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Figure 1: Positioning the detector

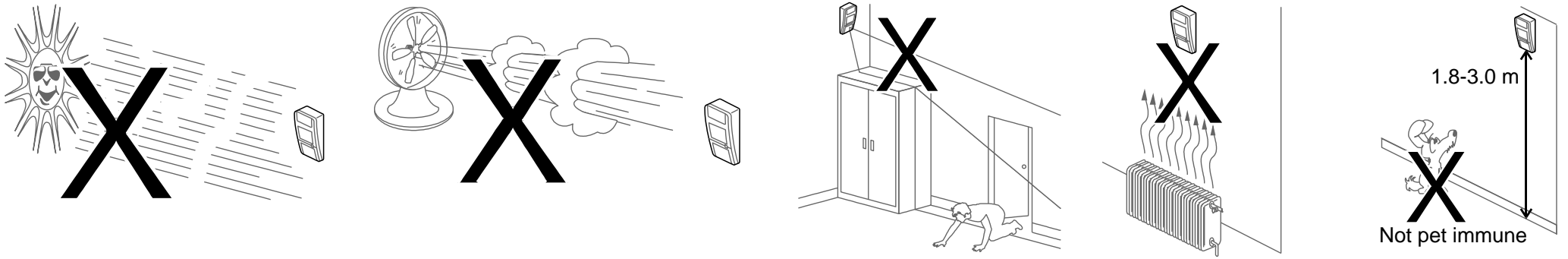


Figure 2: Mounting instructions

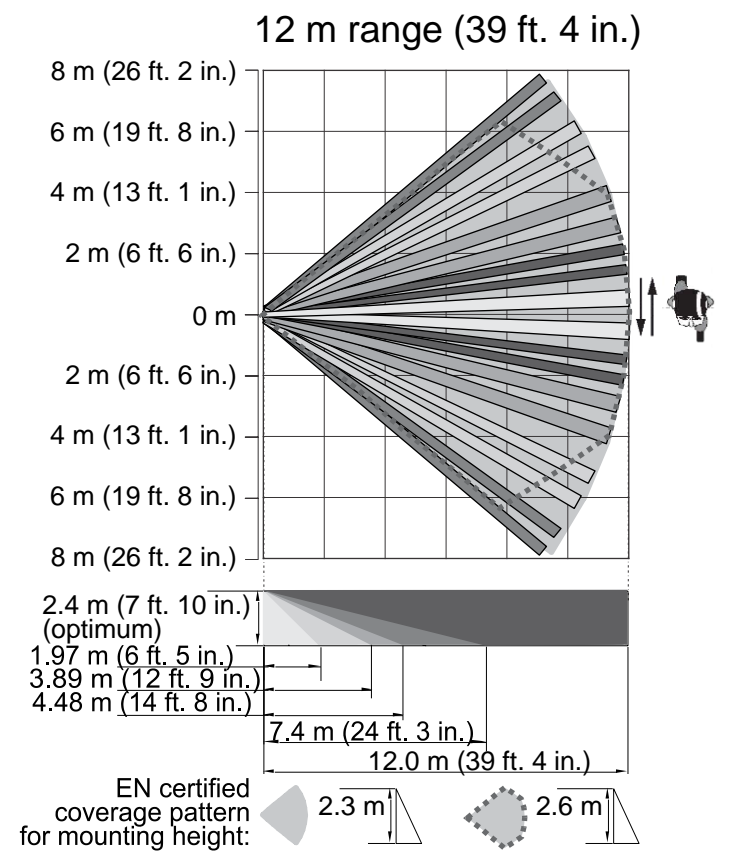
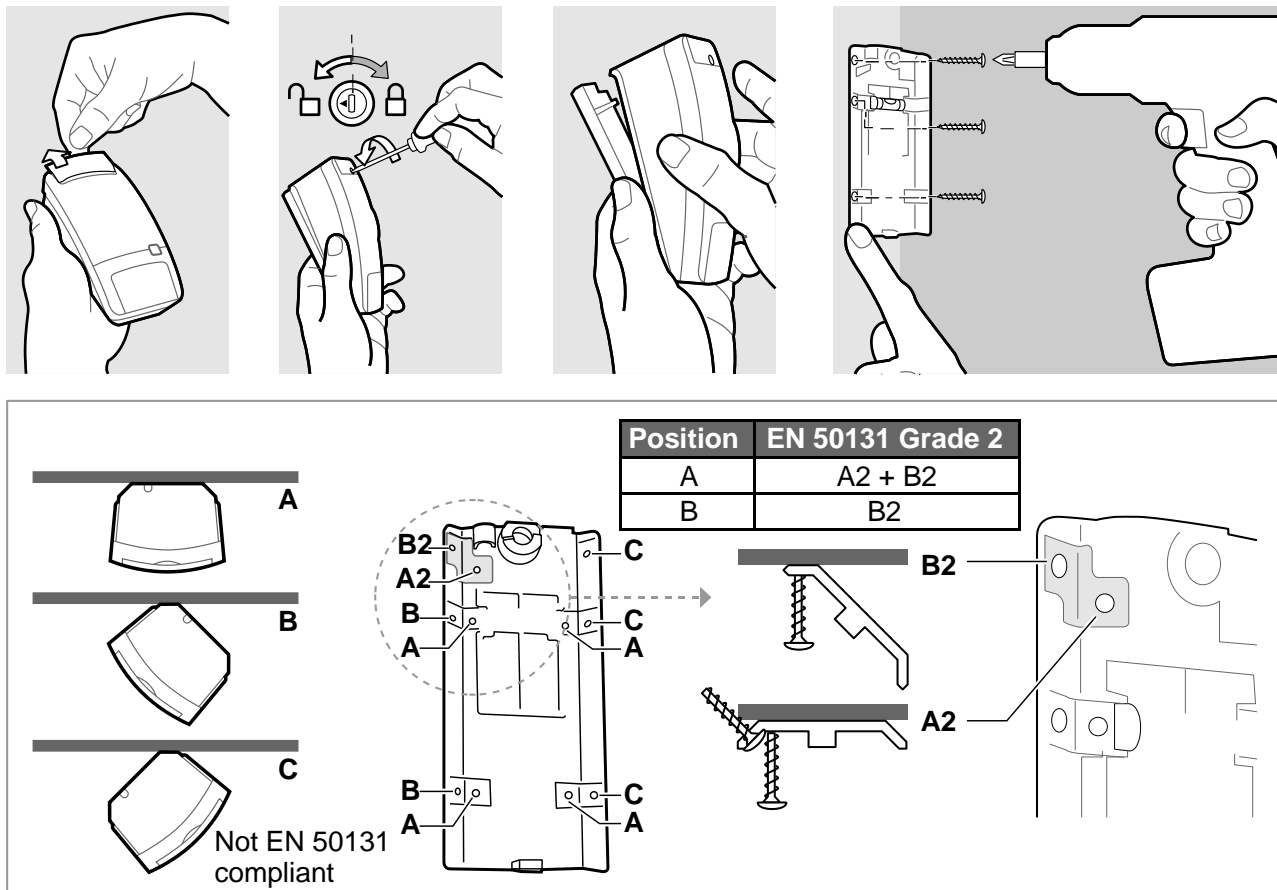


Figure 3: Adjust the detection pattern

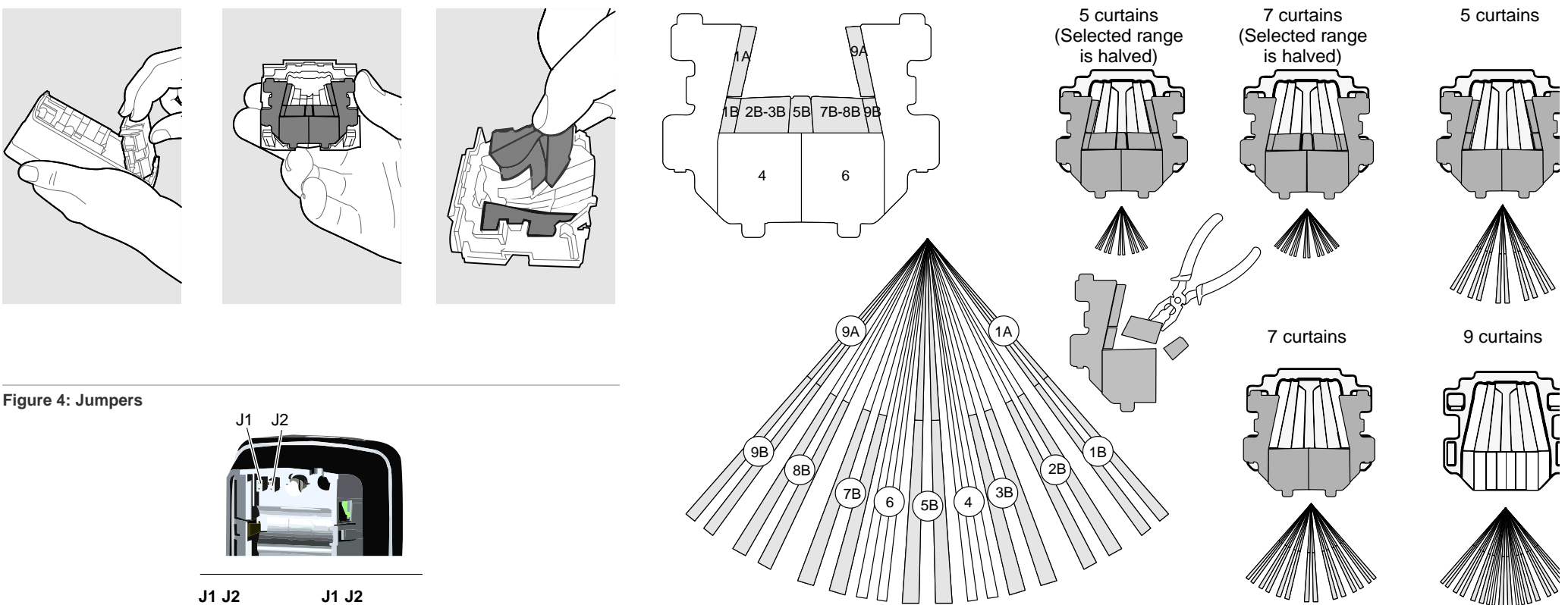


Figure 4: Jumpers

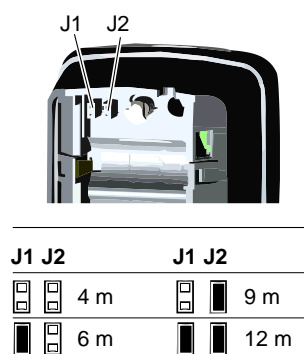
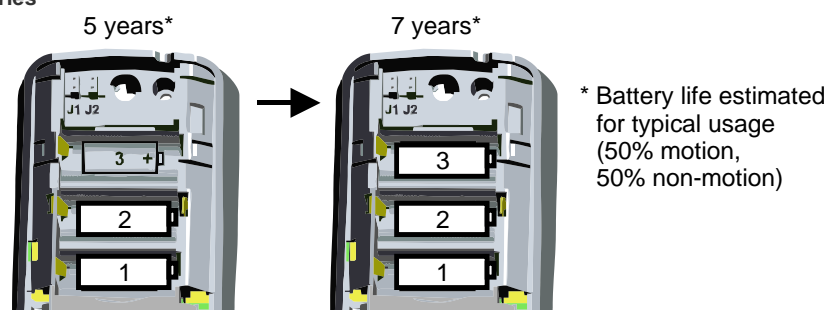


Figure 5: Installing the batteries



Start-up

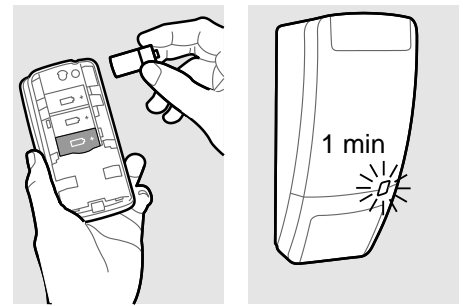
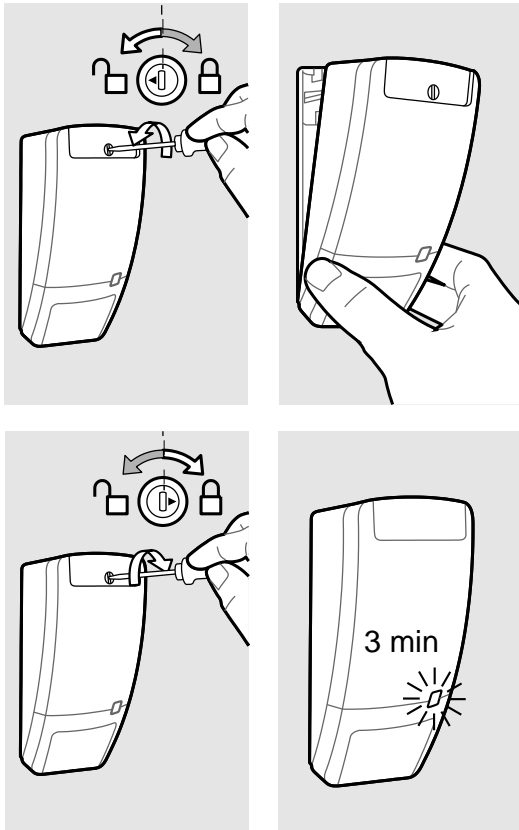


Figure 6: Walk test



EN: Installation Sheet

RF-DD1012-K4 and RF411214 are wireless 433 MHz dual detectors. TX-2413-03-1 is a wireless 868 MHz GEN2 dual detector.

Regulatory information

Manufacturer PLACED ON THE MARKET BY:
Carrier Fire & Security Americas Corporation, Inc.
13995 Pasteur Blvd Palm Beach Gardens, FL 33418, USA
AUTHORIZED EU REPRESENTATIVE:
Carrier Fire & Security B.V.
Kelvinstraat 7, 6003 DH Weert, Netherlands

Certification

RF-DD1012-K4, TX-2413-03-1: EN 50131-2-4, Security Grade 2, Environmental Class II.
Tested and certified by Telefication B.V.

Carrier Fire & Security hereby declares that this device is in compliance with the applicable requirements and provisions of all applicable rules and regulations, including but not limited to the Directive 2014/53/EU. For more information see: www.firesecurityproducts.com



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: recyclethis.info

Replacing the battery

Replace with the recommended batteries only:

- Panasonic® CR123A

Specifications

Model	RF411214	RF-DD1012-K4	TX-2413-03-1
Detection technology	Dual: PIR (9 curtains, view angle 86°), Radar (Range Controlled)		
Detectable range	4, 6, 9, and 12 m (selectable by J1 and J2)		
Radar operating frequency	5.725 to 5.875 GHz		
Radar output power (EIRP)	< -1.3 dBm		
Target speed range	30 cm/s to 3 m/s		
Battery type	3.0 V, 1300 mAh lithium		
Current consumption	58 µA (avg.), 50 mA (max.)		
Mounting height EN certified	1.8 to 3.0 m (2.4 m typical) 2.3 to 2.6 m		
Detector start-up time	1 min		
Supervisory interval	18 min		
Lock out timer	3 min		
Operating frequency	433.05 to 434.79 MHz	433.05 to 434.79 MHz	868.60 to 868.70 MHz
Power output	<10 dBm		
Protocol	433-63	433-80plus	GEN2
RF range (open air / obstructed), typical	300 m / 40 m		600 m / 40 m
Operating temperature	EN -10 to +55°C		
Relative humidity	95% max. noncondensing		
IP/IK rating	IP30 IK02		
Dimensions (LxWxH)	130 x 69 x 53 mm		
Weight	176 g, including 2 batteries		

Contact information

www.firesecurityproducts.com or www.aritech.com. For customer support, see www.firesecurityproducts.com.

Product warnings and disclaimers

THESE PRODUCTS ARE INTENDED FOR SALE TO AND INSTALLATION BY QUALIFIED PROFESSIONALS. CARRIER FIRE & SECURITY CANNOT PROVIDE ANY ASSURANCE THAT ANY PERSON OR ENTITY BUYING ITS PRODUCTS, INCLUDING ANY "AUTHORIZED DEALER" OR "AUTHORIZED RESELLER", IS PROPERLY TRAINED OR EXPERIENCED TO CORRECTLY INSTALL FIRE AND SECURITY RELATED PRODUCTS.



For more information on warranty disclaimers and product safety information, please check <https://firesecurityproducts.com/policy/product-warning/> or scan the QR code.

DA: Kontaktinformation

www.firesecurityproducts.com eller www.aritech.com
For kundesupport se www.firesecurityproducts.com

ADVARSEL! Indeholder Lithium batteri! Risiko for forbrændt hud, blindhed eller død. Fare for eksplosion eller funktions nedsættelse, hvis batteriet udskiftes med en forkert type, udsættes for ekstremt lavt lufttryk eller anvendes med andet udstyr. Bortskaffelse i brand eller varm ovn, opvarming over 100°C, mekanisk knusning eller udsættelse af batteriet for vand kan resultere i en eksplosion.

DE: Kontaktinformation

www.firesecurityproducts.com oder www.aritech.com
Kontaktinformationen für den Kundendienst finden Sie auf www.firesecurityproducts.com

WARNUNG! Lithium-Batterie im Inneren! Gefahr von verbrannter Haut, Erblindung oder Tod. Explosionsgefahr oder deaktivierte Schutzfunktion, wenn die Batterie durch einen falschen Typ ersetzt, einem extrem niedrigen Luftdruck ausgesetzt oder mit anderen Geräten verwendet wird. Die Entsorgung in Feuer oder einem heißen Ofen, die Erwärmung über 100°C, mechanisches Quetschen oder Schneiden, Demontage, Wiederaufladen, Kurzschließen oder Aussetzen der Batterie in Wasser kann zu einer Explosion führen.

ES: Información de contacto

www.firesecurityproducts.com o www.aritech.com
Para acceder al servicio técnico, consulte www.firesecurityproducts.com

ADVERTENCIA! Bateria de litio en el interior! Riesgo de quemaduras en la piel, ceguera o muerte. Peligro de explosión o desactivación de la protección si la batería se sustituye por un tipo incorrecto, se somete a una presión de aire extremadamente baja o se utiliza con otros equipos. Desechar en el fuego o en un horno caliente, calentar por encima de 100°C, aplastar o cortar

mecánicamente, desmontar, recargar, cortocircuitar o exponer la batería al agua puede resultar en una explosión.

FI: Yhteystiedot

www.firesecurityproducts.com tai www.aritech.com
Tietoja asiakastuesta on osoitteessa www.firesecurityproducts.com

VAROITUS! Sisältää litiumpariston! Riski ihovaurioille, sokeutumiselle tai kuolemalle. Riski räjähdykselle tai laitteen toimimattomuudelle jos paristo korvataan sopimattomalla mallilla, tuotetta käytetään normaalia huomattavasti matalammassa ilmanpaineessa tai muiden laitteiden kanssa. Tuotteen hävittäminen polttamalla tai lämmittämällä yli 100 asteessa, murskaaminen tai leikkaaminen, vetäminen, uudelleen lataaminen, oikosulku tai upottaminen veteen saattavat aiheuttaa räjähdysen.

FR: Informations de contact

www.firesecurityproducts.com ou www.aritech.com
Pour contacter l'assistance clientèle, voir www.firesecurityproducts.com

AVERTISSEMENT ! Pile au lithium à l'intérieur ! Risque de brûlure de la peau, de cécité ou de mort. Risque d'explosion ou de mise hors service si la batterie est remplacée par un type incorrect, soumise à une pression d'air extrêmement basse ou utilisée avec d'autres équipements. La mise au feu ou dans un four, le chauffage au-dessus de 100°C, la découpage mécanique ou le broyage, le démontage, le rechargement, le court-circuit ou l'exposition de la batterie à l'eau peuvent entraîner une explosion.

IT: Informazioni di contatto

www.firesecurityproducts.com o www.aritech.com
Per l'assistenza clienti, vedere www.firesecurityproducts.com

AVVERTIMENTO! Bateria al litio all'interno! Rischio di pelle bruciata, cecità o morte. Rischio di esplosione o protezione disabilitata se la batteria viene sostituita con un tipo errato, sottoposta a pressione dell'aria estremamente bassa o utilizzata con altre apparecchiature. Lo smaltimento nel fuoco o in forno caldo, il riscaldamento superiore a 100°C, la frantumazione meccanica, il taglio, lo smontaggio, la ricarica, i cortocircuiti o l'esposizione della batteria all'acqua possono provocare l'esplosione.

NL: Contactgegevens

www.firesecurityproducts.com of www.aritech.com
Voor klantenondersteuning, zie www.firesecurityproducts.com

WAARSCHUWING! Lithiumbatterij aanwezig! Risico op verbrande huid, blindheid of overlijden. Explosiegevaar of beveiliging voor mensen met een functiebeperking als de batterij wordt vervangen door een onjuist type, wordt blootgesteld aan extreem lage luchtdruk of wordt gebruikt met andere apparatuur. Blootstellen aan vuur of een hete oven, verwarming boven 100°C, mechanisch pletten of

snijden, demonteren, opladen, kortsluiting of blootstelling van de batterij aan water kan een explosie tot gevolg hebben.

NO: Kontaktinformasjon

www.firesecurityproducts.com eller www.aritech.com
For kundestøtte, se www.firesecurityproducts.com

ADVARSEL! Lithium batteri på innsiden! Risiko for brent hud, blindhet eller død. Fare for eksplosjon eller funksjonsfeil, hvis batteriet blir erstattet av feil type, utsatt for ekstremt lavt lufttrykk, eller brukt med annet utstyr. Deponering av batteriet i flammer eller en varm ovn, oppvarming over 100°C, mekanisk knusing eller kutting, demontering, lading, kortslutning eller eksponering av batteriet til vann kan føre til eksplosjon.

PL: Informacje kontaktowe

www.firesecurityproducts.com lub www.aritech.com
Informacje na temat pomocy technicznej można znaleźć na stronie www.firesecurityproducts.com

OSTRZEŻENIE! Bateria litowa w środku! Ryzyko poparzenia skóry, ślepoty lub śmierci. Ryzyko wybuchu lub awarii w przypadku wymiany baterii na niewłaściwy typ, bardzo niskiego ciśnienia powietrza lub użycia z innym sprzętem. Wrzucenie do ognia lub gorącego piekarnika, ogrzewanie powyżej 100°C, mechaniczne uszkodzenie, otwieranie, ładowanie, zwarcie lub umieszczenie w wodzie może spowodować wybuch.

PT: Informação de contacto

www.firesecurityproducts.com, www.aritech.com
Para assistência ao cliente, consulte www.firesecurityproducts.com

AVISO! Bateria de Lítio no interior! Risco de queimadura de pele, cegueira ou morte. Risco de explosão ou desativação se a bateria for substituída por outra de tipo incorreto, submetida a pressão atmosférica extremamente baixa, ou utilizada com outro equipamento. O descarte em fogo ou forno, com temperatura acima de 100°C, esmagamento ou corte mecânico, desmontagem, recarregamento, curto-circuito ou exposição da bateria a água pode resultar em explosão.

SV: Kontaktuppgifter

www.firesecurityproducts.com eller www.aritech.com
Kundsupport finns på www.firesecurityproducts.com

VARNING! Litiumbatteri på insidan! Risk för brännskada, skadad syn eller död. Risk för explosion eller funktionsfel om batteriet ersätts med fel typ, utsatt för extremt lågt lufttryck eller används med annan utrustning. Avyttrande genom eld eller en het ugn, hetta över 100°C, mekanisk åverkan, isärtagning, uppladdning, korslutning eller exponering för vatten kan resultera i en explosion.