Art. 4830 Camera module for coax or balanced video system

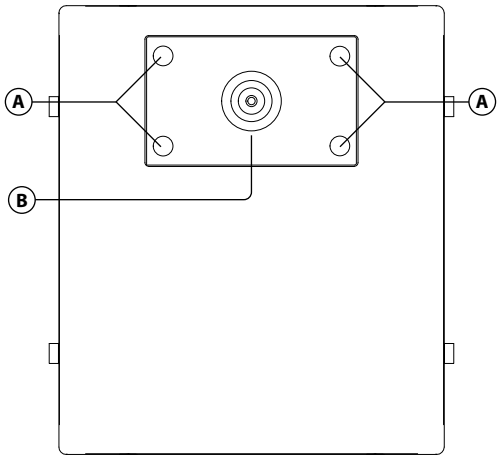


Fig. 1 Front

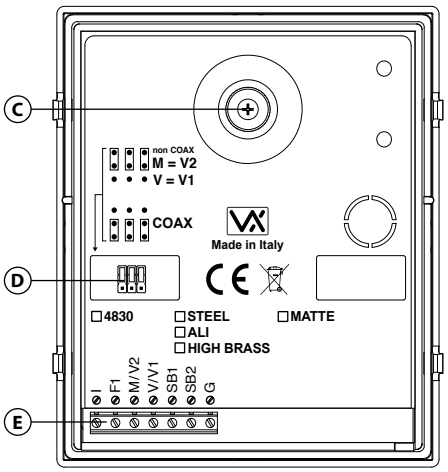


Fig. 2 Back

DESCRIPTION

This module is equipped with a CMOS colour camera with auto iris lens complete with white light illumination LED's. The module is available with Wide Angle option (put **/WD** after the product code). The unit can be configured to work on systems with coax video signal or on systems with balanced video signal (non coax). Used on video door entry systems combine with the speaker unit Art. 4837 or Art. 4838.

LEGEND

(A) Illumination LEDs
(B) Camera
(C) Camera horizontal and vertical adjustment (Not available in Wide Angle versions)
(D) Video system jumpers
(E) Connection terminals

VIDEO SYSTEM SETUP

The video system setup is carried out using the three jumpers accessible from the backside of the module.

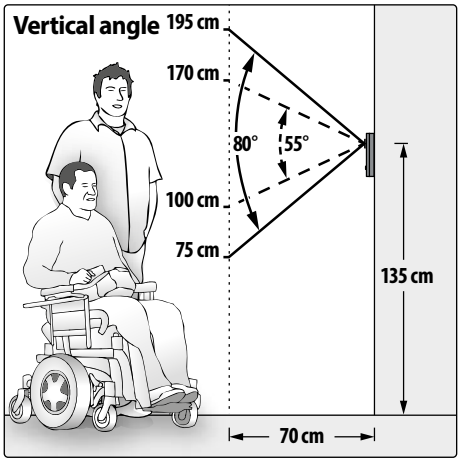
JUMPERS SETTINGS

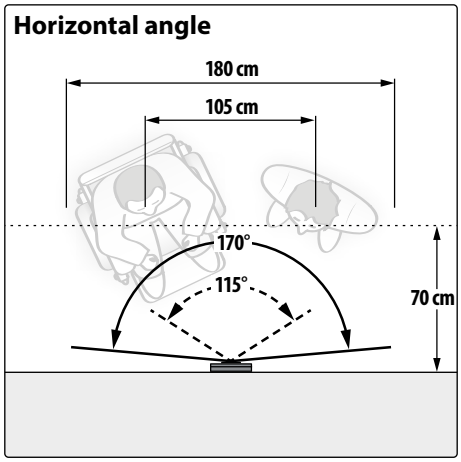
	Coax video system: terminal **M = video signal ground** terminal **V = video signal**
	System with balanced video signal (non coax): terminal **M = V2 = video signal synch.+** **V = V1 = video signal synch.–**

CAMERA NOTES

FIELDS OF VIEW

The fields of view for standard camera are 55° for vertical angle and 115° for horizontal angle while for Wide Angle camera are 80° for vertical angle and 170° for horizontal angle.

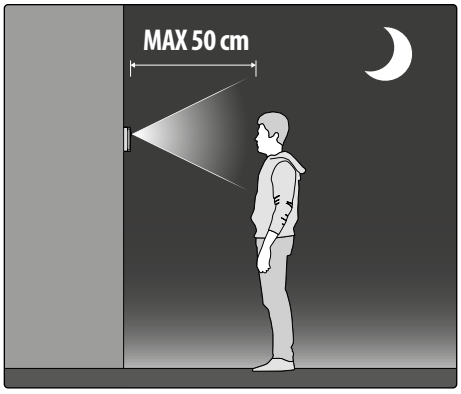




– – – – Standard camera
——— Wide Angle camera

MAXIMUM ILLUMINATION DISTANCE FROM CAMERA AT NIGHT

The illumination LED's within the camera will illuminate the visitor when they are within 50 cm of the camera.



ADHESIVE GASKET PLACEMENT

Apply the (Y) seal as shown in **Fig. 3**.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks (W) as shown in **Fig. 4**.

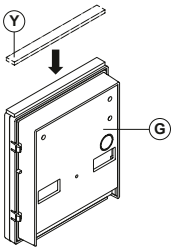


Fig. 3

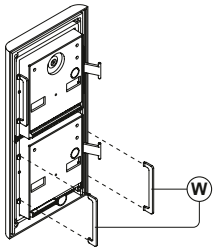


Fig. 4

CONNECTION TERMINALS SIGNALS

I	Camera power supply input 14-20Vdc
F1	Camera power supply ground
M/V2	**M** - Video signal ground (coax video system)
	V2 - Video signal synch.+ (balanced video system)
V/V1	**V** - Video signal (coax video system)
	V1 - Video signal synch.– (balanced video system)
SB1	12V input to supply the anti-mist resistor
SB2	
G	Spare terminal for video earth (not internally linked)

TECHNICAL SPECIFICATION

Power Supply: 14-20Vdc
Power consumption: 200mA Max
Working Temperature: -20 +60 °C

CLEANING OF THE PLATE

Use a clean and soft cloth. Use moderate warm water or non-aggressive cleansers.

Do not use:

- abrasive liquids;
- chlorine-based liquids;
- metal cleaning products.

Art. 4830 Modulo telecamera per sistemi video coassiale o bilanciato

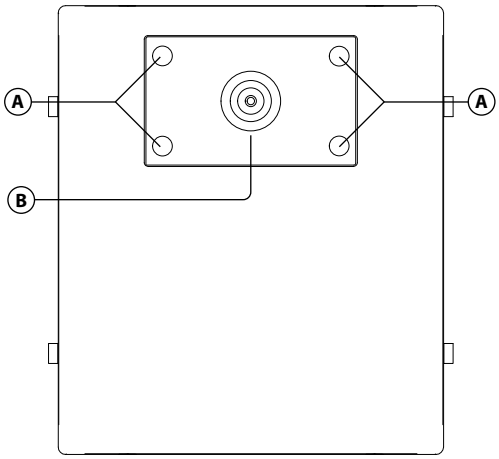


Fig. 1 Fronte

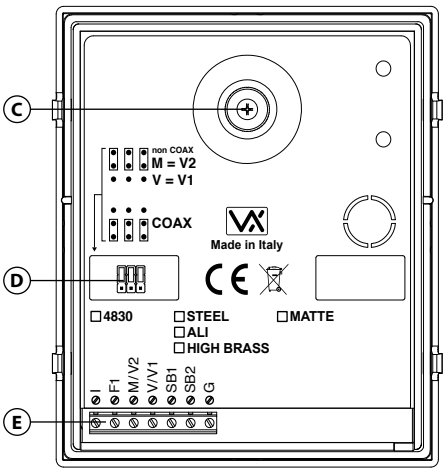


Fig. 2 Retro

DESCRIZIONE

Modulo equipaggiato con telecamera CMOS autofocus a colori completa di LED d'illuminazione a luce bianca. Il modulo è disponibile con l'opzione Wide Angle (aggiungere **/WD** al codice prodotto). Il modulo può essere configurato per l'utilizzo in sistemi dove il video viene trasmesso tramite cavo coassiale o sistemi con segnale video bilanciato (non coassiale). Viene utilizzato nei sistemi videocitofonici in abbinamento ai moduli portiere elettrico Art. 4837 o Art. 4838

LEGENDA

- (A) LED di illuminazione
- (B) Telecamera
- (C) Regolazione orientamento telecamera in orizzontale e verticale (Non disponibile nelle versioni Wide Angle)
- (D) Jumper sistema video
- (E) Morsettiera di connessione

CONFIGURAZIONE SISTEMA VIDEO

La configurazione del sistema viene fatta tramite tre jumper presenti sul retro del modulo.

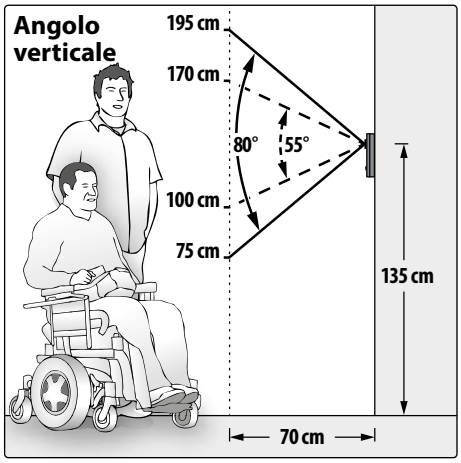
IMPOSTAZIONE JUMPER

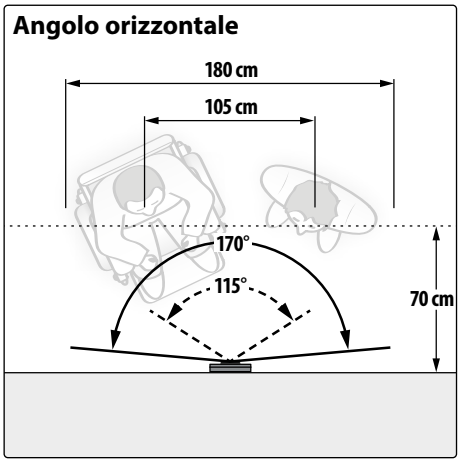
	Sistema con segnale video coassiale: morsetto **M = massa segnale video** morsetto **V = segnale video**
	Sistema con segnale video bilanciato (non coassiale): morsetto **M = V2 = segnale video sinc. +** **V = V1 = segnale video sinc. –**

NOTE TELECAMERA

CAMPI DI VISUALE

I campi di visuale per la telecamera standard sono 55° per l'angolo verticale e 115° per l'angolo orizzontale mentre per la telecamera Wide Angle sono 80° per l'angolo verticale e 170° per l'angolo orizzontale.



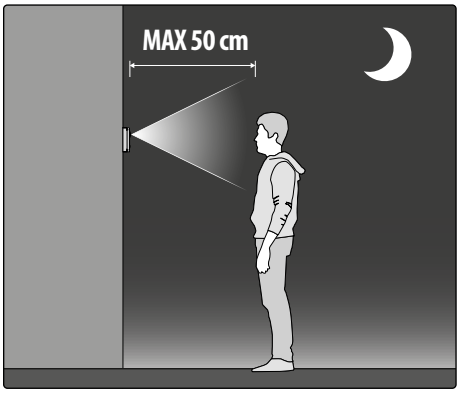


– – – – Telecamera standard

——— Telecamera Wide Angle

DISTANZA DI ILLUMINAZIONE MASSIMA DALLA CAMERA DI NOTTE

I LED di illuminazione all'interno della camera illuminano correttamente il visitatore quando si trova a una distanza massima di 50 cm.



APPLICAZIONE GUARNIZIONE ADESIVA

Applicare la guarnizione adesiva (Y) come mostrato in **Fig. 3**.

INSERIMENTO FERMI ANTI-EFFRAZIONE

Inserire i fermi anti-effrazione (W) come mostrato in **Fig. 4**.

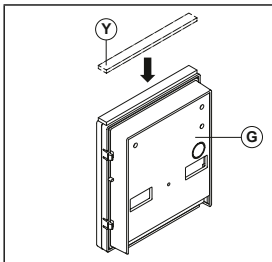


Fig. 3

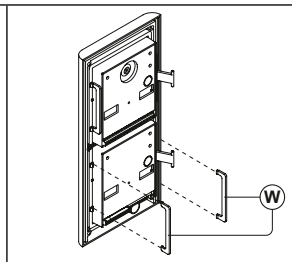


Fig. 4

SEGNALI MORSETTIERA DI CONNESSIONE

I	Ingresso alimentazione telecamera 14-20Vdc
F1	Massa alimentazione telecamera
M/V2	**M** - Massa segnale video (segnale video coassiale)
	V2 - Segnale video sinc. + (segnale video bilanciato)
V/V1	**V** - Segnale video (segnale video coassiale)
	V1 - Segnale video sinc. – (segnale video bilanciato)
SB1	Ingresso 12V per alimentazione resistenza anti-condensa
SB2	
G	Morsetto di rilancio massa video (non collegato internamente)

SPECIFICHE TECNICHE

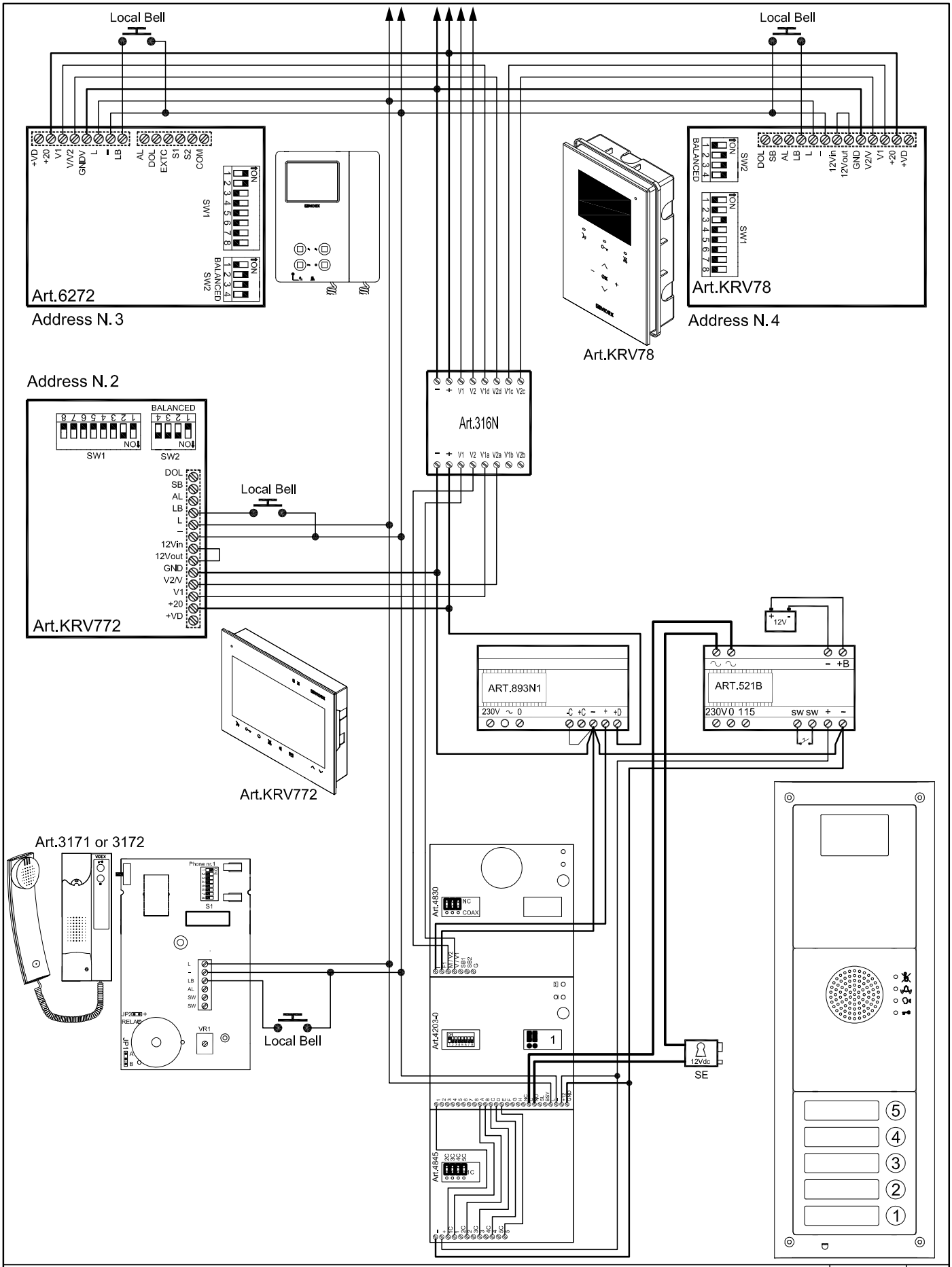
Tensione d'alimentazione: 14-20Vdc
Assorbimento: 200mA Max
Temperatura di lavoro: -20 +60 °C

PULIZIA DELLA PLACCA

Usare un panno morbido e pulito. Usare acqua tiepida o un detergente non aggressivo.

Non usare:

- prodotti abrasivi;
- prodotti contenenti cloro;
- prodotti per la pulizia dei metalli.



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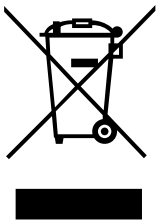
Titolo: —		Data modifica: 15/10/2018	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: —	Autore: Roberto Gambini	
	Note: —	Cod.File: 224kvd136.dwg	



ENG DISPOSAL

In accordance with the Legislative Decree no. 49 of 14 March 2014 "Implementation of the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)".
The crossed-out bin symbol on the equipment or on the packaging indicates that when the product reaches the end of its lifetime, it must be collected separately from mixed municipal waste. The user must, therefore, dispose of the equipment at the end of its lifetime in the suitable waste collection centres or bring it to the retailer during the purchase of a new equipment of equivalent type at the ratio of one-to-one. Furthermore, the user is allowed to dispose of the WEEEs of very small size (domestic appliances without any external dimension exceeding 25 cm (9.84 inches) for free to the retailers, without any purchase obligation. The correct waste disposal of the WEEEs contributes to their reuse, recycling and recovery and avoids potential negative effects on the environment and human health due to the possible presence of dangerous substances within them.

ITA SMALTIMENTO

Ai sensi del Decreto Legislativo 14 marzo 2014, n° 49 "Attuazione della direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)".
Il simbolo del cassonetto barrato riportato sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti urbani misti. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita presso gli idonei centri di raccolta differenziata oppure riconsegnarla al rivenditore al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente, in ragione di uno a uno. L'utente ha, inoltre, la possibilità di conferire gratuitamente presso i distributori, senza alcun obbligo di acquisto, per i RAEE di piccolissime dimensioni (per le apparecchiature di tipo domestico con nessuna dimensione esterna superiore a 25 cm).
L'adeguata raccolta differenziata dei RAEE contribuisce al loro riutilizzo, riciclaggio e recupero ed evita potenziali effetti negativi sull'ambiente e sulla salute umana dovuti alla eventuale presenza di sostanze pericolose al loro interno.

FRA ÉLIMINATION

Conformément au décret législatif n ° 49 du 14 mars 2014 relatif à l' « Application de la directive 2012/19 / UE relative aux déchets d'équipements électriques et électroniques (DEEE) ».
Le symbole de la poubelle barrée sur l'équipement ou sur son emballage indique que le produit en fin de vie utile doit être collecté séparément des autres déchets municipaux en mélange. L'utilisateur doit donc remettre l'équipement en fin de vie aux centres de collecte appropriés ou le restituer au revendeur lors de l'achat d'un nouveau type d'équipement équivalent, dans le rapport de un à un. De plus, l'utilisateur a la possibilité de conférer gratuitement aux distributeurs, sans aucune obligation d'achat, de très petits DEEE (pour les appareils ménagers sans dimensions extérieures supérieures à 25 cm).
La collecte séparée adéquate des DEEE contribue à leur réutilisation, leur recyclage et leur valorisation et évite les éventuels effets négatifs sur l'environnement et la santé humaine en raison de la présence possible de substances dangereuses dans ceux-ci.

SPA ELIMINACIÓN

De conformidad con el Decreto legislativo n. 49 de 14 de marzo 2014 "Aplicación de la Directiva 2012/19/UE relativa a residuos de aparatos eléctricos y electrónicos (RAEE)".
El símbolo del contenedor tachado indicado sobre los aparatos o sobre los embalajes señala que el producto al final de su vida útil debe ser recogido separadamente de otros residuos municipales mezclados. Por tanto, el usuario deberà conferir los aparatos al final de su vida útil en los apropriados centros de recogida selectiva o devolverlos al revendedor al momento de la compra de nuevos aparatos equivalentes, en una relación de uno a uno. Además, el usuario tiene la posibilidad de entregar sin cargo a los distribuidores, sin ninguna obligación de compra, los RAEEs muy pequeños (para electrodomésticos sin dimensiones externas superiores a 25 cm).
La recogida selectiva apropriada de los RAEEs contribuye a su reutilización, reciclaje y valorización y evita potenciales impactos negativos sobre el medio ambiente y la salud humana debidos a la possible presencia de substancias peligrosas dentro de ellos.

NLD VERWIJDERING

In overeenstemming met het Wetsbesluit nr. 49 van 14 maart 2015 "Implementatie van de Richtlijn 2012/19/EU inzake afgedankte elektrische en elektronische apparaten (AEEA)".
Het doorgekruiste vuilnisbaksymbool op het apparaat of de verpakking geeft aan dat het product aan het einde van zijn levensduur niet samen met het gewone huisvuil weggegooid mag worden. De gebruiker moet het apparaat aan het einde van zijn levensduur inleveren bij een gepast inzamelpunt of de winkel waar hij een nieuw apparaat van een gelijksoortig type zal kopen. De gebruiker kan tevens AEEA's van een zeer klein formaat (huishoudapparaten met een buitenafmeting kleiner dan 25 cm (9,84 inch) gratis en zonder enige aankoopverplichting bij handelaars inleveren. Een juiste verwijdering van AEEA's draagt bij tot hergebruik, recycling en terugwinning, en voorkomt potentiële negatieve effecten op het milieu en de menselijke gezondheid door de mogelijke aanwezigheid van gevaarlijke stoffen.

POR ELIMINAÇÃO

De acordo com o Decreto Legislativo n.º 49 de 14 de março de 2014 "Implementação da Diretiva 2012/19/UE relativa aos resíduos de equipamentos elétricos e eletrónicos (REEE)".
O símbolo do caixote do lixo riscado no equipamento ou na embalagem indica que quando o produto atinge o fim da sua vida útil, deve ser recolhido separadamente dos resíduos urbanos mistos. O utilizador deve, portanto, eliminar o equipamento no final da sua vida útil nos centros de recolha de resíduos adequados ou levá-lo ao vendedor durante a compra de um novo equipamento de tipo equivalente, na proporção de um para um. Além disso, o utilizador pode eliminar gratuitamente os REEE de dimensões muito reduzidas aos vendedores, sem qualquer obrigação de compra.(só aparelhos domésticos sem qualquer dimensão externa que exceda 25 cm, ou seja 9,84 polegadas).
A correta eliminação dos REEE contribui para a sua reutilização, reciclagem e recuperação e evita potenciais efeitos negativos sobre o ambiente e a saúde humana devido à possível presença de substâncias perigosas no seu interior.

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CE

The product is CE marked demonstrating its conformity and is for distribution within all member states of the EU with no restrictions. This product follows the provisions of the European Directives 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS): CE marking 93/68/EEC.

Le produit est marqué CE à preuve de sa conformité et peut être distribué librement à l'intérieur des pays membres de l'union européenne EU.
Ce produit est conforme aux directives européennes 2014/30/EU (EMC) ; 2014/35/EU (LVD) ; 2011/65/EU (RoHS): marquage CE 93/68/EEC.

Het product heeft de CE-markering om de conformiteit ervan aan te tonen en is bestemd voor distributie binnen de lidstaten van de EU zonder beperkingen. Dit product volgt de bepalingen van de Europese Richtlijnen 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS): CE-markering 93/68/EEG.

يحمل المنتَج علامة التوافق الأوروبيِّ CE لإظهار توافقه مع المواصفات ذات الصِلة وإمكانية توزيعه في كافَّة دول الاتِّحاد الأوروبيِّ بدون أيَّة قيود. يلبِّي هذا المنتَج جميع متطلَّبات التوجيهات الأوروبيِّة (EMC/٣٠/٢٠١٤ (EU؛ (LVD/٣٥/٢٠١٤ (EU؛ ٢٠١١/٦٥/EU ــ (RoHS): علامة المطابقة للمواصفات الأوروبيِّة CE ٩٣/٦٨/EEC.

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