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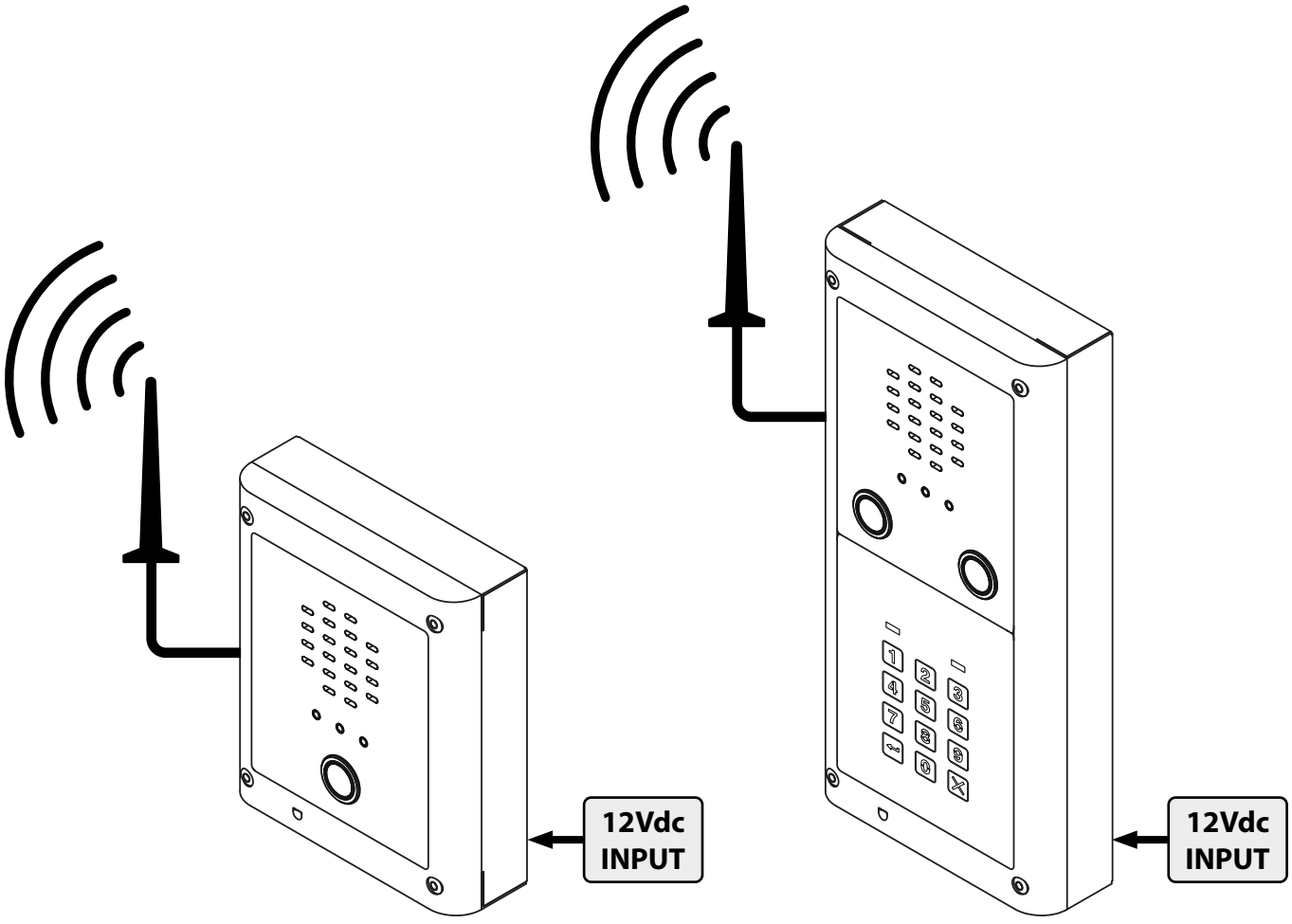
VIDEX®

4G VR GSM AUDIO INTERCOM KIT

4000 Series Vandal Resistant GSM Audio Intercom with Proximity Facility

GSMVRK/4G
GSMVRKC/4G



Quick Installation Guide
(Full Manual Available - see page 2)

66250758-4G-EN
V1.0 - Rev.0.1 - 12/02/24

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

Contents

Introduction 2
Art. VR4KGSM/4G GSM Module 3
Art. VR4901 Keypad Module 4
Additional Button Modules 5
Wiring Diagrams 6
General Directions for Installation 7
Programming the GSM Intercom 8
Quick Setup for a 1 button GSM Audiokit 9
User Commands 9
Notes 10

EU RoHS DECLARATION OF CONFORMITY

4G version

SIMCom certifies that the LTE/HSPA/GSM/GNSS module (model no. SIM7600G-H, SIM7600G-H miniPCIE) is in conformity with the essential requirements of **RE Directive 2014/53/EU** of the European Parliament and the Council of 16th April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing **Directive 1999/5/EC**.

⚠ **WARNING! IN ORDER TO COMPLY WITH FCC RF EXPOSURE REQUIREMENTS, A SEPARATION DISTANCE OF 20CM (7.87") OR MORE MUST BE MAINTAINED BETWEEN THE ANTENNA OF THIS PRODUCT AND ALL PERSONS.**

SEPARATE FCC APPROVAL FOR THIS PRODUCT IS NOT REQUIRED AS IT WILL BE CLASSED AS A FIXED INSTALLATION.

THIS PRODUCT IS NOT DESIGNED TO BE USED AS AN EMERGENCY CALL POINT.

DECLARATION OF RESPONSIBILITY

This technical manual has been written and revised carefully. The guidance and the descriptions which are included in it are in reference to VIDEX parts and are correct at the time of print. However, subsequent VIDEX parts and technical manuals, can be subject to changes without prior notice. **VIDEX Electronics S.P.A.** and **VIDEX Security Ltd (UK)**. cannot be held responsible for damages caused directly or indirectly by errors, omissions or discrepancies between the VIDEX parts and the technical manual.

VULNERABILITY POLICY

VIDEX have an ongoing policy to improve its software and firmware while keeping backward compatibility a high priority, this includes adding new features, correcting software/firmware issues and adapting to platform and operating system changes. These updates will be available for the full life of the product.

Introduction

QUICK GUIDE INTRODUCTION

The information in this document is intended as an installation and commissioning quick guide for the 4000 series 4G GSM audio intercom system. **This manual should be read carefully before the installation commences**. Any damage caused to the equipment due to faulty installation where the information in this manual has not been followed is not the responsibility of **VIDEX Electronics S.P.A.** and **VIDEX Security Ltd (UK)**.

THIS IS JUST A QUICK GUIDE ONLY,
THE FULL TECHNICAL MANUAL CAN BE DOWNLOADED BY SCANNING THE QR CODE.

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Art. VR4KGSM/4G GSM Module

ART. VR4KGSM/4G (150/4G) MODULE

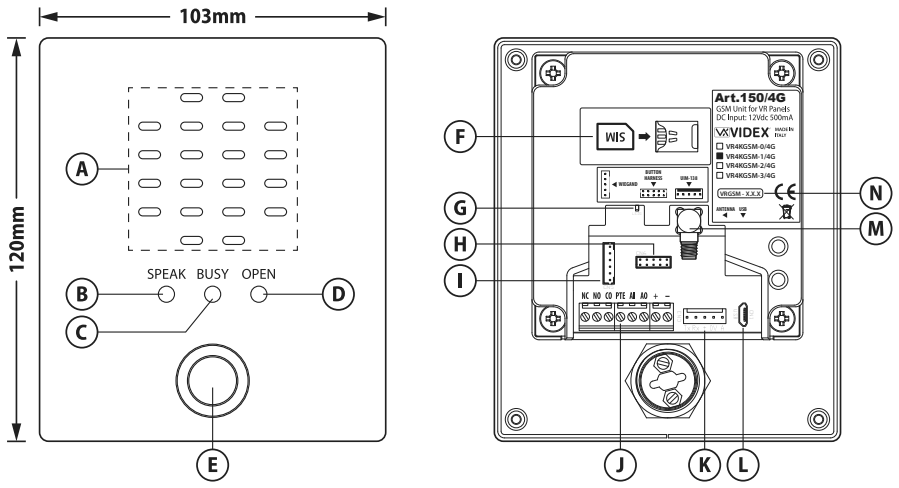


Fig. 1

LEGEND

- Ⓐ Intercom speaker
- Ⓑ Speak (yellow) call progress LED
- Ⓒ Busy (red) call progress LED
- Ⓓ Door Open (green) call progress LED
- Ⓔ Vandal Resistant call button
- Ⓕ SIM card holder (nano SIM)
- Ⓖ Power & network status indication LED
- Ⓗ Button harness connection, **CN6**
- Ⓘ Wiegand reader connection, **CN5**
- Ⓙ Terminal connections
- Ⓚ Display interface connection, **CN3**
- Ⓛ Micro USB connection, **CN1**
- Ⓜ SMA antenna connection
- Ⓝ Current firmware version

TERMINAL CONNECTIONS

Terminal	Description	
NC	Normally closed relay contact.	Relay contacts: 3A@24Vdc 3A@120Vac
NO	Normally open relay contact.	
CO	Common relay contact.	
PTE	Push to exit input (switched 0V).	
AI	Auxiliary input (switched 0V).	
AO	Auxiliary output (open collector, 150mA max.)	
+	+12Vdc power input (500mA max.)	
–	0V ground power.	
USB	Micro USB connection (**CN1**). For connection refer to the full technical manual.	
UIM-138	Display interface harness connection (**CN3**). For connection refer to the full technical manual.	
Wiegand	Wiegand proximity reader harness connection (**CN5**). For connection refer to the full technical manual.	
Button Harness	Pre-wired button harness connection (**CN6**). For wiring colour codes and button configurations refer to the full technical manual.	

CALL PROGRESS LED'S

LED	Description
(Yellow) SPEAK	**SPEAK** - yellow LED ON when speech is active, **Fig.1**, Ⓑ.
(Red) BUSY	**BUSY** - red LED ON when system busy, flashing when connecting to network, **Fig.1**, Ⓒ.
(Green) OPEN	**OPEN** - green LED ON when relay active, **Fig.1**, Ⓓ.

TECHNICAL SPECIFICATION

Working Voltage:	12-14Vdc +/- 10%	**Standby Current:**	60mA (approx.)
Max. Current:	500mA max.	**Call Buttons:**	Up to 24
Numbers per Button:	4	**Dial to Open No's:**	1000
Proximity Users:	1000 (when reader connected)	**Access control timebands:**	10
Temp Dial to Opens:	32	**Call button timebands:**	1
Event Log:	4000 events or real time	**Free Access timebands:**	10

CONNECTING OTHER MODULES

The following modules can be connected to the GSM module: **i)** wiegand proximity reader, **Art.VR4KPPM**, via the proximity reader harness connection **CN5** and **ii)** display interface, **Art.VR4KDM (UIM-138)**, via the display harness connection **CN3**. For further details refer to the full technical manual.

Art. VR4901 Keypad Module

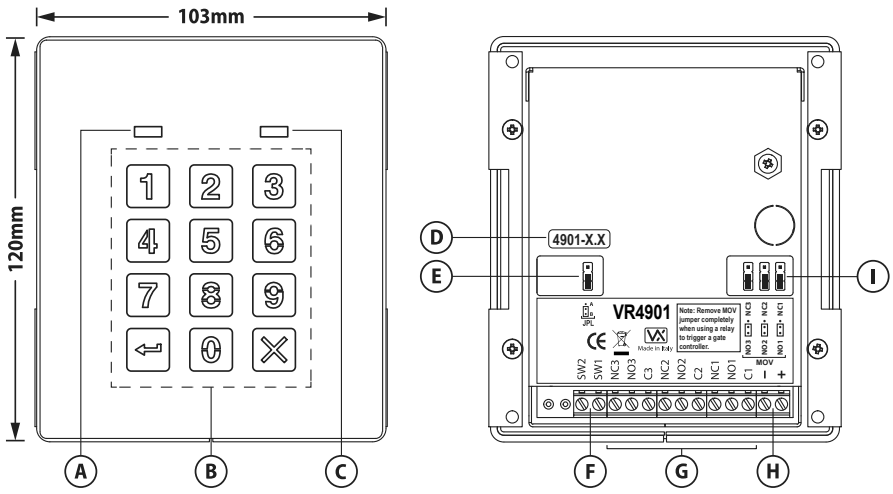


Fig. 2

LEGEND

- (A) Accept LED (green)
- (B) Back-lit (blue) key buttons, (**0 - 9**, **ENTER** and **CLEAR**)
- (C) Program/access denied LED (red)
- (D) Current firmware version (**4901-X.X**)
- (E) Back light adjustment jumper (**JPL**)
- (F) PTE terminals (**SW1** and **SW2**)
- (G) Relay terminals (**RLY1, RLY2** and **RLY3**)
- (H) Power input terminals
- (I) Back EMF protection MOV jumpers, (1 jumper per relay)

PROGRAMMING THE KEYPAD

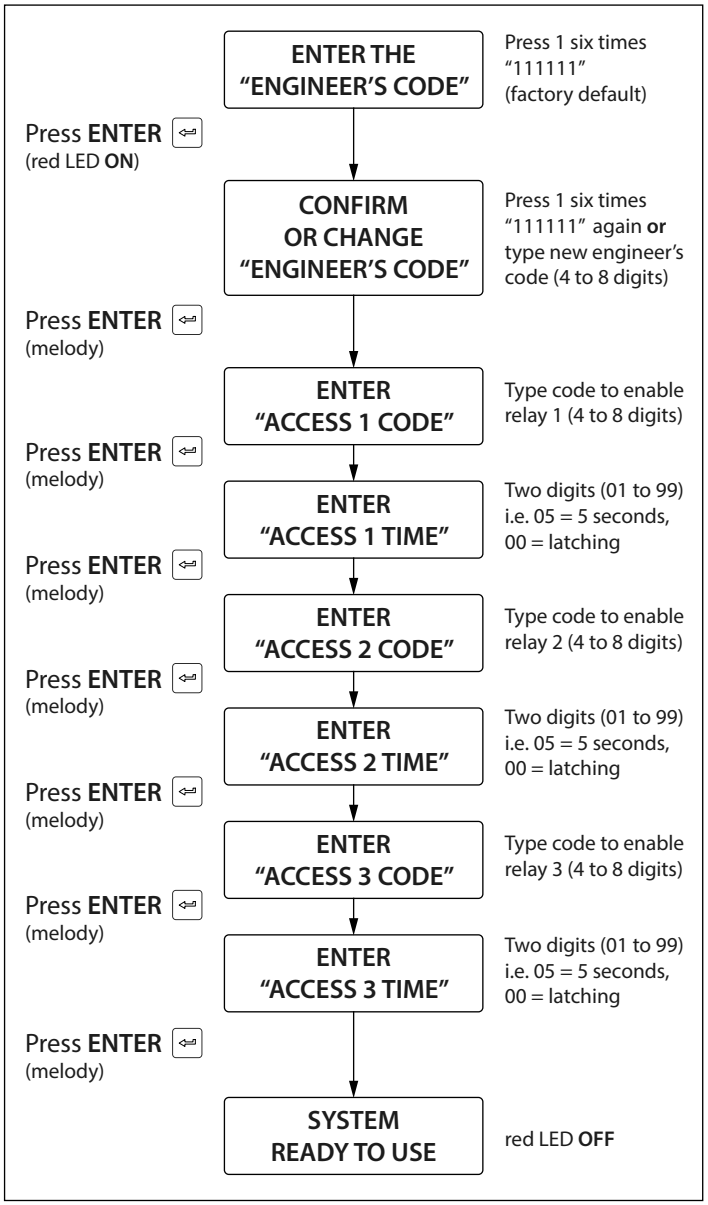
The keypad can be programmed using the blue back-lit key buttons, **Fig.2** (B), and by following the flowchart opposite and also to adjust the relay operating times (default 5 seconds). To exit prog. mode at any point press the **ENTER** button twice.

TERMINAL CONNECTIONS

Connection	Description	
SW2	Switched 0V input to trigger relay 2 only	
SW1	Switched 0V input to trigger relay 1 only	
NC3	Relay 3 normally closed connection	Relay contacts: 3A @ 24Vac/dc (max.)
NO3	Relay 3 normally open connection	
C3	Relay 3 common connection	
NC2	Relay 2 normally closed connection	
NO2	Relay 2 normally open connection	
C2	Relay 2 common connection	
NC1	Relay 1 normally closed connection	
NO1	Relay 1 normally open connection	
C1	Relay 1 common connection	
-	0V power input	
+	12-24V AC or DC power input	

TECHNICAL SPECIFICATION

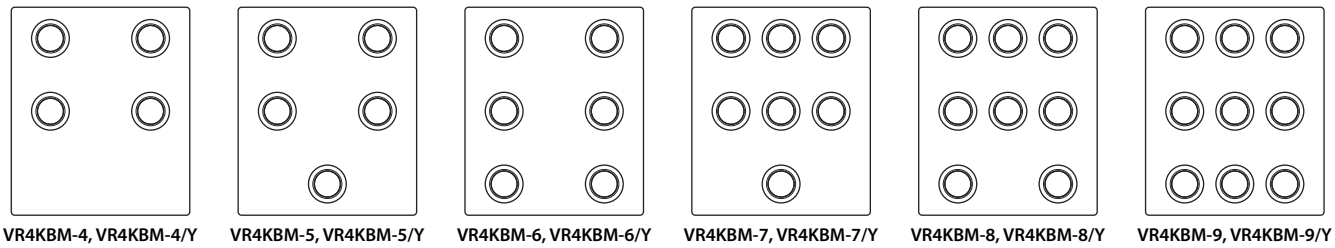
Working Voltage:	12V - 24Vac/dc +/- 10% (2VA)
Current:	20mA (standby), 70mA max.
Access codes:	3, between 4 - 8 digits length
Number of codes:	1 code per relay
Numbers of relays:	3, **RLY1, RLY2** and **RLY3**
Relay current/voltage:	3A @ 24Vac/dc (max.)
Relay times:	1 - 99 seconds, 00 for latching
Back EMF protection:	3x MOV jumpers, 1 per relay
Push to exit inputs:	2, **SW1** and **SW2** (switched 0V)
Back-lit buttons:	Yes, back-lit blue
Back light adjustments:	Yes, via jumper **JPL**



Additional Button Modules

EXTENSION BUTTON MODULES

The **VR4KGSM/4G** GSM module can connect up to 24 call buttons. Any of the 4000 series vandal resistant button modules can be used, as shown in **Fig.3** (including their part numbers). Please note the **VR4KBM-2NP**, **VR4KBM-3NP** and **VR4KBM-4NP** nameplate button modules can also be used.



VR4KBM-4, VR4KBM-4/Y | VR4KBM-5, VR4KBM-5/Y | VR4KBM-6, VR4KBM-6/Y | VR4KBM-7, VR4KBM-7/Y | VR4KBM-8, VR4KBM-8/Y | VR4KBM-9, VR4KBM-9/Y

Fig. 3

BUTTON HARNESS WIRING

Button connections to the GSM module are shown in **Fig.4** (only the wiring of the button harness is shown).

Care should be taken when using additional button modules with a GSM intercom module which also has onboard buttons.

For example, a GSM module with one button, **VR4KGSM-1/4G**, means the extension button module used must start wiring from button **2** on the button harness (i.e. the **green "b"** and the **white "1"** wires would be used), a GSM module with two buttons, **VR4KGSM-2/4G**, means the extension button module used must start wiring from button **3** on the button harness (i.e. the **blue "c"** and the **white "1"** wires would be used) and so on.

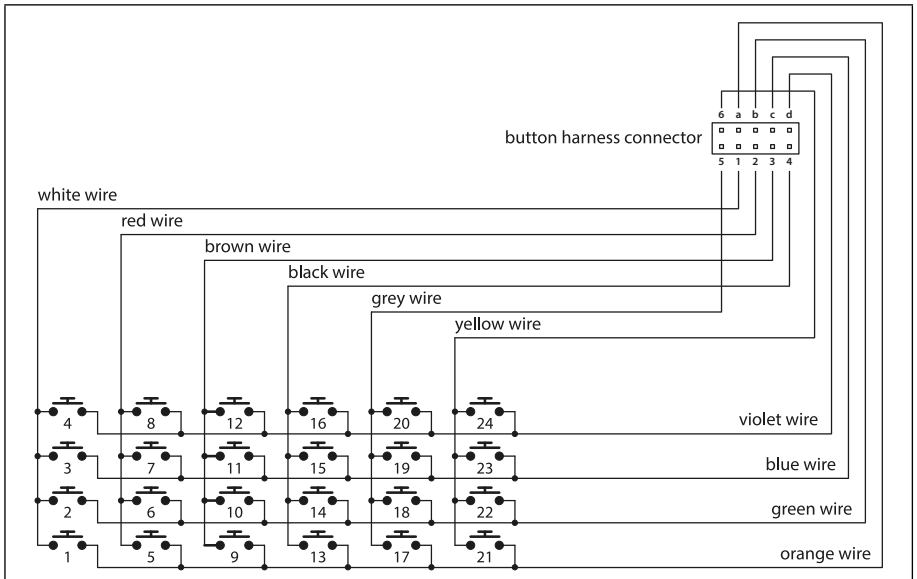
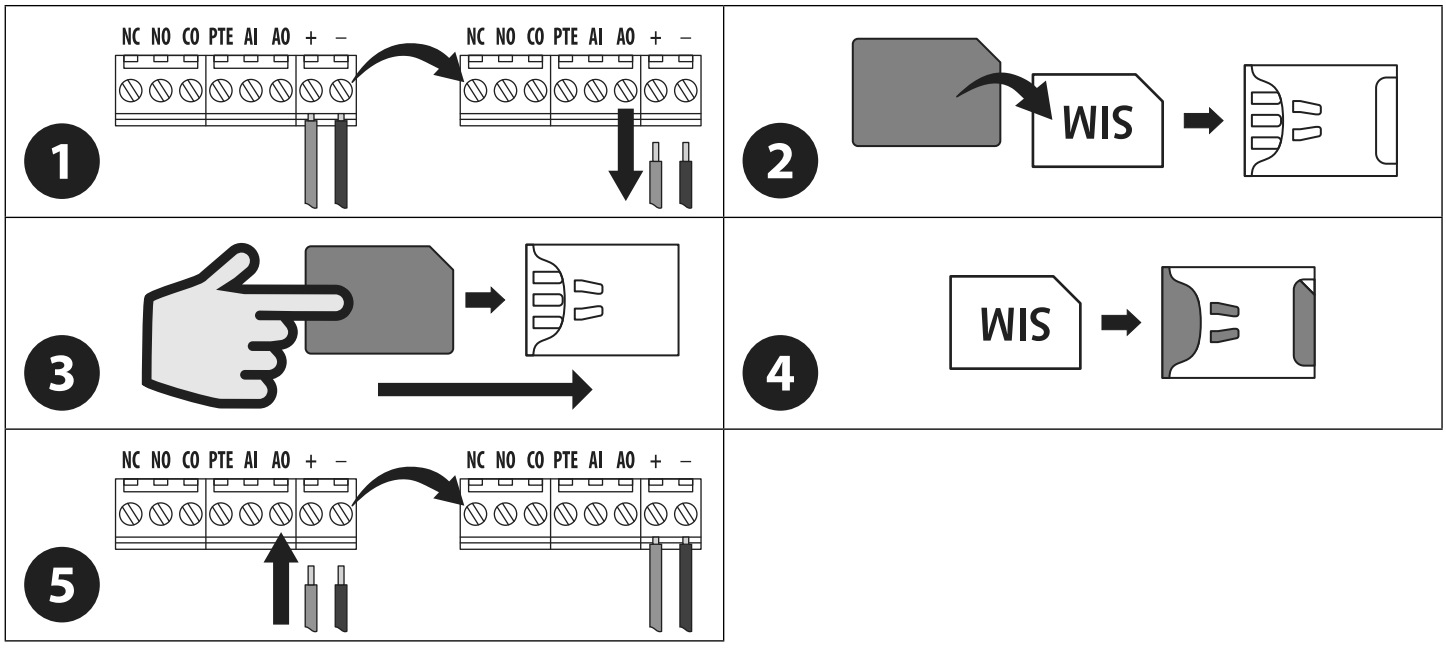


Fig. 4

⚠ <u>IMPORTANT NOTE:</u> BEFORE FITTING THE SIM CARD PLEASE ENSURE THE POWER TO THE GSM IS SWITCHED OFF.

FITTING THE SIM



Wiring Diagrams

GSMVRK/4G CONNECTIONS

Fig.5 shows the wiring connections for a fail secure lock for a **GSMVRK-1/4G** and a **GSMVRK-1S/4G** audiokit.

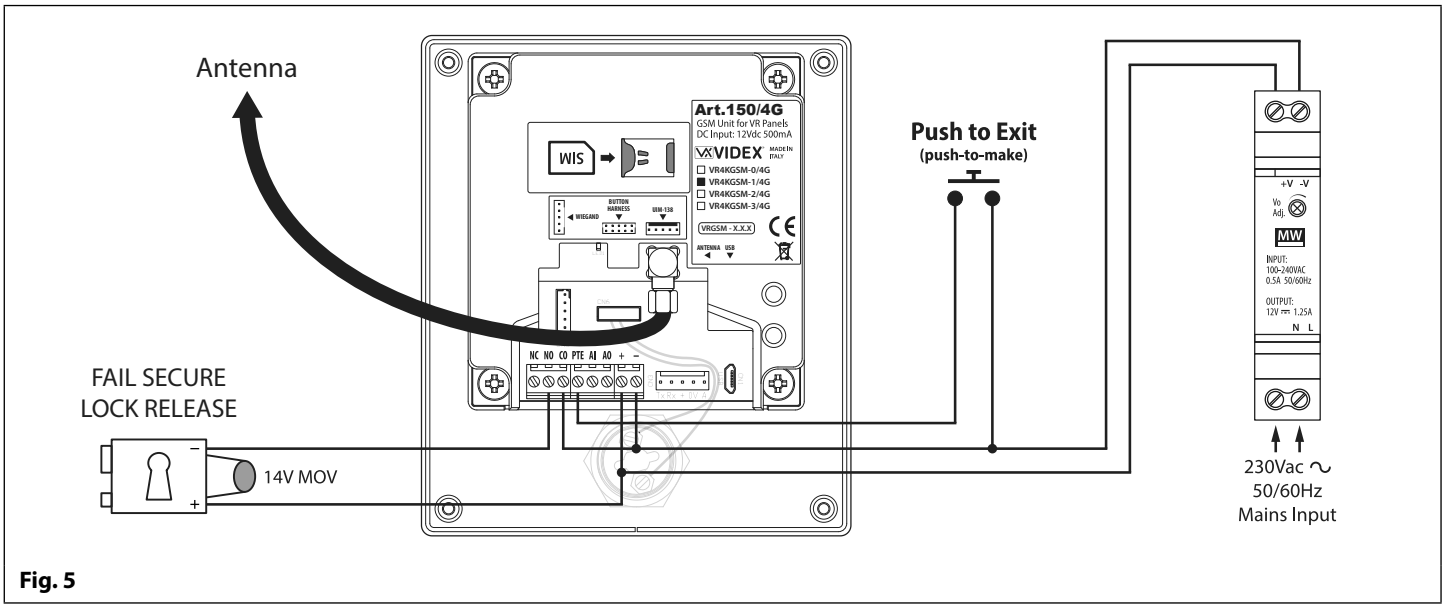


Fig. 5

GSMVRKC/4G CONNECTIONS

Fig.6 shows connections for a **GSMVRKC-1/4G** and **GSMVRKC-1S/4G** audiokit with wiring for a 12Vdc fail secure lock release through **RLY1** contacts (**C1**/**NO1**) of the **VR4901** keypad. Inset are wiring connections for volt free gate contacts and wiring connections for a 12Vdc fail safe lock release also shown wired through **RLY1** contacts (**C1**/**NO1**) of the **VR4901** keypad.

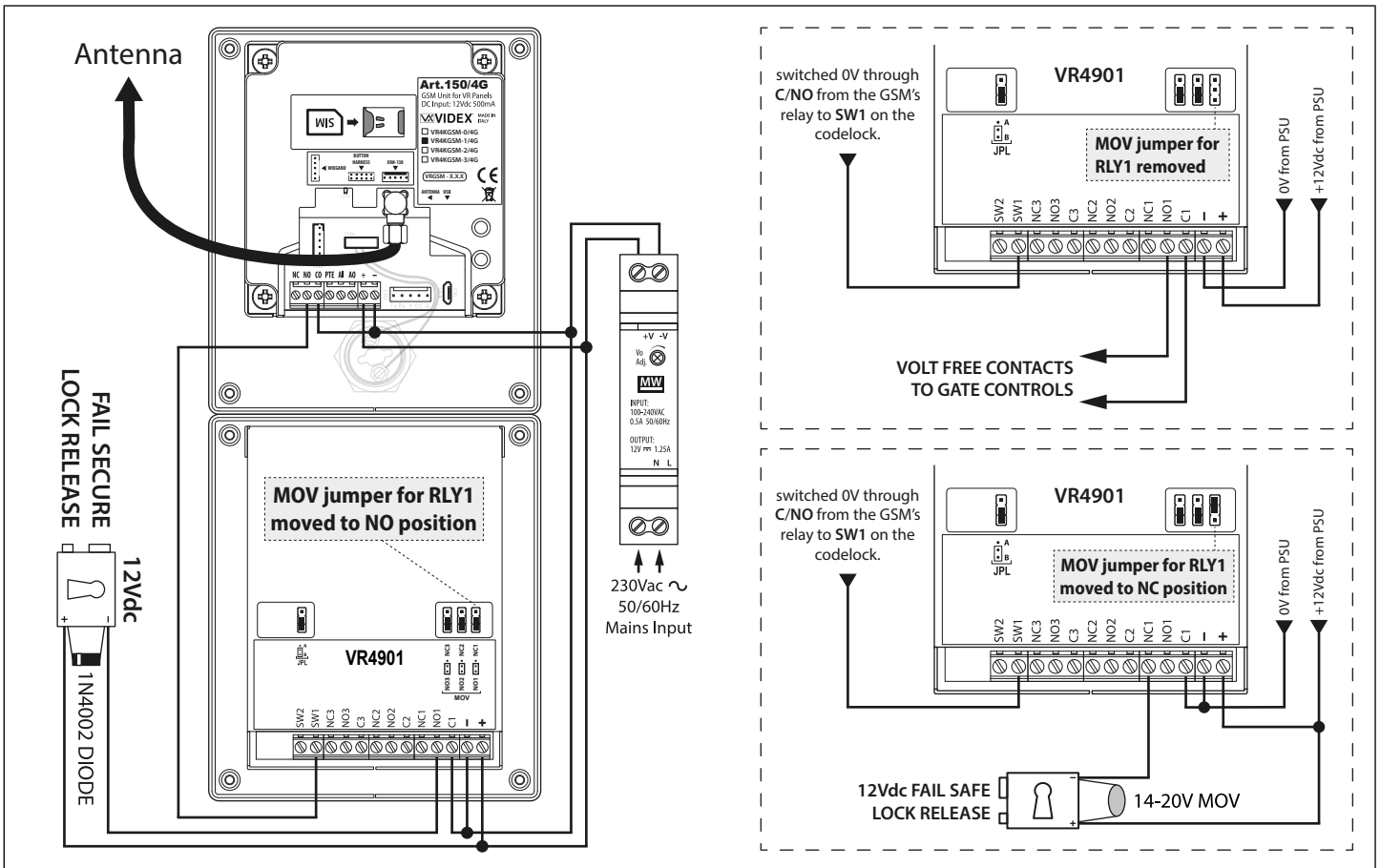


Fig. 6

⚠ **<u>IMPORTANT:</u> IN INSTANCES WHERE THE CURRENT DRAW OF THE LOCK (FAIL SECURE OR FAIL SAFE) EXCEEDS THE CURRENT RATING OF THE HDR15-12 (1.2A) POWER SUPPLY A SEPARATE POWER SUPPLY WITH A SUFFICIENT CURRENT RATING WILL BE REQUIRED TO POWER THE LOCK.**

General Directions for Installation

CABLE SIZE GUIDE - POWER SUPPLY AND LOCK RELEASE CONNECTIONS

For PSU and lock connections refer to the table.

Distance	20m	50m	100m
Cross Sectional Area (CSA)	0.5mm^2	1.0mm^2	1.5mm^2

Ideally the PSU should be located as close to the GSM intercom panel as possible for best performance. The maximum acceptable resistance for the above cables = 3Ω or less for best possible performance.

⚠ **IMPORTANT NOTE: ONLY BARE COPPER (BC) CABLE SHOULD BE USED, SOLID OR STRANDED IS ACCEPTABLE. PLEASE BE AWARE THAT WHEN SELECTING CABLE THE FOLLOWING TYPES ARE NOT RECOMMENDED BY VIDEX: COPPER COATED STEEL (CCS) AND COPPER CLAD ALUMINIUM (CCA).**

GENERAL INSTALLATION NOTES

- Check that all components are free from damage before installing (**do not proceed with installation in the event of damage**).
- Keep all packaging away from children (**please dispose of any excess waste and packaging responsibly**).
- **Do not obstruct** the ventilation openings or slots on any of the devices.
- All connections to mains voltages must be made to the current national standards (**I.E.T. wiring regulations for the UK** or the appropriate standards of your country if installing overseas).
- Install an appropriate fused spur or isolation switch to isolate the mains.
- Isolate the mains before carrying out any maintenance work on the system.
- Avoid water ingress into the rear of the module, always seal the module frame after installation using a suitable silicon based sealant.
- All intercom and access control cables must be routed separately from the mains (ideally in a separate cable tray or duct).

LOCK RELEASE WIRING AND BACK EMF PROTECTION

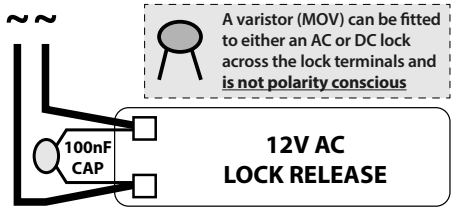


Fig. 7

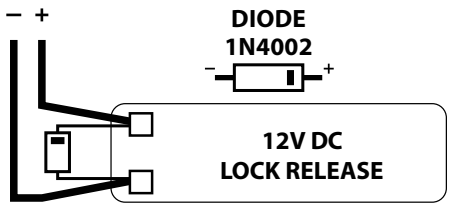


Fig. 8

For back EMF protection for AC locks fit a 100nF ceramic disc capacitor across the lock terminals as shown in **Fig.7**. For DC locks (fail secure or fail safe) fit a 1N4002 diode across the lock terminals as shown in **Fig.8**. If either of these are not available a 14 - 20V MOV (metal oxide varistor) can be fitted instead (**Fig.7**) on both an AC and DC lock. Examples can also be seen on the wiring diagrams on page 6.

CONNECTION TO MAINS, SAFETY AND GUIDANCE NOTES

⚠ **IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE COMMENCING WITH THE INSTALLATION. IT IS RECOMMENDED THAT ANY CABLING AND VIDEX PRODUCTS BE INSTALLED BY A COMPETENT AND QUALIFIED ELECTRICIAN, SECURITY INSTALLATION SPECIALIST OR COMMUNICATIONS ENGINEER.**

- **DO NOT** install any Videx product in areas where the following may be present or occur:
- Excessive oil or a grease laden atmosphere.
- Corrosive or flammable gases, liquids or vapours.
- Possible obstructions which would prevent or hinder the access and/or removal of the Videx product.

MAINS CONNECTION

The system **MUST** be installed in accordance with the current I.E.T. regulations (in particular **I.E.T. Wiring Regulations, Eighteenth Edition BS7671:2018** for the UK), or the appropriate standards of your country if installing overseas, in particular Videx recommends:

- Connecting the system to the mains through an all-pole circuit breaker (refer to **Fig.9**) which shall have contact separation of at least 3mm in each pole and shall disconnect all poles simultaneously.
- That the all-pole circuit breaker shall be placed in such a way to allow for easy access and the switch shall remain readily operable.
- Ensuring that the mains supply (Voltage, Frequency and Phase) complies with the product rating label (this is usually located on the topside of the power supply).
- Isolating the mains before carrying out any maintenance work on the system.

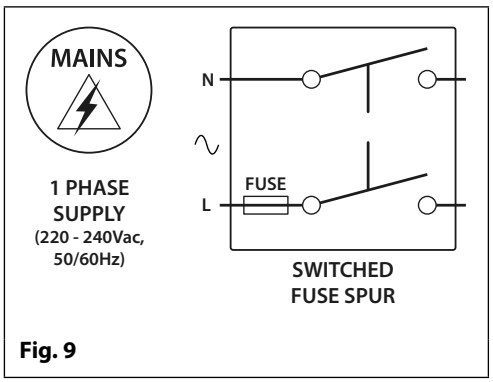


Fig. 9

Programming the GSM Intercom

PROGRAMMING BY TEXT MESSAGE

The full list of SMS commands and examples can be found in the main technical manual by scanning the **QR code** on page 2.

IMPORTANT NOTE: When you are required to use " in a text message it is important to use the correct symbol and not for example ' or two ' single apostrophes side by side which may look the same, but will be interpreted differently by the GSM intercom.

SMS texts should be sent in the following format shown below to the SIM phone number in the GSM intercom:

< 4 DIGIT CODE > < 3 DIGIT FUNCTION CODE > < OPTIONAL DATA > < OPTIONAL ? >

4 DIGIT CODE This code prevents unauthorised access to the programmable features of the system. The code must be 4 digits long, but can be any combination using digits 0 – 9. The default code is "**1111**" and is used in all examples below.

3 DIGIT FUNCTION CODE The 3 digit function or command code identifies the programmable feature to be changed. The code must be in capital letters. The following table lists the available codes.

DESCRIPTION	CODE	EXAMPLE	SETTINGS	DEFAULT
Store a primary telephone no.	**STN**	1111STNnnn"01912243174"	nnn = 001 - 024	n/a
Store divert 1 telephone no.	**STD**	1111STDnnn"01912241559"	nnn = 001 - 024	n/a
Store divert 2 telephone no.	**STE**	1111STEnnn"01912243678"	nnn = 001 - 024	n/a
Store divert 3 telephone no.	**STF**	1111STFnnn"01912245326"	nnn = 001 - 024	n/a
Store a primary telephone no. and divert no's in a single text message	**STN**	1111STNnnn"pn","d1","d2","d3" 1111STNnnn"01912243174", "01912241559","01912243678", "01912245326"	nnn = 001 - 024 pn = primary no. d1 = divert 1 no. d2 = divert 2 no. d3 = divert 3 no.	n/a
Store a dial to open no. (DTO) **or** Store up to 5 dial to open no's (DTO) in a single text message to the next available locations	**STR**	1111STRnnn"07771234567" 1111STR"n1","n2","n3","n4","n5" 1111STR"01912243174", "01912241559","01912243678", "01912245326","07897123456"	nnn = 000 - 999 **or** nnn = optional n1 = 1st DTO n2 = 2nd DTO n3 = 3rd DTO n4 = 4th DTO n5 = 5th DTO	n/a
Set call time	**SPT**	1111SPTnn	nn = 01 - 12	02 *(40s)*
Set relay time	**RLT**	1111RLTnn	nn = 00 - 99	05 *(5s)*
Set auxiliary AO output time	**A1T**	1111A1Tnn	nn = 00 - 99	05 *(5s)*
Divert to next no. time	**DIT**	1111DITnn	nn = 01 - 99	15 *(15s)*

⚠ **IMPORTANT: THE FOLLOWING CODES ARE ONLY APPLICABLE IF A WIEGAND PROXIMITY READER, ART.VR4KPPM, HAS BEEN CONNECTED TO THE GSM MODULE VIA THE PROXIMITY HARNESS CONNECTION CN5. FURTHER DETAILS ON THIS CAN BE FOUND IN THE FULL TECHNICAL MANUAL BY SCANNING THE QR CODE ON PAGE 2.**

Enable proximity	**EPR**	1111EPRnn?	nn = 00 or 01	00
Store a fob/card in a known location **or** the next free location (using site code & user code **or** card ID)	**FOB**	1111FOBnnn"sc","uc"? **or** 1111FOBnnn"0","uc"? **or** 1111FOBnnn"cid"?	nnn = 000 - 999, sc = site code, uc = user code, cid = card ID. nnn is optional, if omitted will find next free location.	n/a
Find a fob/card (using user code **or** card ID)	**FDF**	1111FDF"uc"? **or** 1111FDF"cid"?	uc = user code, cid = card ID	n/a
Delete a fob/card (using user code **or** card ID)	**DEF**	1111DEF "uc"? **or** 1111DEF"cid"?	uc = user code, cid = card ID	n/a

OPTIONAL DATA The optional data will vary depending on the command used. It may be a telephone number, a time setting or may not be used at all.

OPTIONAL ? Most of the commands support the **?** feature. When this is added to the end of the text message, a confirmation text message will be sent back to the sender indicating the new data has been received and stored.

THE GSM SMS WIZARD MOBILE APP IS AVAILABLE FOR PROGRAMMING THE GSM BY SCANNING THE APPROPRIATE QR CODE SHOWN.

ANDROID **iOS**

Quick Setup for a 1 button GSM Audiokit

QUICK SETUP STEPS

For a basic 1 button GSM kit setup after the kit has been installed (all wiring complete, a registered SIM inserted, the power switched **ON** and GSM initialised) the following SMS messages can be sent to the GSM module (using the default **"1111"** programming code).

① **1111STN001"yyyyyyyyyyy"?** (store primary tel/mobile number **yyyyyyyyyyy** for button 1).

OTHER OPTIONAL PROGRAMMING

Storing dial to open Numbers (DTO):

② **1111STR"yyyyyyyyyyy"?** (store DTO tel/mobile number **yyyyyyyyyyy** in first available location).

Repeat this step to store additional DTO numbers.

⚠ **IMPORTANT: THE FOLLOWING CODES ARE ONLY APPLICABLE IF A WIEGAND PROXIMITY READER, ART.VR4KPPM, HAS BEEN CONNECTED TO THE GSM MODULE VIA THE PROXIMITY HARNESS CONNECTION CN5. FURTHER DETAILS ON THIS CAN BE FOUND IN THE FULL TECHNICAL MANUAL BY SCANNING THE QR CODE ON PAGE 2.**

Storing proximity fobs/cards (for a wiegand proximity reader, Art.VR4KPPM):

First enable the proximity reader.

③ **1111EPR01?** (enable proximity reader).

④ **1111FOB"sc","uc"? or 1111FOB"0","uc"? or 1111FOB"cid"?** (store a fob/card in first available location, where **sc** = 3 digit site code, **uc** = 5 digit user code and **cid** = card ID printed on the fob/card).

Repeat this step to store additional proximity fobs/cards if required.

User Commands

USER COMMAND TABLES

The following user command table shows the user commands that can be carried out during a call.

FUNCTION	1st KEY TO PRESS	2nd KEY TO PRESS
Latch the relay (unlatch by pressing 3)	1	0
Release the door or gate	3	n/a
Activate auxiliary output AO	6	n/a
Adjust door speech volume (GSM speaker)	4	0 - 9 (0 = lowest, 9 = highest)
Adjust phone speech volume (GSM mic)	7	0 - 9 (0 = lowest, 9 = highest)

The next user command table shows the SMS text messages that can be sent to the GSM intercom while in standby (using the default **"1111"** programming code).

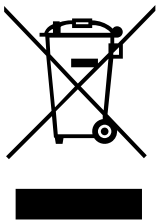
FUNCTION	MESSAGE TO SEND
Check the signal strength	**1111SIG?**
Check network type & connection	**1111CON?**
Release the door/gate	**1111RLY?** (? optional, send if confirmation is required).
Latch the relay	**1111RLA?** (? optional, send if confirmation is required).
Unlatch the relay	**1111RUL?** (? optional, send if confirmation is required).
Activate auxiliary output AO	**1111A1O?** (? optional, send if confirmation is required).
Latch auxiliary output AO	**1111A1L?** (? optional, send if confirmation is required).
Unlatch auxiliary output AO	**1111A1U?** (? optional, send if confirmation is required).
Check Intercom Time and Date	**1111CLK?**
Check GSM relay status	**1111RLS?**
Check auxiliary output AO status	**1111A1S?**
Find a Dial to Open (DTO) no. (000 - 999)	**1111FDT"yyyyyyyyyyy"?** (where **yyyyyyyyyyy** = phone number, min. 4 digits).
Delete a Dial to Open (DTO) no.	**1111DET"yyyyyyyyyyy"?** (where **yyyyyyyyyyy** = phone number, full no. required).

The following user commands are only applicable if a wiegand proximity reader, **Art.VR4KPPM**, has been connected to the GSM module via the proximity harness connection **CN5** and enabled.

Find a Fob or Card location (000 - 999)	**1111FDF"uc"? or 1111FDF"cid"?** (where **uc** = 5 digit user code and **cid** = card ID printed on the fob/card).
Delete a Fob or Card	**1111DEF"uc"? or 1111DEF"cid"?** (where **uc** = 5 digit user code and **cid** = card ID printed on the fob/card).

Further programming commands can be found in the full technical manual by scanning the **QR code** on page 2.

Notes



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 UK CA

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 الأوروبيَّة (EMC/٢٠١٤/٣٠) EU)؛ (LVD/٢٠١٤/٣٥) EU)؛ EU/٢٠١١/٦٥ ــ (RoHS): علامة المطابقة للمواصفات الأوروبيَّة CE ٩٣/٦٨/EEC.

Il prodotto è marchiato CE a dimostrazione della sua conformità e può essere distribuito liberamente all'interno dei paesi membri dell'Unione Europea UE.
Questo prodotto è conforme alle direttive Europee: 2014/30/UE (EMC); 2014/35/UE (LVD); 2011/65/UE (RoHS): marcatura CE 93/68/EEC.

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.

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