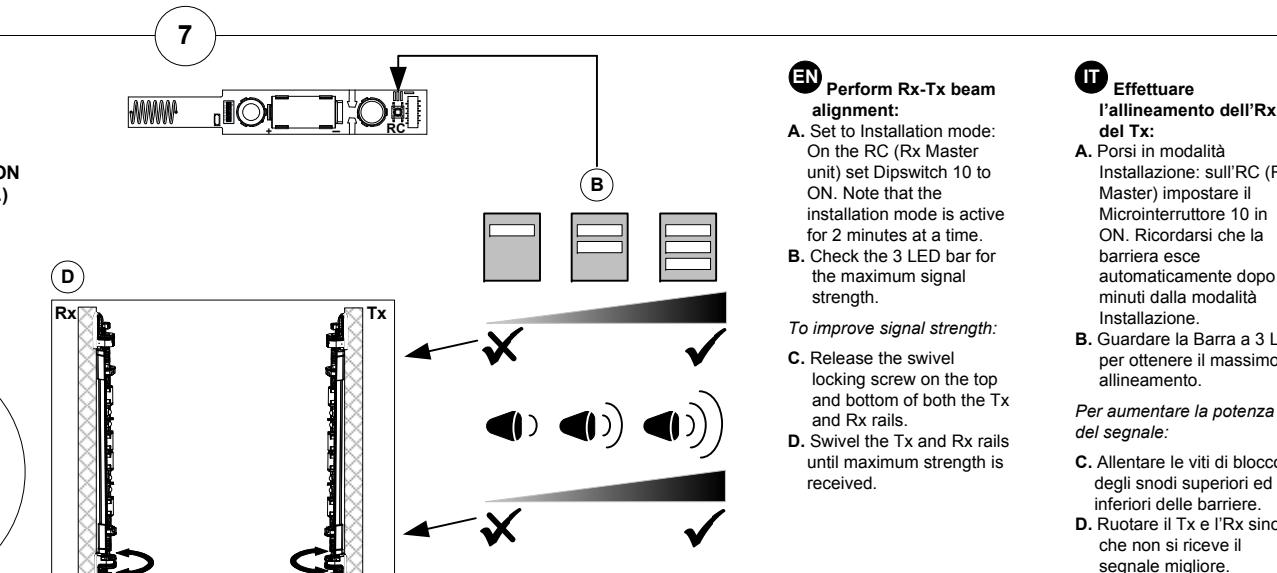
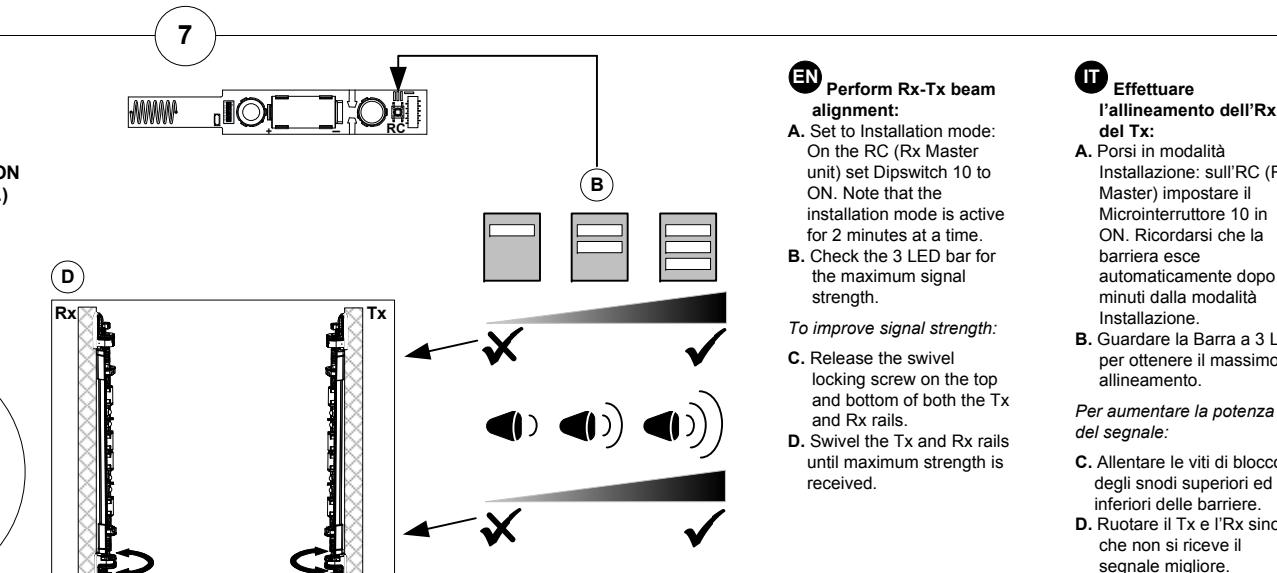
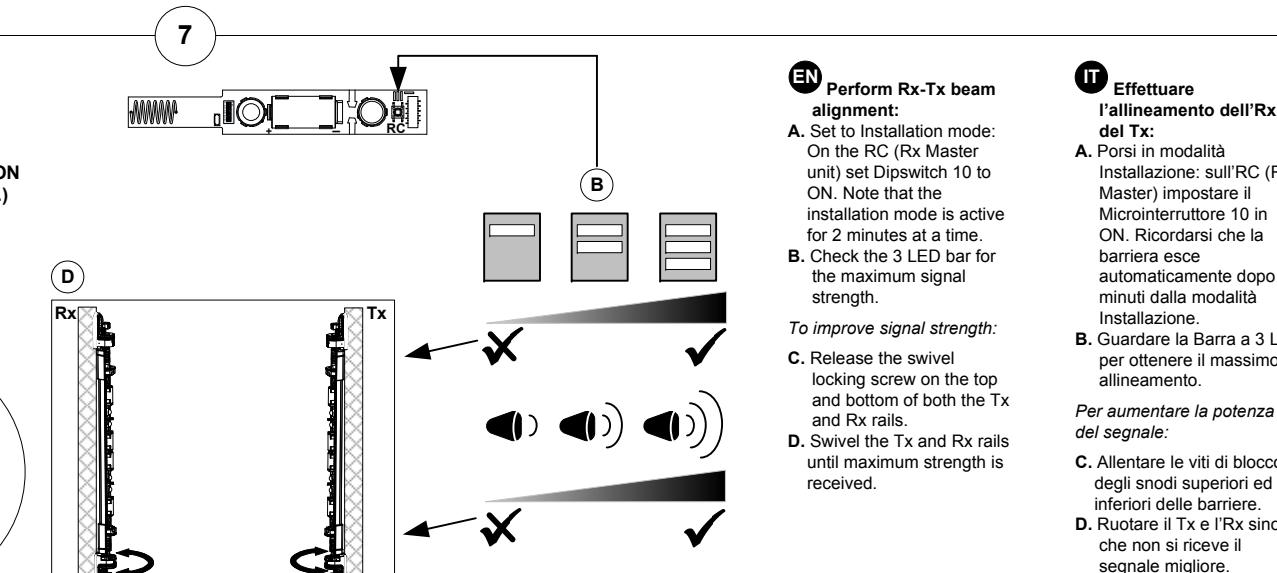
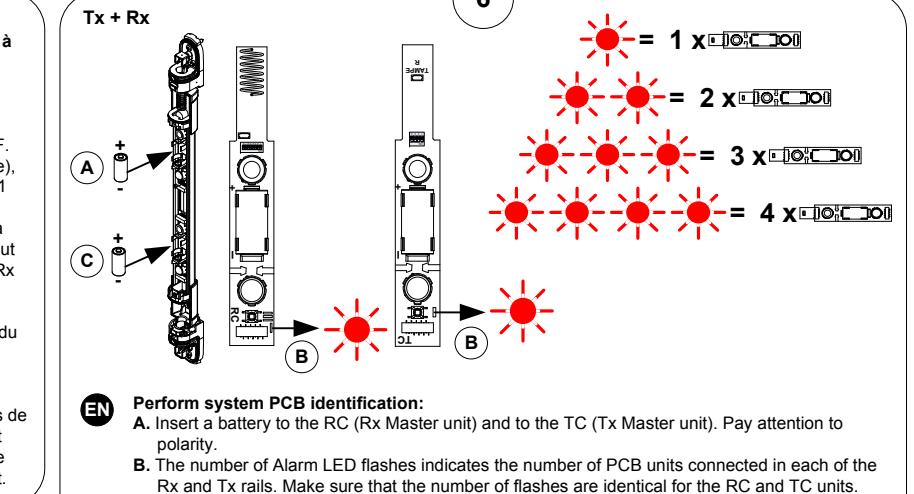
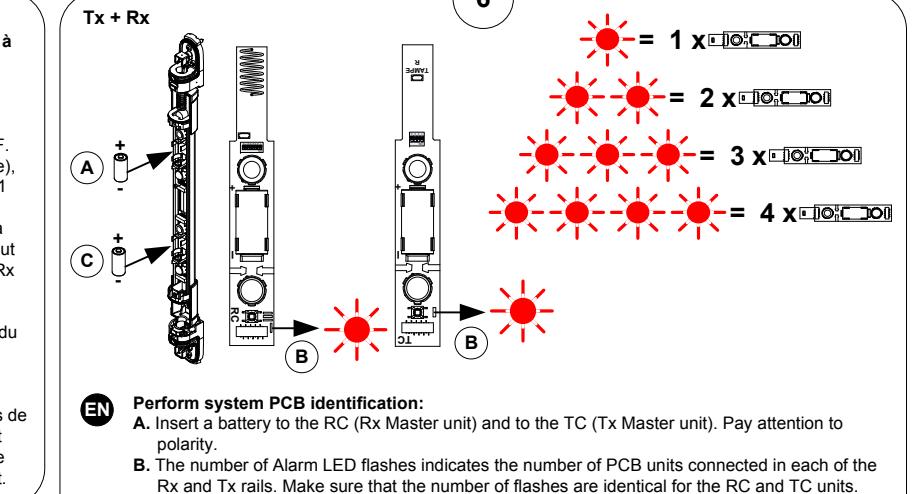
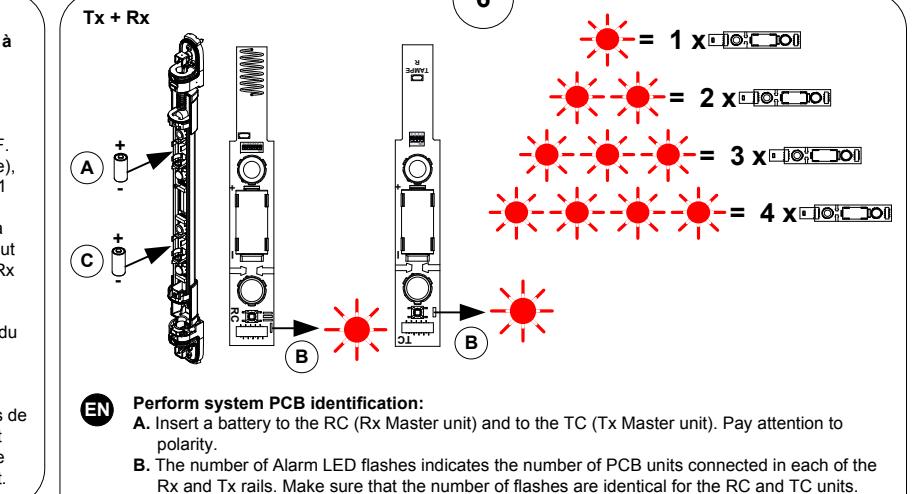
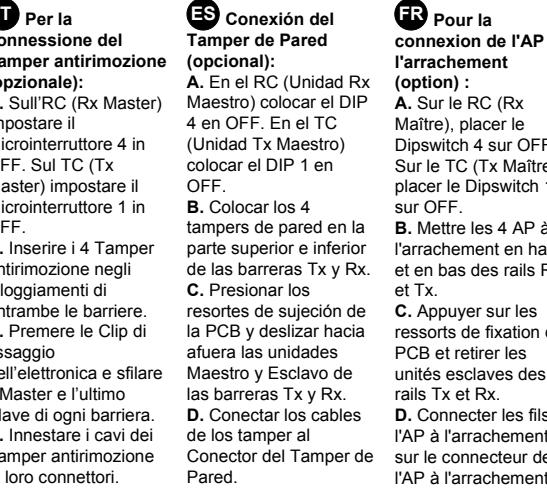
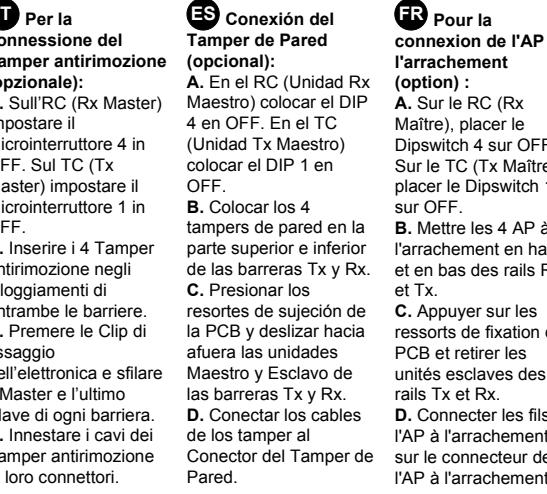
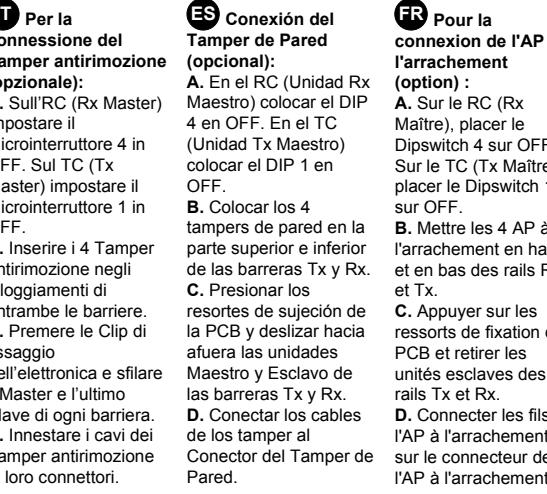
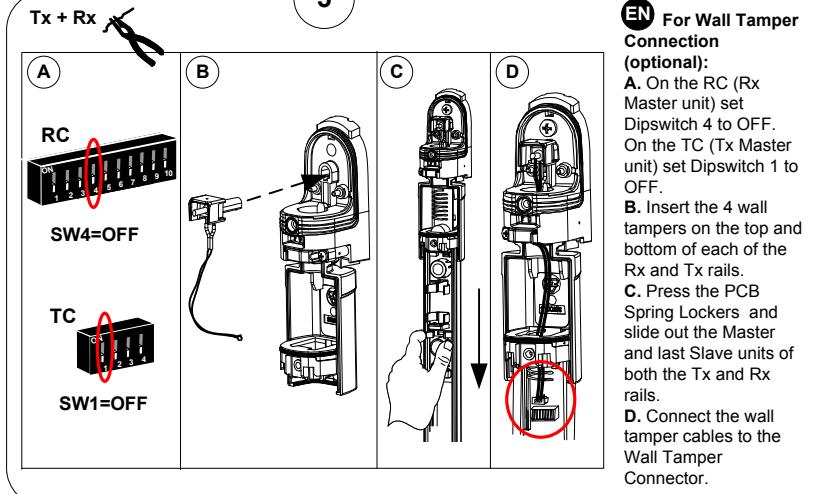
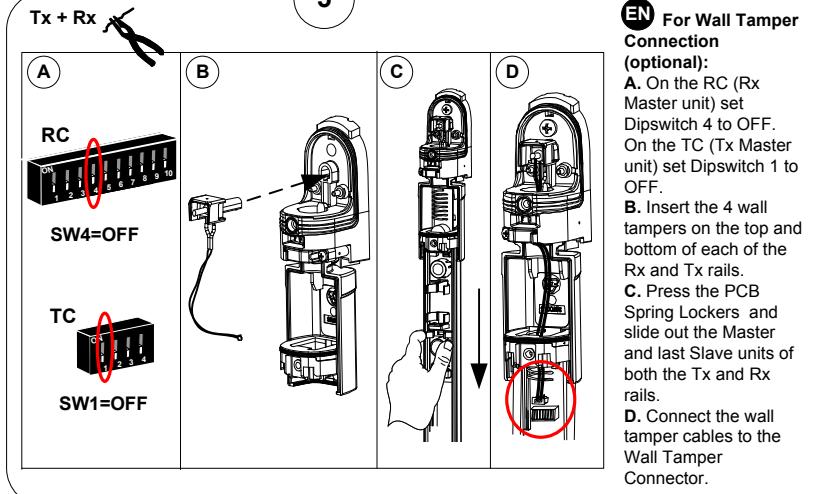
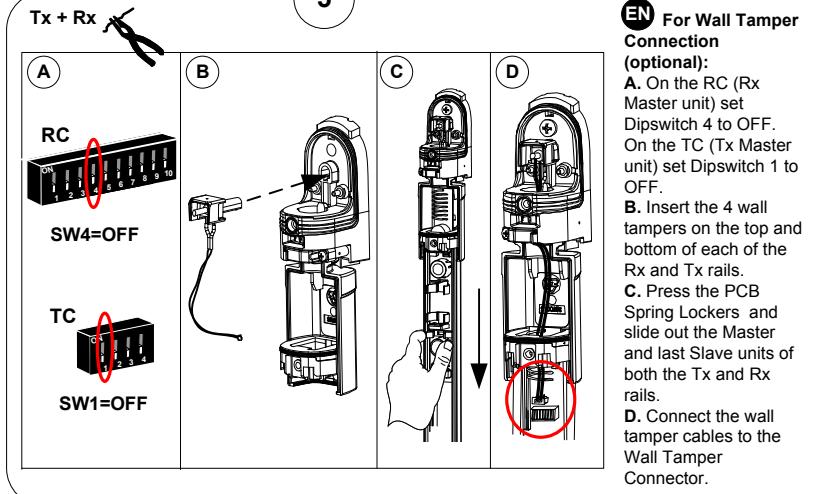
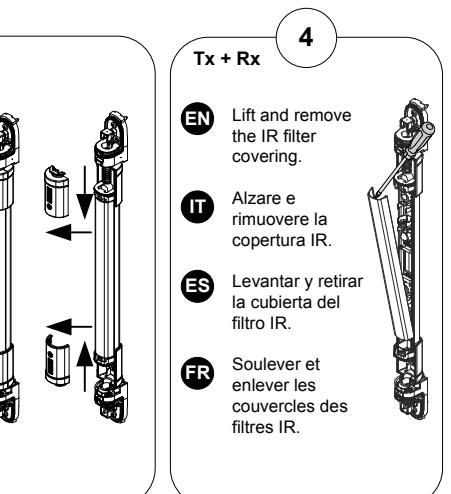
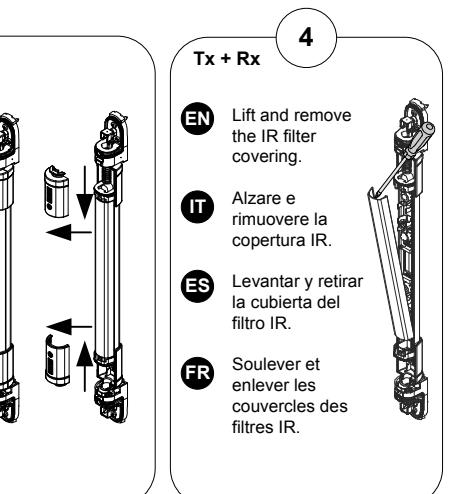
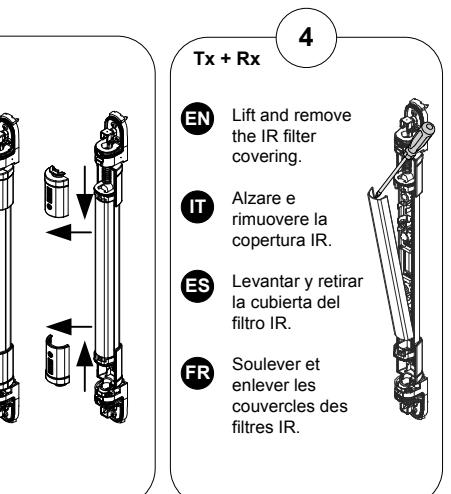
3

EN Remove the swivel covers on the top and bottom of both the Tx and Rx rails.

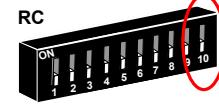
IT Rimuovere le coperture degli snodi superiori ed inferiori di entrambe le barriere.

ES Retirar las cubiertas de la rótula de la parte superior e inferior de las barreras Tx y Rx.

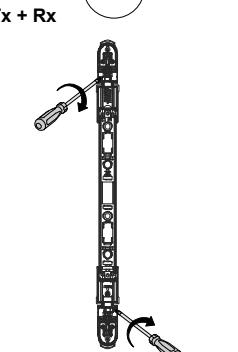
FR Enlever les couvercles des pivots du haut des rails Tx et Rx.



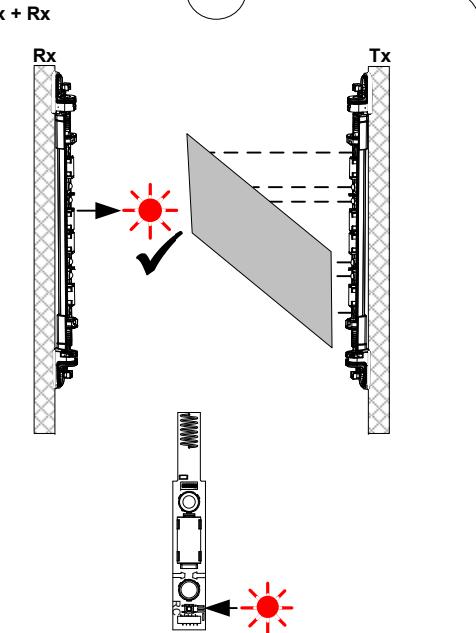
8

EN Return to Normal mode: On the RC set Dipswitch 10 to OFF.**IT** Per tornare in modalità Normale: Sull'RC riportare il Microinterruttore 10 in OFF.**ES** Volver al modo Normal: en el RC poner el DIP 10 en OFF.**FR** Se mettre en mode normal : Sur le RC, placer le Dipswitch 10 sur OFF.

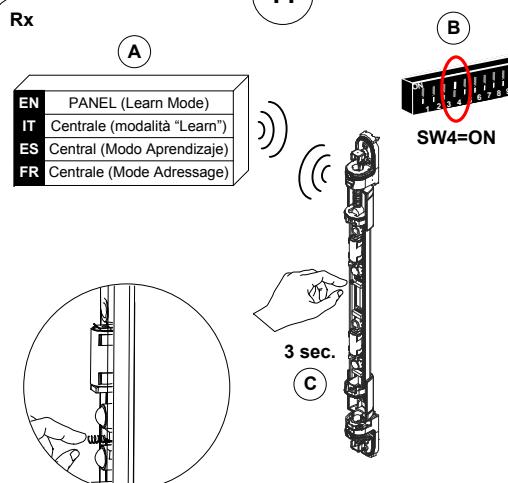
9

**EN** Lock the swivel screws on both the Tx and Rx rails. Make sure that the alignment remains fixed.**IT** Tirare le viti degli nodi su entrambe le barriere. Assicurarsi che durante l'operazione non si disallineino.**ES** Fijar los tornillos de la rótula en las dos barreras Tx y Rx. Asegurarse de que se mantiene la alineación.**FR** Reviser les vis de verrouillage de position des rails Tx et Rx. S'assurer que l'alignement reste fixe.

10



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**EN** Set communication between the RC (Rx Master unit) and the security panel:

- Set the panel to Learn mode.
- Set Dipswitch 4 (Wall Tamper) on the RC to ON.
- Press the tamper spring for 3 seconds.
- If wall tampers have been previously connected (see step 5) set Dipswitch 4 back to the OFF position.

IT Impostare la comunicazione tra l'RC (Rx Master) e la centrale:

- Porre la centrale in modalità "Learn" (Ascolto).
- Spostare il Microinterruttore 4 dell'RC in ON.
- Premere l'interruttore del Tamper per 3 secondi.
- Se sono stati abilitati i Tamper antirimozione (vedere punto 5) riportare il Microinterruttore 4 in OFF.

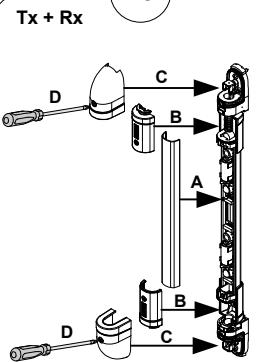
ES Configurar la comunicación entre el RC (unidad Rx Maestro) y la central de seguridad:

- Poner la central en modo Aprendizaje.
- Poner el DIP 4 (Tamper Pared) del RC en ON.
- Presionar el muelle del tamper durante 3 segundos.
- Si se han conectado previamente los tampers (ver paso 5), volver a colocar el DIP 4 en la posición OFF.

FR Paramétrer la communication entre le RC (Rx Maître) et la centrale de sécurité :

- Mettre la centrale en mode Adressage.
- Placer le Dipswitch 4 (AP à l'arrachement) du RC sur ON.
- Appuyer sur le ressort d'AP pendant 3 secondes.
- Si l'AP à l'arrachement a été connectée (voir étape 5), remettre le Dipswitch 4 en position OFF.

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**EN** Technical Specifications

	Receiver	Transmitter
ELECTRICAL		
Batteries	CR123A, 3.0V Lithium Battery	
Battery Life	3 years typical, depends on usage	
Current Consumption (normal mode)	0.5m unit: 60µA[AVR]@3V 1m unit: 100µA[AVR]@3V	50µA[AVR]@3V 70µA[AVR]@3V
RADIO FREQUENCY		
RF Frequency	433.92/868.65MHz	-
Modulation Type	ASK	-
Address Codes	16 million	-
PHYSICAL		
Size (L x W x D)	0.5m unit: 500 x 40 x 42 mm (19.6 in. unit: 19.6 x 1.5 x 1.6 in.) 1m unit: 1000 x 40 x 42 mm (39.3 in. unit: 39.3 x 1.5 x 1.6 in.)	
Weight	0.5m unit: 0.6kg (1.3lb) 1m unit: 1kg (2.2lb) without batteries	
OPTICAL		
Infrared Wave Length	-	940nm
ENVIRONMENTAL		
Operation Temperature	-20°C to +60°C (4°F to 140°F)	
Storage Temperature	-25°C to +60°C (13°F to 140°F)	
RF Immunity	According to EN 50130-4	
IP Rating	IP65	

EN Close the Tx and Rx rails according to the A, B, C, D order in the diagram above.**IT** Chiudere il Tx e l'Rxx seguendo i passi A, B, C, D del diagramma.**ES** Cerrar las barreras Tx y Rx según el orden indicado en el diagrama superior: A, B, C, D.**FR** Fermer les rails Tx et Rx en suivant l'ordre A, B, C, D du diagramme ci-dessus.**IT** Specifiche Tecniche

	Ricevente	Trasmittente
ELETTRICHE		
Batterie	Batterie al Litio CR123A, 3.0V	
Autonomia batterie	3 anni, in base all'uso	
Assorbimento (modalità Normale)	modello da 0,5m: 60µA[AVR]@3V modello da 1m: 100µA[AVR]@3V	50µA[AVR]@3V 70µA[AVR]@3V
FREQUENZA RADIO		
Frequenza RF	433,92/868,65MHz	-
Tipo di modulazione	ASK	-
Combinazioni per l'indirizzo	16 milioni	-
FISICHE		
Dimensioni (L x A x P)	0,5m: 500 x 40 x 42 mm 1m: 1000 x 40 x 42 mm	
Peso	0,5m: 0,6kg 1m: 1kg Senza batterie	
OTTICA		
Lunghezza d'onda dell'infrarosso	-	940nm
AMBIENTALI		
Temperatura operativa	Da -20°C a +60°C	
Temperatura di stoccaggio	Da -20°C a +60°C	
Immunità RF	Conforme alla norma EN 50130-4	
Classe IP	IP65	

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.

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support@riscogroup.com

12

ES Configurar los interruptores DIP de las unidades RC y TC según sea necesario.**RC**

SW	Funzione	Modo	
		OFF	ON
1	Potenza segnale	Alta*	Bassa
2 ⁱ	Sensibilità IR	Bassa*	Alta
3 ⁱⁱ	Canale	A*	B
4	Tamper Antrimozione	Abilitato	Disabilitato*
5	LED Allarme	Abilitato*	Disabilitato
6 & 7 ⁱⁱⁱ	Tempo di Risposta	Vedi Tabella 1	Vedi Tabella 1
8	Supervisione	Ogni 65 minuti*	Ogni 15 minuti
9 ^{iv}	Blocco trasmissioni	2,5 minuti*	Immediate
10	Modalità Installazione	Off*	On

* = Default

SW	Funzione	Modo	
		OFF	ON
1	Tamper Antrimozione	Abilitato	Disabilitato*
2 ⁱ	Sensibilità IR	Bassa*	Alta
3 ⁱⁱ	Canale	A*	B
4	Tamper Pared	Activado	Desactivado*
5	LED Alarma	Activado*	Desactivado
6 & 7 ⁱⁱⁱ	Tiempo Interrupción	Ver Tabla 1	Ver Tabla 1
8	Tiempo Supervisión	Cada 65 min*	Cada 15 min
9 ^{iv}	Tiempo Reposo	2,5 min*	Inmediato
10	Modo Instalación	Off*	On

* = Default

SW	Fonction	Mode	
		OFF	ON
1	Tamper Antrimozione	Activado	Desactivado*
2 ⁱ	Sensibilidad IR	Baja*	Alta
3 ⁱⁱ	Canal	A*	B
4	AP à l'arrachement	Activé	Désactivé*
5	LED d'alarme	Activé*	Désactivé
6 & 7 ⁱⁱⁱ	Temps d'interruption	Voir tableau 1	Voir tableau 1
8	Temps de supervision	Toutes les 65 min*	Toutes les 15 min
9 ^{iv}	Temps mort	2,5 min*	Immédiat
10	Mode d'installation	Off*	On

* = Default

TC

SW	Fonction	Mode	
		OFF	ON
1	Tamper Pared	Activado	Desactiv