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VIDEOKIT IPVK/6296 SERIES IP one way, two way videokit

IPVK IPVKC Rev.0.1





Installation handbook

66550062-EN - V7.0 - 31/01/22

We recommend This equipment is installed by a Competent Electrician, Security or Communications Engineer.

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INSTALLATION DIAGRAMS - NOTES AND SUGGESTIONS

- All diagrams refer to all kit versions: flush or surface.
- Dashed connections refer to optional connections ("Local bell", "Push to exit" & "Door monitor").
- Some diagrams show how to connect a 12Vdc electric lock: these directions are suitable for all diagrams in this manual.
- All diagrams shown are valid for systems with surface or flush mount door station.
- To install this equipment are required expertises in the field of information and networking technologies.

DECLETION OF RESPONSIBILITY

This manual has been written and revised carefully. The instructions and the descriptions which are included in it are referred to VIDEX parts and are correct at the time of print. However, subsequent VIDEX parts and manuals, can be subject to changes without notice. VIDEX Electronics S.p.A. cannot be held responsible for damages caused directly or indirectly by errors, omissions or discrepancies between the VIDEX parts and the Manual.

∧ WE RECOMMEND

³ This equipment is installed by a Competent Electrician, Security or Communications Engineer

To download the programming software **VX IP Wizard** and obtain the latest firmware and manuals please visit the following website and register

https://service.videx.it/



ENG System components and available versions

IPVK/6296 Colour videokit.



5		e e e e e e e e e e e e e e e e e e e		
Å	IPVK-1S/6296 - surface mounting			
ONE W	1 Outdoor station composed of: 1 Art. 4533-1: 1 button camera unit 1 Art. 4881: Surface mounting box	00	1 Colour videophone Art. 6296	1 Power supply Art. HDR-15-12
	IPVK-2/6296 - flush mounting			
VERSIONS	1 Outdoor station composed of: 1 Art. 4533-2: 2 buttons camera unit 1 Art. 4851: Flush mounting box		2 Colour videophones Art. 6296	2 Power supplies Art. HDR-15-12
¥	IPVK-2S/6296 - surface mounting			
TWOW	1 Outdoor station composed of: 1 Art. 4533-2: 2 buttons camera unit 1 Art. 4881: Surface mounting box		2 Colour videophones Art. 6296	2 Power supplies Art. HDR-15-12

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IPVKC/6296 Colour videokit plus a codelock module.



Art. 4533 Speaker unit with built-in camera Art. 4533X Speaker unit with built-in camera & proximity key readeri



Fig. 1 Front

DESCRIPTION

Speaker unit module for IP systemwith built-in wide colour camera with autoiris lens and white light illumination LEDs. Depending on the speaker unit version it includes zero, one or two call push buttons. Art. 4533X versions are also equiped with a built-in proximity key reader and programming modes.

The unit circuitry incorporates:

- The transmitting amplifier with microphone and volume control;
- The receiving amplifier with volume control;
- Two enslavement relay to enable electric lock and an additional ser-• vice (3 contacts each: common, normally open and normally closed).
- The call buttons from 0 to a maximum of 2 depending on the module version;
- The illumination LEDs for the card name holder;
- The camera comprised of illumination LEDs.

To download the programming software VX IP Wizard and obtain the latest firmware and manuals please visit the following website and register



https://service.videx.it/

LEDS	
×	Flashes when the called indoor station is busy. The LED will be off when the system is in stand-by.
Â	If illuminated, indicates that the call from the outdoor sta- tion is in progress. The LED will switch OFF when the call is answered or expired the call time without any answer.
¢	If illuminated, indicates that it is possible to speak because the call has been answered. The LED will switch OFF at the end of a conversation (or at the end of the conversation time).
 0	If illuminated, indicates that the door lock has been op- erated. It will switch OFF at the end of the programmed "door opening" time.



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LEGEND

- (A) Camera with illumination LEDs
- Operation LEDs
- **(c)** Loudspeaker
- **(D)** Card name holder with built in-in proximity key reader (only Art. 4533X versions)
- (E) Call push button (0, 1 or 2 depending on the model)
- (F) Loudspeaker volume
- G Microphone volume control
- (H) RS485 connection terminals
- () Boot loader push button for firmware update
- **(L)** RS485 termination jumper
- M External camera connection terminals
- (N) Button expansion modules connector
- System connection terminals

AVAILABLE VERSIONS





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Art. 4533-1 Art. 4533X-1

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Art. 4533-2 Art. 4533X-2

CONTROLS

	Microphone volume Adjust the microphone volume. Rotate clockwise to increase or anti-clockwise to decrease
(K)	Loudspeaker volume Adjust the loudspeaker volume. Rotate clockwise to decrease or anti-clockwise to increase

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Art. 4533 Speaker unit with built-in camera

Art. 4533X Speaker unit with built-in camera & proximity key reader

PROGRAMMING

The programming of the module is carried out through the VIDEX IP Wizard software. There are some adjustments available directly on the module:

- Microphone volume through the relevant trimmer;
- Speaker volume through the relevant trimmer;
- RS-485 connection termination.

For the module programming refer to the section VIDEX IP Wizard.

CONNECTION



EIA/TIA-568B



OTHER STANDARD CABLES



4533 signals	RJ-45 pin
TX+	PIN 1 - White-orange
TX-	PIN 2- Orange
RX+	PIN 3 - White-green
RX-	PIN 6 - Green

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4533 signals	RJ-45 pin		
TX+	PIN 1	Twisted pair	
TX-	PIN 2	I wisted pair	
RX+	PIN 3	Truistad wain	
RX-	PIN 6	Twisted pair	

J2 AND J1 JUMPERS BACKLIT LEDS SETTINGS

For proper functioning please set **J2** and **J1** jumpers of any connected button expansion module Art. 404X as shown in the table aside.

J2	J1
■ ■ B A	B A

OPERATION

The system operation is supported by the built-in LED.

- When a visitor press a call button the units emits an intermittent deep call tone and in correspondence with the tone the \triangle red LED flashes (**Fig. 3**) until the resident answer or the programmed call time expires.
- If the called indoor station is busy the 🐰 red LED flashes (**Fig. 4**) 4 times quickly and the unit emits a deep tone on each flash.
- When the resident answers, the Ω^{ξ} yellow LED (**Fig. 5**) illuminates and remains illuminated until the conversation terminates.
- If the resident open the door, the $\frac{1}{100}$ green illuminates (**Fig. 6**) for the programmed door opening time.

ERROR MESSAGES

The LED 🐰 is used also to provide error messages concerning system misfunctions:

- A fast flashing LED shows connection to the push notification service is being made. This should only be temporary; if this persists then there is something not working correctly;
- Slow flashing means that the gateway set cannot be reached;
- fixed on means that the SIP server cannot be reached or connection not allowed because of wrong credentials.



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Art. 4533 Speaker unit with built-in camera Art. 4533X Speaker unit with built-in camera & proximity key reader PROGRAMMING TAGS (ONLY ART. 4533X VERSIONS)

The programming of the tags is carried out through the VIDEX IP Wizard software.

USING TAGS

Place a tag in front of the tag reader:

IPVK/6296 Series IP videokit

- ← If the tag is programmed, the external module emits two high-pitched **"beeping"** sounds and <u>its relay is activated.</u>
- Get If the tag is not programmed, the external module emits three low-pitched "beeping" sounds and <u>its relay is not activated.</u>

FACTORY DEFAULT PROCEDURE FOR ENTRANCE PANEL SUPPLIED WITH VIDEOKITS

The following procedure can be used to reset and pair the videophone and entrance panel supplied in a one apartment or two apartment kit. Once paired the door panel will call the videophones without any further setup required. Additional setup is optional to set device names, specific IP addresses etc. The default IP addresses are:

Entrance panel 192.168.1.180 // Videophone 1 192.168.1.181 // Videophone 2 192.168.1.182

4533 DOOR PANEL RESET FOR ONE OR TWO APARTMENT VIDEO KIT

The door panel is required to be open for this procedure.

1. Power down the door station;

- 2. Restore the power keeping pressed Call Button 1 (Bottom button on a 2 button panel **Fig. 7**) until the \triangle (red) and -0 (green) led's start flashing together (**Fig. 8**)*;
- 4. Press call button 1 (Fig. 11) for a one way videokit otherwise press call button 2 (Fig. 12) for a two way video kit;
- 5. When the button is released, the door panel emits one long beep for one way videokit or two long beeps for two way videokit then reboots with the new settings.

* If the door panel is connected to the cloud, the O----- LED will flash twice and the panel will reboot without changing your settings. In this case, the IP wizard must be used to make any changes to the door panel settings.





IPVK/6296 Series IP videokit **Art. 4533** Speaker unit with built-in camera

Art. 4533X Speaker unit with built-in camera & proximity key reader ENABLE BOOTLOADER MODE

In case of firmware update failure (i.e. because of mains failure or cable disconnection during the update etc.) and the door panel is no longer recognised by the Videx IP Wizard software, you can try to restore it by manually putting it into boot mode. It is strongly recommended that this operation is carried out by a qualified engineer and in any case after a contact with Videx support.

- Disconnect the door panel from the power supply.
- Press and keep pressed the (1) button (Fig. 2 on page 5) then connect again the power supply source.
- The door panel will go into boot mode which is indicated by the four LED's flashing alternatively (**Fig. 13**).
- Now proceed using the utility "VidexFirmwareUpdater.exe" to upload the firmware to the device.
- If the update process terminates correctly, the device should be restored and ready to work.
- If the device still does not work, please contact the supplier to proceed according to the warranty terms.

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.





MAXIMUM ILLUMINATION DISTANCE FROM CAMERA AT NIGHT The illumination LED's within the camera

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



– – – – Standard camera

ADHESIVE GASKET PLACEMENT

Apply the (\mathbf{Y}) seal as shown in **Fig. 14**.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks W as shown in **Fig. 15**.



HOW TO REMOVE/INSERT THE CARD NAME HOLDER

- To avoid damage to the module front plate, mask the side that will be in contact with the screwdriver blade;
- Insert the screwdriver (flat side) into the card-holder hole as shown in Fig. 16;
- Move the screwdriver to the left as shown in **Fig. 17** to extract the card name holder;
- Edit the card name then replace it inside the holder and refit: insert the holder inside its housing from the left or right side then push the other side until it clips into place.







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Fig. 16

IPVK/6296 Series IP videokit Art. 4533 Speaker unit with built-in camera Art. 4533X Speaker unit with built-in camera & proximity key reader

CONNECT		RIVIINAL SIGNALS					
EXT	SL	Active low output enabled external video input is in use	when the				
CAMERA	GND	Composite video signal ground reference					
	V	Composite video signal input					
	Α						
RS485	В	KS-485 Connection					
	GND	(termination adjusted through the JPT Jumper)					
DOWED							
POWER	GND	12vac - 400mA power supply in	iput				
	IN1	Active low input 1 (when enabled activate the programmed output)					
INPUTS	IN2	Active low input 2 (when enabled activa the programmed output)					
	GNDI	Ground for IN1 and IN2 inputs					
	RX–	Ethernet Connection Orange (568A)					
ETHEDNET	RX+	Ethernet Connection White/Orange (568A)					
LINEKNEI	TX–	Ethernet Connection Green (568A)					
	TX+	Ethernet Connection White/Green (568A)					
	C2	Relay 2 common contact					
RELAY 2	NC2	Relay 2 normally closed contact	Мах				
	NO2	Relay 2 normally open contact	12-24				
	C1	Relay 1 common contact	Vac/dc				
RELAY 1	NC1	Relay 1 normally closed contact	0.4A				
	NO1	Relay 1 normally open contact					

ity key reader TECHNICAL SPECIFICATION Video codec: H.263 H.263+ Supported resolutions: 352x288 (CIF) used in SIP standard mode 320x240 used between Videx devices and app 176x144 (QCIF) used in SIP standard mode G.711 µ-law, A-law



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working remperature: -

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. 4901 Digital codelock module



DESCRIPTION

The Art.4901 is manufactured from 316 grade brushed stainless steel and the module features 12 stainless steel buttons, backlit in blue (Keys 0 - 9, ENTER and CLEAR) and 2 LED's for progress information during use and programming. With three integral

LEGEND

- (A) Green LED
- (B) Red LED
- C Backlit keypad
- **D** JPL jumper (E) MOV jumpers

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(F) Connection terminals

relays each with common, normally open and normally closed connections and two inputs to enable the external triggering of relays one and two (for example, push to exit button). Key presses are signalled both acoustically and visually while each button press has a tactile feel. Entering the correct code followed by ENTER will activate the relevant relay. Programming is carried out through the same keypad following a simple programming menu. The module can be combined with other 4000 Series modules in an audio or video intercom system.

MAIN FEATURES

- 3 C, NC, NO relay outputs (24Vac/dc 5A max);
- 3 Programmable secret codes (one for each relay);
- Each relay can be set to be activated for a specific time (01 to 99 seconds) or to work as latch;
- Two active low inputs to command directly the relay 1 and 2; •
- Programming menu guarded by a 4-8 digit programmable engineer's code; •
- Visual and Acoustic signal during operating and programming; •
- Keypad illumination LEDs; •

GENERAL DIRECTIONS FOR INSTALLATION

In order to achieve the best results from the schematics described it is necessary to install only original VIDEX equipment, strictly keeping to the items indicated on each schematic and follow these General Directions for Installation:

- The system must be installed according to national rules in force, in any case the running of cables of any intercom unit must be carried out separately from the mains;
- All multipair cables should be compliant to CW1308 specification (0.5mm twisted pair telephone cable).
- · Cables for speech line and service should have a max resistance of 10 Ohm
- Lock release wires should be doubled up (Lock release wires and power supply wires should have a max resistance of 3 Ohm);
- The cable sizes above can be used for distances up to 50m. On distances above 50m the cable sizes should be increased to keep the overall resistance of the cable below the RESISTANCES indicated above;
- Double check the connections before power up;
- Power up the system then check all functions. •

IPVK/6296 Series IP videokit Art. 4901 Digital codelock module

LOCK RELEASE BACK EMF PROTECTION

A varistor must be fitted across the terminals on AC lock release (**Fig. 5**) and a diode must be fitted across the terminals on a DC lock release (**Fig. 4**) to suppress back EMF voltages. Connect the components to the lock releases as shown in figures.



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BUZZER BACK EMF

When using intercoms with buzzer call (Art. 924/926, SMART1/2, 3101/2, 3001/2 and 3021/2) add one 0.1uF (100nF) capacitor between terminals 3 and 6 on the telephone.

BUILT-IN RELAYS – BACK EMF PROTECTION

The Art. 4901 includes selectable back EMF protection on the relays. The jumpers marked **MOV** (one jumper for each relay) are used to select the protection type. When using a fail secure lock with connections **C** & **NO** the jumper should be in the **NO** position. When using a fail open lock with connections **C** & **NC** the jumper should be in the **NC** position and when using the codelock to trigger a gate controller or another third party controller the jumper should be removed completely (this disables the protection on the relay).

Jumper Position

BACK LIGHT ADJUSTMENT JUMPER (JPL)

The jumper JPL (**Fig. 2**, **(D)**) is used to adjust the brightness and determine the operation of the backlit buttons. There are four brightness settings for the backlit buttons and two programming modes (Mode 1 and 2) for the jumper.

The two modes that can be programmed change the functionality of the jumper **JPL**. The table beside indicates the programming mode, the position of the jumper and the operation of the backlit buttons.

PROGRAMMING MODE 1 (DEFAULT MODE, JPL = A)

Follow the steps below to set the codelock to Mode 1:

- 1. Disconnect the power from the Art. 4901 codelock;
- 2. Short out terminals and SW2;
- 3. Press and hold down button **1** 1 and keep it pressed down while the power is switched back ON;
- 4. When power is restored to the codelock wait for the module to emit a single beep and the red status LED (**Fig. 1**, (B)) to flash once;
- 5. Listen for the confirmation tone and wait for the red status LED (**Fig. 1**, **B**) to flash once again;
- 6. Release button 1 1 and remove the short between terminals and SW2;
- 7. Set the jumper **JPL** to the desired position.

Α Back light on low brightness in standby. А Mode 1 (default) Full brightness when any buttons are pressed. Ì∎ÌB ■ A Back light OFF in standby. В Full brightness when any buttons are pressed. R Mode 2 A or B Back light on full brightness all of the time. or В Ξ́B • A (• JPL removed No back light, the back light is completely (∎) (■) B in either Mode disabled.

PROGRAMMING MODE 2

Follow the steps below to set the codelock to Mode 2:

- 1. Disconnect the power from the Art. 4901 codelock;
- 2. Short out terminals and SW2;
- 3. Press and hold down button **2** and keep it pressed down while the power is switched back ON;

Back light Operation

- 4. When power is restored to the codelock wait for the module to emit a double beep and the red status LED (**Fig. 1**, **(B)**) to flash once;
- 5. Listen for the confirmation tone and wait for the red status LED (**Fig. 1**, **B**) to flash once again;
- 6. Release button 2 and remove the short between terminals and SW2;
- 7. Set the jumper **JPL** to the desired position.

BACK LIGHT AND BUTTON OPERATION

If the back light programming mode is set to Mode 1 (with jumper **JPL** in either the **A** or **B** position) when a button is pressed on the keypad the back light will switch to full brightness for approximately 10 seconds.

After this time the back light will either switch OFF or switch back to low brightness (depending on the jumper position) unless another button has been pressed within the 10 second period in which case the back light will stay on full brightness for a further 10 seconds. The exception to this is if the back light programming mode is set to Mode 2, **i.e.** the back light will be on full brightness all of the time or if the jumper is removed the back light will be disabled.

Art. 4901 Digital codelock module

PROGRAMMING

- Enter the ENGINEER'S CODE: first time type six times 1 (111111 factory preset) and press ENTER (The red LED will illuminate);
- Confirm **ENGINEER'S CODE** (typing again the same) or type the new code (4 to 8 digits) then press **ENTER** (Melody). Pressing twice the **ENTER** button without changing the **ENGINEER'S CODE**, will exit from the programming;
- Enter the code (4 to 8 digits) to enable **RELAY 1** or re-enter the existing code then press **ENTER** (Melody);
- Enter the RELAY 1 operation time (2 digits 01 to 99 I.E. 05=5 seconds, 00= remain open time) or re-enter the existing time then press ENTER (Melody);
- Enter the code (4 to 8 digits) to enable **RELAY 2** or re-enter the existing code then press **ENTER** (Melody);
- Enter the **RELAY 2** operation time (2 digits 01 to 99 **I.E.** 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody);
- Enter the code (4 to 8 digits) to enable **RELAY 3** or re-enter the existing code then press **ENTER** (Melody);
- Enter the **RELAY 3** operation time (2 digits 01 to 99 **I.E.** 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody);
- The system is ready to use (the red LED will be off).

PROGRAMMING NOTES

• After pressing enter following a command, press **ENTER** a further twice to exit the programming menu.

RETURN SYSTEM TO PRESET ENGINEER'S FACTORY CODE

- Turn off power to code lock;
- Keep **ENTER** button pressed while turning the power back on;
- Release ENTER button;
- The engineer's code is now set to 111111 (six times one).



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OPERATION

- Type in the programmed code and press ENTER;
- If the code is correct, the green LED will illuminate for approx. 2 seconds and the relay relevant to the code will operate for the programmed time;
- If a wrong code is entered, a continuous melody will sound for 4 or more seconds, according to the number of mistakes;
- To switch off any relay while operating, type in the relevant code then press the CLEAR button;

OPERATION NOTES

- To operate relays together, set the same code for each relay;
- If a wrong code is entered, the system will lock out for 5 seconds which will increase each time a wrong code is entered. The system will
 operate only when the correct code is entered.

ADHESIVE GASKET PLACEMENT

Apply the (\mathbf{Y}) seal as shown in **Fig. 5**.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks **W** as shown in **Fig. 6**.



Art. 4901 Digital codelock module



CONNECTION TERMINALS SIGNALS

SW2	Relay 2 command signal (active low)	
SW1	Relay 1 command signal (active low)	
NC3	Relay 3 normally closed contact	
NO3	Relay 3 normally open contact	
С3	Relay 3 common contact	
NC2	Relay 2 normally closed contact	Max
NO2	Relay 2 normally open contact	24Vac/dc
C2	Relay 2 common contact	3A
NC1	Relay 1 normally closed contact	
NO1	Relay 1 normally open contact	
C1	Relay 1 common contact	
-	12/24)/ac/dc nouver input	
+	12/24vac/dc power input	

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.

TECHNICAL SPECIFICATION

Power Supply:	12/24 Vac/do	c – 2VA
Power Consumption:	Stand-by:	20mA
	Operating:	70mA
Working Temperature:	-20 +60° C	



4000 Series Surface and flush mounting door station installation

INSTALLING A SURFACE MOUNT DOOR STATION

1. Place the surface box against the wall (165-170cm between the top of the box and the floor level as shown in **Fig. 1**) and mark the fixing holes for the wall plugs and the hole for the cables (E) (**fig. 2**). Observe the orientation of the box with the hinge on the left;

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In order to prevent water ingress we highly recommend using a silicon sealant between the wall and the back box ⓒ ON THE LEFT, TOP AND RIGHT SIDES ONLY AND AROUND ALL HOLES ^(D). DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE BACK BOX (Fig.3);

- 2. As shown on **Fig. 2**, drill the fixing holes (A), insert the wall plugs (B) and feed the cables (E) through the surface box opening (D), fix surface box (C) to the wall using the screws (F);
- 3. Apply the (Y) silicon sealant on top of each module as shown in **Fig. 4**;
- 4. Before installation of the module support frame, hook the modules (G) to the support frame (H) as shown in Fig. 5 then, as shown in Fig. 6, fit the two anti-tampering locks (W) for each module (do the same for the second module support frame);
- 5. When you have more than one support frame, hook the support frame to the surface box starting from the left. For convenience we will described how to attach the left frame but the same must be carried out for the right frame. As shown in Fig. 7, hook the module support frame (H) (complete with modules) to the surface box (C) moving the frame as suggested from pointers. Ensure that the pivots (L) (Fig. 7) go inside the relevant housing (M) as shown in Fig. 8;
- 6. As shown on **Fig. 9**, pull back the module support frame (\mathbf{H}) while moving it slightly to the left as suggested by the pointers;
- 7. As shown in **Fig. 10**, open the module support frame (H) as suggested by the pointer, hook the hinge locks (N) to the hinges (M), make the required connections using the screwdriver provided (P) (flat blade end) and make the required adjustment by adjusting the settings (through openings (O)) and adjust trimmers;
- 8. Repeat the same operations described above for the second module support frame (or for the third if available);
- 9. When the system has been tested and is working correctly, move back the module support frames carefully, fix them to the surface box using the screwdriver provided (P) (torx end) and the pin machine torx screws (Q) (Fig. 11). Note: do not over tighten the screws more than is necessary.

INSTALLING A FLUSH MOUNTING DOOR STATION

When flush mounting and the number of modules is greater than 3, the required back boxes need to be linked together (before embedding them in the wall) as shown on **Fig. 14, 15 and 16:**

- Arrange the back boxes and remove knockouts to allow cables to be fed from one back box to the other;
- Hook the spacers to first back box then hook the second back box to obtain the result shown on Fig. 16;
- Protect the module support frame fixing holes from dust then embed the back box into the wall (165-170cm between the top of the box and the floor level as shown on the Fig. 1) feeding the cables (E) (Fig. 2) through a previously opened hole in the box. Observe the direction of the box ensuring the hinge is on the left and take care that the box profile is in line with the finished wall profile;

In order to prevent water ingress we highly recommend using a silicon sealant between the module support frame
 (H) and the back box ON THE LEFT, TOP AND RIGHT SIDES ONLY.
 DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE MODULE SUPPORT FRAME (Fig. 12);

2. Continue from step 4 of surface mounting instructions, but at step 7 hook the hinge locks (\mathbf{N}) as shown on Fig. 13.

Note: if additional holes are made in the surface box, oxidation problems may appear unless the unprotected metal is coated with a protective paint.

NOTES

- The screwdriver's blade has two sides, one flat and one torx, to select one of them unplug the blade from the screwdriver body and plug it into the required side.
- The example shows the use of only one back box bottom hole for wires, this is done to keep file drawings clear. Naturally the installer can use the left hole or the right or both if required.

HOW TO REMOVE THE CARD NAME HOLDER

- To avoid damage to the module front plate, tape the side that will be in contact with the screwdriver blade;
- Insert the screwdriver (flat side) into the card-holder hole as shown in Fig. 17;
- Move the screwdriver to the left as shown in Fig. 18 to extract the card name holder;
- Edit the card name then replace it inside the holder and refit: insert the holder inside its housing from the left or right side then push the other side until it clips into place.

IPVK/6296 Series IP videokit Art. 6296 3.5" touchscreen videophone for IPure system



Fig. 1 Front

DESCRIPTION

3.5" TFT high-resolution LCD monitor, OSD, capacitive touch screen, 4 buttons configurable for functions: door open, intercom call, auto start, camera switching, timed privacy service. 12Vdc or PoE power supply.

2 inputs / 2 outputs.

Wall mounted, white or black finish.

VIDEOPHONE INITIALISATION

If powering on the videophone (through a POE switch/router or an external power supply unit) the display shows the message "DEVICE NOT INITIALISED", use the configuration software for the VIDEX IP system (Videx IP Wizard.exe) to setup the device and the system.

LEDS

Privacy on LED	Ø
It illuminates when the privacy service is enabled.	
Service LED	
It flashes showly if the gateway is not found.	
If turned on, the device has failed to register with the	
configured SIP server.	

Missed call LED C

It flashes showly if there is a missed call.

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Fig. 2 Inside

LEGEND

- A Touchscreen display
- (B) Tactile programmable buttons and LED's
- G Connection terminals
- (H) Ethernet connector
- () Microphone volume trimmer
- C Missed call LED
- **D** Call tone volume control
- **E** Brightness control
- **F** Handset



CONTROLS

Display brightness control	Ň
3 level switch (it controls also the local bell volume).	.it
Call tone volume control	\bigcirc

Sliding wheel.

Microphone volume trimmer 🕕

It increases the volume from the handset to the door panel loudspeaker.

лП

IPVK/6296 Series IP videokit ENG Art. 6296 3.5" touch screen videophone for IPure system **HOME SCREEN** Date and The Home screen (Fig. 3) includes navigation buttons, control Privacy ON/OFF Settings time buttons and general information: menu Settings menu button button button $\widehat{}$ 11:12 Navigate to other screens (for details see "Settings menu" on pag. 19). • Current time and date (to set see "Time" and "Date" on pag. 20). 13 May 2021 Privacy enable/disable button Enable or disable the Privacy service for the set time (for Control touch buttons details see "Set Privacy duration" on pag. 19). \odot V U Control touch buttons _ (for details see "Control touch buttons" on pag. 17). Fig. 3 (i) If the display is in standby, simple tap it to activate. **CONTROL TOUCH BUTTONS** Shows the list of secondary services connected to the device. \langle SELECT AN OUTPUT Gate 1. Tap the desired service: it will be highlighted in blue. 2. Tap the \checkmark green button in the top right corner of the screen to confirm Main entrace or Tap the \langle button in the top left corner of the screen to return to the Home Back door screen. Garage (\mathbf{i}) If you can't see all the outputs, tap \prec or > buttons at the bottom of the screen to browse pages. < Fig. 4 CAMERAS

Ο Shows the list of video outdoor stations cameras connected to the device.

- 1. Tap the desired camera: it will be highlighted in blue.
- 2. Tap the \checkmark green button in the top right corner of the screen to confirm: the device shows the camera output

or Tap the \langle button in the top left corner of the screen to return to the Home screen.

i) For the functions allowed during a camera recall or during a video call, please see "During a video call" on page 21.

(i) If you can't see all the outdoor stations, tap \lt or ightarrow buttons at the bottom of the screen to browse pages.



>



Notification badge

If there is one or more missed calls, you will see a blue badge on the Home screen overlaid O with the number of missed events.

(i) A missed call is also signalled by the LED (C).





Art. 6296 3.5" touch screen videophone for IPure system

SETTINGS MENU

To open the **Settings menu** tap the \equiv icon in the top left corner of the Home screen.

The following options are available:

- Menu page 1
- Info
- Link Videx App
- Time Set Privacy Duration
 Date
- Set Melody
- Language

 Screen Cleaning Camera Settings

• UI Theme

Menu page 3

(i) If you can't see all the options, tap \langle or \rangle buttons at the bottom of the screen to browse pages.

Menu page 2

Number Of Rings



ENG

INFO

Provides the following device information:

- Device name
- Device part number
- ID
- IP address
- MAC address
- Software and hardware version

Tap the \langle button to return to Settings menu.

LINK VIDEX APP

Enables the device to be connected to the Videx CloudNected smartphone app:

- 1. Enter administrator password and then tap the \checkmark button.
- Tap \bigcirc button to delete digits. Tap the \checkmark button to return to Settings menu. 2. Once you enter the correct password the device shows the QR binding code.
- 3. Open Videx CloudNected app on your smartphone, login or register (if you are not registered yet).
- 4. Tap the \equiv icon on the top left corner of the app, next tap "Device Manager" and then tap + button on the top right corner of the screen.
- 5. Scan the QR code: now your smartphone is connected with the device.



SET PRIVACY DURATION

Enables you to set the duration of Privacy service from 1 hour to 24 hours or infinite:

- 1. Tap \wedge or \vee buttons to select the desired Privacy duration time.
- 2. Tap the \checkmark green button to confirm: the device goes back to Settings menu with the selected Privacy time duration

٥r

Tap the \langle button to return to Settings menu without saving the changes.





Art. 6296 3.5" touch screen videophone for IPure system

SET MELODY

Enables you to set the ringtone (three tones available):

- 1. Tap \wedge or \checkmark buttons to select the desired ringtone. The device will play the current ringtone.
- 2. Tap the ✓ green button to confirm: the device goes back to Settings menu with the selected ringtone
 - or Tap the \checkmark button to return to Settings menu without saving the changes.



ENG

Fig. 12

NUMBER OF RINGS Enables you to set the number of rings (from 1 to 9):	TIME Enables you to set time manually: 1. Tap ∧ or ∨ buttons of the correspond-	 DATE Enables you to set date manually: 1. Tap ∧ or ∨ buttons of the correspond-
 Tap ∧ or ∨ buttons to select the desired number of rings. Tap the ✓ green button to confirm: the device goes back to Settings menu with the selected number of rings or Tap the < button to return to Settings menu without saving the changes. 	 ing fields to set Hour and Minute. 2. Tap the ✓ green button to confirm: the device goes back to Settings menu with the selected time or Tap the < button to return to Settings menu without saving the changes. 	 ing fields to set Day, Month and Year. 2. Tap the ✓ green button to confirm: the device goes back to Settings menu with the selected date or Tap the < button to return to Settings menu without saving the changes.
LANGUAGE Enables you to select the device lan-	UITHEME Enables you to set the dark or light	SCREEN CLEANING Enables you to disable touch screen for
 ish, German, Norwegian or Portuguese languages: 1. Tap ∧ or ∨ buttons to select the desired language. 	 desired theme: 1. Tap the ✓ green button in the top right corner of the screen to confirm and return to Settings menu 	 1. Tap the ✓ green button to start Screen cleaning mode: a 10 seconds count-down will start
 2. Tap the ✓ green button to confirm: the device goes back to Settings menu with the selected language. or Tap the < button to return to Settings menu without saving the changes. 	or 2. Tap the < button to return to Settings menu without saving the changes.	 Tap the < button to return to Settings menu. 2. At the end of countdown the device goes back to Settings menu and the touchscreen is available again.

Art. 6296 3.5" touch screen videophone for IPure system

CAMERA SETTINGS

Enables you to adjust contrast, brightness and hue for the picture coming from any outdoor station:

- 1. Enter the administrator password and then tap the \checkmark button.
- 2. The device shows the list of the video outdoor stations connected: tap one of them and then tap the \checkmark button.
- 3. The device shows the picture coming from the selected camera: tap ☆ brightness, **①** contrast or ∆ hue buttons to adjust the image, the corresponding slider will appear.

(i) To close an adjustment slider and return to Camera settings page, tap < button in the top left corner of the screen.

(i) The brightness adjustment iss also available during a conversation or camera recall using wheel (E).

4. Tap the ✓ green button to confirm: the device saves the settings **or**

Tap the \checkmark button to return to the Settings menu without saving the changes.



ENG





Fig. 14

DURING A VIDEO CALL

During a call from an outdoor station (or during a camera recall) you're able to make the following operations and adjustments:

- 🔠 Activate a secondary service
- Activate a secondary camera input (through tactile push button)
- Ψ Enable or disable microphone
- Take a snapshot
- imes Reject or close the call

ACTIVATE A SECONDARY SERVICE

- 1. Tap 🗄 icon: a menu will appear with secondary services available.
- 2. Tap the desired service: it will be highlighted in blue.

3. Tap the ✓ green button in the top right corner of the screen to confirm **or**

Tap the \checkmark button to return to the previous screen without activating any secondary service.

ACTIVATE A SECONDARY CAMERA INPUT

- 1. Press and keep pressed the 🗘 tactile push button until the display shows the camera switching notice: the display now shows the video coming from the alternative video source.
- 2. To switch the video source back again, repeat the steps above .
- 3. Press and keep pressed 🗄 tactile push button to take a snapshot: the picture will overwrite the snapshot already taken. To see the snapshot go to 🛈 **Event log** and tap the related event. For details see **"Event log" on page 18**.
- 4. If there are no external video sources connected to the door panel, an alert message will be shown.





IPVK/6296 Series IP videokit		
Art. 6296 3.5" touch screen videor	phone for IPure system	THE POWER TO SECURE
 ENABLE OR DISABLE MICROPHONE 1. Tap ♥ icon to disable the microphone. 2. Tap again to enable it. Microphone enabled Microphone disabled Note: this option is available only when you pick up the handset.	TAKE A SNAPSHOTBy default, on every videocall or can recall, the device takes a snapshot a matically.If you tap ⊡ icon the snapshot will be c written.To see the snapshot go to ③ Event and tap the related event. For details"Event log" on page 18.	nera REJECT OR CLOSE THE CALL Tap X to reject or close the call. over- log see
INTERCOMMUNICATING CALL		
During a call coming from an indoor static operations and adjustments:	on you're able to make the following	KITCHEN
\propto Reject or close the call		
ENABLE OR DISABLE MICROPHONE 1. Tap	Microphone enabled	
when you pick up the handset.	Microphone disabled	
REJECT OR CLOSE THE CALL		

Tap X to reject or close the call.

INPUTS/OUTPUTS OPERATION AND TACTILE PROGRAMMABLE PUSH BUTTONS

The operation of the input/output terminals and the four tactile buttons (**Fig. 1** (B)) are fully programmable using the programming software **VX IP Wizard**.

FACTORY DEFAULT PROCEDURE FOR VIDEOPHONES SUPPLIED WITH VIDEOKITS

The following procedure can be used to reset and pair the videophone and entrance panel supplied in a one apartment or two apartment kit. Once paired the door panel will call the videophones without any further setup required. Additional setup is optional to set device names, specific IP addresses etc. The default IP addresses are:

Entrance panel:192.168.1.180Videophone 1:192.168.1.181Videophone 2:192.168.1.182

VIDEOPHONE RESET FOR ONE OR TWO APARTMENT VIDEO KIT

The videophone is required to be open for this procedure.

- 1. Power down the videophone.
- 2. Restore the power keeping pressed the O--- and Ô buttons (Fig. 17) until the □ and O--- LEDs start flashing together (Fig. 18)*.
- 3. To setup which videophone is the first and which is second, press and keep pressed one of the following buttons until only the relevant LED remains ON:
 - The O--- button for the first monitor of a one way or two way video kit (**Fig. 19**).
 - The $\exists \ddot{a}$ button for the second monitor of a two way video kit (**Fig. 20**).
- 4. When the button is released, the monitor emits one long beep (videophone one) or two long beeps (videophone two) then reboots with the new settings.

* If the monitor is connected to the cloud , the O_{---} LED flashes twice then the videophone will reboot without changing the settings, In this case, the IP wizard must be used to make any changes to the videophone settings.



Fig. 16



Fig. 17 Press and keep pressed



Fig. 19 Videophone 1 of a one or two way videokit

Fig. 18 Release the buttons when the LEDs start flashing



Fig. 20 Videophone 2 of a two way videokit

Art. 6296 3.5" touch screen videophone for IPure system

ENABLE BOOTLOADER MODE

In case of firmware update failure (i.e. because of mains failure or cable disconnection during the update etc.) and the videophone is no longer recognised by the Videx IP Wizard software, you can try to restore it by manually putting it into boot mode.

It is strongly recommended that this operation is carried out by a qualified engineer and in any case after contact with videx support.

- Disconnect the videophone from the power supply (ethernet connector if supplied by POE or +12Vdc terminal connector if supplied by a power supply unit).
- Press and keep pressed
 button then connect again the power supply source (ethernet connector if supplied by POE or +12Vdc terminal connector if supplied by a power supply unit).
- The videophone will go into boot mode which is indicated by the four LED's flashing alternatively (**Fig. 21**).
- Now proceed using the utility "VidexFirmwareUpdater.exe" to upload the firmware to the device.
- If the update process terminates correctly, the device should be restored and ready to work.
- If the device still does not work, please contact the supplier to proceed according to the warranty terms.

CONNECTION TERMINALS SIGNALS



IN2	Active low input 2	
IN1	Active low input 1	
OUT2	Relay 2	
OUT2	C & NO dry contacts	Max 35Vdc
OUT1	Relay 1	50mA
OUT1	C & NO dry contacts	
12V	12 Vdc - 300mA power sup	ply input.
GND	This is not used if the videophone is connected to a POE Switch or Router	
Α		
В	RS-485 connection	
GND		

ENG

Fig. 21 Monitor in boot mode

TECHNICAL SPECIFICATIONS		
Housing and mounting	6200 Series -	Surface
Push buttons:	4	
Programming:	Through tou software	chscreen or PC Wizard
Controls:	Call tone volume Display Brightness Microphone volume	
Power consumption:	Stand-by: Operating	250mA 250mA
Working voltage:	12Vdc - 300n	nA or POE

Operating Working voltage: 12Vdc - 30

IPVK/6296 Series IP videokit Art. 6296 3.5" touch screen videophone for IPure system



WALL MOUNTING INSTRUCTIONS



/ WARNING: Remember to remove the mains before installing the videomonitor.

- 1. Disconnect the handset, then remove the cover inserting a 5.5mm flat screwdriver into both the clips (A) then rotate clockwise until you listen a "CLICK!" (Fig. 1).
- 2. Pull outwards the top part of the cover. **Don't pull the cover straight** (Fig. 2).
- 3. Open one of the two pre-formed holes (B) of your choice according to your needs (Fig. 3).
- 4. Put the cover **in a vertical position** on the wall leaving approx 135cm between the lower side of the back cover and the finished floor (**Fig. 4**).
- 5. Mark the point for the fixing holes remembering that the wires must be fed through the hole that you chose to open (Fig. 5).
- 6. Make the holes, insert the wall plugs and fix the back cover with the screws feeding the wires into the hole that you chose to open (**Fig. 6**).
- 7. Connect the wires to the terminals following the provided installation diagram and the Ethernet cable to LAN connector (Fig. 7).
- 8. Close the unit: first hook on the bottom then the push in the top until you hear a "CLICK!" and reconnect the handset (Fig. 8).

IPVK/6296 Series IP videokit Windows setup static IP address

DESCRIPTION

In order to setup the Videx IP system the PC running the VIDEX IP wizard and all the VIDEX IP devices must be connected on the same LAN. Once the physical connection is made, the PC's network card must be properly set and connected to the LAN mentioned above. To achieve this please follow the instructions below.

WINDOWS SETUP STATIC IP ADDRESS

The picture refer to the Windows 10 operating system but you can proceed in a similar way under Windows 7.

Open the control panel by right clicking on the start menu or searching it from the search box.



ENG

Under control panel items, click on "Network and Sharing Centre".



Fig. 2 Select "Network and Sharing Centre"



Under "Network and Sharing Centre" click on "Change adapter settings" on the left side of the window.

IPVK/6296 Series IP videokit Windows setup static IP address

Under "Network connection", right click on the network card used for the LAN connection to the VIDEX IP System then click on "Properties"





Under "Ethernet Properties" slide down to find "Internet Protocol Version 4 (TCP/IPv4)", click on it then click on the "Properties" button.





IP Address "172.20.0.1",

Subnet mask "255.255.0.0"

and leave the other fields empty as shown in the picture.

Click the "OK" button then close "Ethernet Properties". Now the PC's network card is properly configured to run the VIDEX IP wizard software.





ONE WAY VIDEOKIT WITH DC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH



ONE WAY VIDEOKIT WITH AC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH



ONE WAY VIDEOKIT WITH DC ELECTRIC LOCK AND POE ROUTER /SWITCH



ONE WAY VIDEOKIT WITH AC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH



TWO WAY VIDEOKIT WITH DC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH



TWO WAY VIDEOKIT WITH AC ELECTRIC LOCK STANDARD ROUTER /SWITCH



ENG

 $\langle \rangle$

TWO WAY VIDEOKIT WITH DC ELECTRIC LOCK AND POE ROUTER /SWITCH



TWO WAY VIDEOKIT WITH AC ELECTRIC LOCK AND POE ROUTER /SWITCH



ONE WAY VIDEOCODE KIT WITH DC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH



TWO WAY VIDEOCODE KIT WITH DC ELECTRIC LOCK AND STANDARD ROUTER /SWITCH







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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, nº 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.



MANUFACTURER

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THE POWER TO SECURE



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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.

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El producto lleva la marca CE que demuestra su conformidad y puede ser distribuido en todos los estados miembros de la unión europea UE. Este producto cumple con las Directivas Europeas 2014/30/EU (EMC); 2014/35/EU

(LVD); 2011/65/EU (RoHS): marca CE 93/68/EEC.

O produto tem a marca CE que demonstra a sua conformidade e destina-se a distribuição em todos os estados membros da UE, sem restrições. Este produto segue as disposições das Diretivas Europeias 2014/30/UE (EMC); 2014/35/UE (LVD); 2011/65/UE (RoHS): marcação CE 93/68/CEE.

