Installation and use instructions and warnings

Istruzioni ed avvertenze per l'installazione e l'uso

Instructions et avertissements pour l'installation et l'utilisation

Anweisungen und Hinweise für die Installation und die Bedienung

Instrucciones y advertencias para la instalación y el uso

Instrukcje i ostrzeżenia związane z instalowaniem i użytkowaniem

Aanwijzingen en aanbevelingen voor installering en gebruik

Nice

NiceOne

Receiver

OX4T

Europe: CE 0682

ENGLISH

WARNINGS

WORKING IN SAFETY!

CAUTION! – *For personal safety it is important to observe these instructions.*

CAUTION! – *Warning - Important safety instructions: keep these instructions in a safe place.*

CAUTION! – *All product installation, connection, programming and maintenance operations must be performed exclusively by a qualified and skilled technician.*

Observe the following warnings:

- **Never make any modifications to part of the product other than those specified in this manual. Unauthorised operations can be the source of hazards and malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to the product.**
- For cleaning the product surfaces, use a slightly damp (not wet) cloth. **Important** – Never use substances containing alcohol, benzene, diluents or other flammable substances. Use of such substances could damage the product.
- Keep this manual in a safe place to enable future product maintenance and programming operations.
- The product packaging material must be disposed of in full observance of current local legislation governing waste disposal.

1 – PRODUCT DESCRIPTION AND INTENDED USE

The **OX4T** receiver is part of the NiceOpera System produced by Nice. It is designed for use in systems for the automation of gates, garage doors, road barriers, sun awnings, shutters, skylights, and for the control of lights and electrical circuits in general.

Any other use is to be considered improper and is strictly prohibited! The manufacturer declines all liability for damage resulting from improper use of the product and other than as specified in this manual.

2 – PRODUCT SPECIFICATIONS

- 4 relays with normally open (NO) and normally closed (NC) electrical contacts for use with electric power circuits.
- With 3 dip switches: 2 for Timer programming and 1 for future use.
- 14 functions for association with output relays.
- Memory capacity for storage of up to 1024 transmitters.
- Compatible with radio encoding "**O-Code**" / "**FloR**" / "**TTS**", or "**Smilo**", or "**Flo**".
- Integration of a transmitter enables re-transmission of the received command to a second receiver (*"Repeater" function*), thus expanding the operating range of the receiver-transmitter system.
- Possibility of connection via radio to the Obox programming

unit by means of the built-in transmitter, or via cable to the Oview programming unit. These devices facilitate programming, management of memorised codes, diagnostics and other operations.

– Assigned personal ID number, known as "**Certificate**", as stated on the sealed card supplied in the pack. The certificate enables access to many operations such as memorisation of new transmitters without the need for direct intervention on the receiver. **Caution!** – *Keep the certificate in a safe place to prevent use by unauthorised persons and "wireless" access to data stored in the receiver, unless the latter has additional protection such as a programmed security password.*

What is "NiceOpera"?

Nice Opera is a system comprising various devices normally used in systems for the automation of gates, garage doors, and road barriers with mobile arms, designed to communicate and exchange data via radio, via "O-Code" encoding, and via cable by means of the protocol "BusT4", with full integration of the two systems.
The devices in "NiceOpera" are:

- ***transmitters in the NiceOne series;***
- ***receivers in the NiceOne series;***
- ***gearmotors with "BusT4" type control unit.***

There are also other supplementary software and hardware devices in addition to the above:

- ***O-Box programming unit with dedicated software, for transmitters and receivers;***
- ***Oview programming unit, for control units and receivers. Oview can also be used in conjunction with:***
  – a **Bluetooth®** ***module and dedicated software, for data communication between Oview and a Personal computer (or palmtop);***

– a GSM® *module and dedicated software, for data communication via Internet between Oview and a Personal computer (or palmtop).*
The Gsm® *module also enables the use of a smartphone and standard mobile phone: these can be used to send a command to an automation by means of a call or text message; also, the smartphone, equipped with the Windows® Mobile operating system enables use of the software "Oview software suite".*

3 – PRODUCT INSTALLATION

EN

01. Remove the top cover of the receiver (**fig. 1**).
02. In the zones marked accordingly, drill the holes used to route the cables and for wall-mounting of the receiver. **Caution! – Take suitable precautions to guarantee the IP protection rating required for the type of installation. In particular, fit cable clamps (not supplied) to guarantee protection of the power cables and control cables against possible traction or torsion.**
03. Fix the receiver housing to the wall (**fig. 2**). **Caution! – The receiver must be positioned so that the cables enter the housing exclusively from the bottom.**

4 – ELECTRICAL CONNECTIONS

Fig. 3 shows the terminals and sockets used for connections:
– (**A**) for electrical power mains connection;
– (**B**) for aerial connection;
– (**C and D**) for connection of the contacts of the 4 relays;
– (**E**) for Obox connection;
– (**F**) for connection of Oview and the "BusT4" cable.

Each relay is fitted with 1 common contact (C), 1 normally open (NO) contact in standby status and 1 normally closed (NC) contact in standby status: these are all voltage-free contacts.
The contacts of the 4 relays have double insulation with respect to the receiver circuit, as well as between the pair of relays 1 and 2 and the pair of relays 3 and 4.
The double insulation enables the optional use of the contacts in very low voltage circuits or mains voltage circuits with the following options:
– use of **all** contacts in mains voltage electric circuits;
– use of **all** contacts in very low voltage electric circuits;

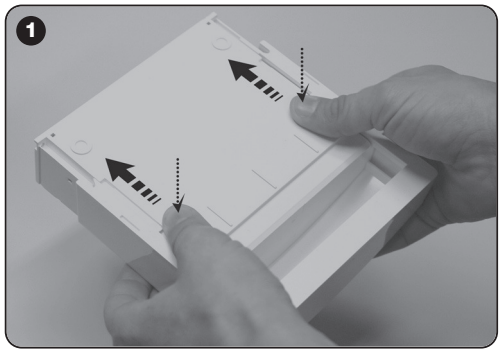
– use of relays **1** and **2** (or **3** and **4**) in mains voltage electric circuits and relays **3** and **4** (or **1** and **2**) in very low voltage electric circuits.

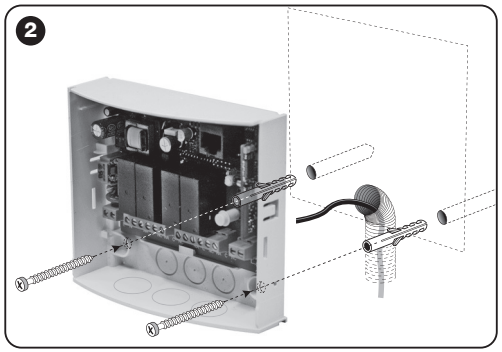
Relay wiring diagrams

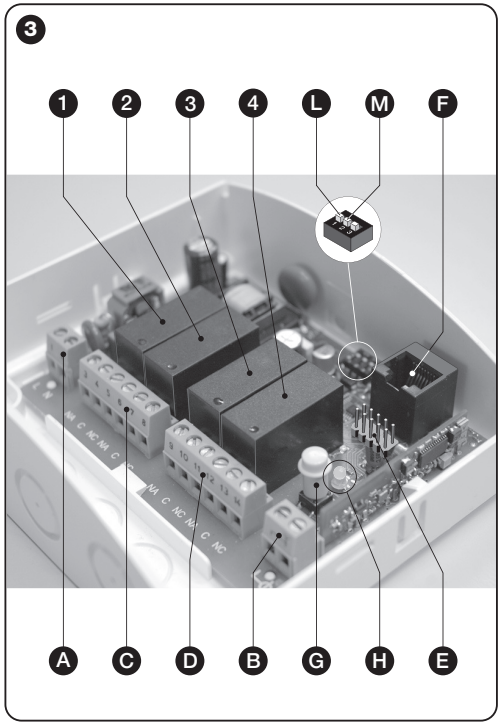
Fig. 4 shows the diagram for connection of the relays to a general electric circuit (motor, lamp etc.) with power from the mains.
Fig. 5 shows the diagram for connection of the relays to a bi-directional motor (awnings, Venetian blinds etc.).

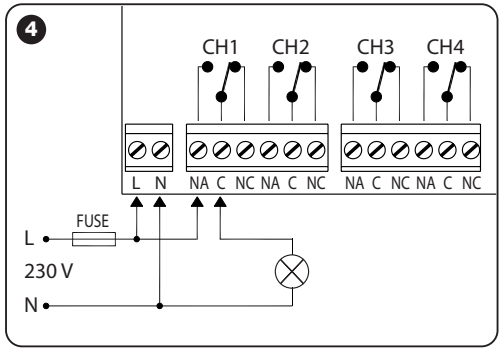
Warnings for aerial connection

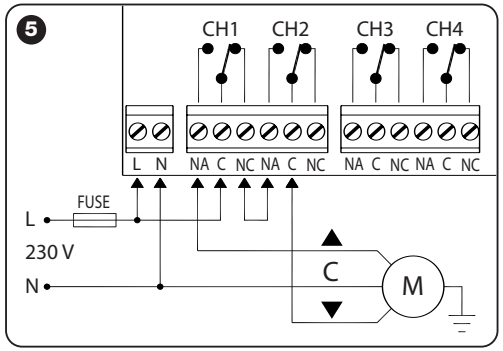
- *When connecting the aerial supplied, leave the wire at the length supplied and lay straight to avoid excessive bending.*
- *If the receiver is not in a good position and the radio signal is weak, replace the aerial supplied with an external version to improve reception (mod. ABF or ABFKIT). The new aerial must be positioned as high as possible above any metal or reinforced concrete structures present in the area.*






3
1
2
3
4
L
M
F
A
C
D
B
G
H
E


4
CH1
CH2
CH3
CH4
L N NA C NC NA C NC NA C NC NA C NC
FUSE
L
230 V
N


5
CH1
CH2
CH3
CH4
L N NA C NC NA C NC NA C NC NA C NC
FUSE
L
230 V
N
C
M

EN

5 – PROGRAMMING

Warnings:
*Some programming functions in this chapter use the key **P1** and led **L1** (**fig. 3-G/H**) of the receiver.*
*During programming the led emits a specific number of flashes, with a specific duration and colour (green, red or orange) to indicate the current operating status. For the meaning of these signals, consult **Table B** at the end of the manual.*
Other functions can be programmed exclusively using the devices Obox or Oview belonging to the NiceOpera system.

5.1 - MEMORISATION OF TRANSMITTERS

The receiver can memorise up to 1024 transmitters. Compatible with radio encoding "**O-Code**" / "**FloR**" / "**TTS**", or "**Smilo**", or "**Flo**".
Caution! – these three encoding groups are not compatible with one another; therefore the first transmitter memorised in the transmitter also defines the encoding family for all the subsequent transmitters.
To verify whether transmitters are already memorised on the receiver and the relative encoding group, disconnect the receiver from the power supply, switch on again and count the number of **green** flashes, emitted by led L1:

1 flash = **Flo** encoding
2 flashes = **O-Code** / **FloR** / **TTS** encoding
3 flashes = **Smilo** encoding
5 flashes = no transmitter memorised

The transmitters can be memorised using one of the following procedures:

• **Procedure Mode I**: programs **all keys**(*) of the transmitter once only, associating each key to a relay, according to the following scheme: key **1** = relay **1** / key **2** = relay **2** / key **3** = relay **3** / key **4** = relay **4**.
"Mode I" programs each key to operate in "hold-to-run" mode on the respective relay.

*(*) **Note** – If the transmitter has several codes, – such as the models ON9, WM009C etc. with the keyboard divided into groups of keys with each group associated with a specific code, as if these were separate transmitters – the "Mode I" procedure only memorises the keys belonging to a specific group; the procedure must be repeated for each group.*

• **Procedure Mode II**: programs **a single key** of the transmitter associating it with the required function, from those present in **Table A**.

Memorising a transmitter in "Mode I"

01. Press and hold **P1** on the receiver until the green Led **L1** illuminates (after approx. 4 seconds) and then release;
02. Within 10 seconds, press and hold any transmitter key to be memorised, until the green led L1 on the receiver emits the first of 3 flashes to confirm memorisation.

When these flashes are completed, to memorise another transmitter in "Mode I", press any key on the new transmitter within 10 seconds.

Memorising a transmitter in "Mode II"

01. In **Table A** select the function to be programmed *(e.g. "Function 8")*;
02. On the receiver, press **P1** the same number of times as

the number identifying the selected function *(in our example, 8 times)*. On completion, the green Led **L1** emits the number of short flashes, equal to the number of presses on the key *(in our example, 8 short flashes)*;

03. Within 10 seconds, press and hold any transmitter key to be memorised, until the green led L1 on the receiver emits the first of 3 flashes to confirm memorisation.

When these flashes are completed, to memorise a new key with the same function (also on another transmitter) press this new key within 10 seconds.

Table A – Association of functions with a transmitter key

Function 1: activates **relay 1** in hold-to-run mode;
Function 2: activates **relay 2** in hold-to-run mode;
Function 3: activates **relay 3** in hold-to-run mode;
Function 4: activates **relay 4** in hold-to-run mode;
Function 5: activates **relay 1** in On/Off mode;
Function 6: activates **relay 2** in On/Off mode;
Function 7: activates **relay 3** in On/Off mode;
Function 8: activates **relay 4** in On/Off mode;
Function 9 *(note 1)*: activates **relay 1** and **2** for bi-directional motor control (shutters or sun awnings)
Function 10 *(note 1)*: activates **relay 3** and **4** for bi-directional motor control (shutters or sun awnings)
Function 11 *(note 2)*: activates **relay 1** for time interval set in “Timer 1”
Function 12 *(note 2)*: activates **relay 3** for time interval set in “Timer 2”
Function 13 *(note 1)*: activates **relay 1** and **2** for bi-directional motor control (Venetian blinds)
Function 14 *(note 1)*: activates **relay 3** and **4** for bi-directional motor control (Venetian blinds)

***Note 1* (Functions 9, 10, 13, 14)**
*To memorise this function, press any key on the transmitter. In this way the receiver memorises transmitter keys 1, 2, 3, (4) simultaneously, configuring them with the following commands: Key **1** = **UP** / Key **2** = **STOP** / Key **3** = **DOWN** / (Key **4** = **STOP**).*
*To control a motor in both directions, the relays must be connected as shown in **fig. 5.***

- ***For Function 9 and 10**: using the receiver, each time a command is sent the relays are activated for the interval set on the timer: Timer 1 for relays 1 and 2; Timer 2 for relays 3 and 4 (to program the timers, see chapter 5.3).*
- ***For Function 13 and 14**: using the receiver, each time a command is sent, the relays remain active while the hold-to-run key is pressed. However, if the command lasts for more than 3 seconds, the relays remain active for the time set on the timer: Timer 1 for relays 1 and 2; Timer 2 for relays 3 and 4 (to program the timers, see chapter 5.3).*

***Note 2* (Functions 11, 12)**
Using the receiver, each time a command is sent the relays are activated for the interval set on the corresponding timer (to program the timers, see chapter 5.3). Before the time elapses, simply send a new command to restart the timer. On the oth-

er hand, to interrupt the timer before the interval elapses, send a new command, pressing the key for at least 3 seconds.

When using the receiver, if a relay receives several commands consecutively – for example from two keys memorised on the same relay but with different functions – the receiver executes the last command sent in chronological order.

5.2 - MEMORISING A NEW TRANSMITTER USING THE PROCEDURE "IN THE VICINITY OF THE RECEIVER"

[requires a transmitter already memorised]
A NEW transmitter can be memorised in the receiver memory without acting directly on key of the receiver, but by simply working within its reception range. To use this procedure, an OLD transmitter, previously memorised (in "Mode I" or in "Mode II") and operative, is required. The procedure enables the NEW transmitter to be memorised with the same settings as the OLD version. ***Note*** – *If using NiceOne transmitters as alternative in this procedure, memorisation may be performed using the "Enable Code" (refer to transmitter instruction manual).*

Procedure warnings

- ***The procedure must be performed within the reception range of the receiver (maximum 10-20 m from receiver).***
- ***If the OLD transmitter is memorised in "Mode I" during the procedure press any key either on the Old or New transmitter; on the other hand, if the OLD transmitter is memorised in "Mode II", during the procedure press the required command key on the OLD transmitter and the associated key to be memorised for this command on the New transmitter.***
- ***There are two procedures: choose one as preferred.***

Standard procedure

01. On the NEW transmitter, press and hold the key *** for at least 5 seconds and then release.
02. On the OLD transmitter, press the key *** 3 times and then release.

03. On the NEW transmitter, press the same key pressed in point 01 once and then release.

Alternative procedure

01. On the NEW transmitter, press and hold the key *** for at least 3 seconds and then release.
02. On the OLD transmitter, press and hold the key *** for at least 3 seconds and then release.
03. On the NEW transmitter, press the same key pressed in point 01 for at least 3 seconds and then release.
04. On the OLD transmitter, press the same key pressed in point 02 for at least 3 seconds.

5.3 - PROGRAMMING A TIMER

"Timer 1" and "Timer 2" represent the time in which the relays remain active:

– **Timer 1** used for relay 1. This timer corresponds to the work time of relays 1 and 2, when programmed with Function 9, 11 or 13.

– **Timer 2** used for relay 3. This timer corresponds to the work time of relays 3 and 4, when programmed with Function 10, 12 or 14.

The factory settings of the two Timers is 120 seconds. This value can be modified by means of the following "self-learning" procedure.

01. If the relay is active, deactivate with the relative command;
02. set dip switch 1 to **ON** (**fig. 3-L**) to program Timer 1 or dip switch 2 (**fig. 3-M**) for Timer 2: the led next to the dip switch illuminates to indicate activation of the programming phase;
03. according to the selected timer, activate the required relay by means of the relative key: ***the time count is then started immediately;***
04. when the required time has elapsed, press the key again to deactivate the relay. The time elapsed has been memorised and will be applied as the new timer value;
05. return the dip switch to **OFF**: the led next to the dip switch turns off and the receiver returns to normal operating status.

EN

5.4 - DELETING THE MEMORY

• Total memory deletion

To delete the entire memory of the receiver, or alternatively only the memorised transmitters, proceed as follows:

01. Press and hold the receiver key and check the sequence of the **green** Led status:
after approx. 4 seconds, the led illuminates
after approx. 4 seconds, the led turns off
after approx. 4 seconds, **the led starts flashing…**
02. Then:
– to delete all memorised transmitters, release the receiver key **on precisely the third flash** of the led;
– to delete the entire memory (including transmitter configurations and encoding family) release the key **on precisely the fifth flash** of the led.

This function can be performed also using the programming unit Obox or Oview.

• Deleting a single transmitter from the memory

To delete a single transmitter from the receiver memory, proceed as follows:

01. Press and hold the receiver key
02. After the **green** led illuminates, on the transmitter to be deleted from the memory, press and hold a key (*) until the led on the receiver emits 5 quick **green** flashes (=*deletion confirmed*). Then release the two keys.

*(*) **Note** – If the transmitter is memorised in "Mode I" press any key; if the transmitter is memorised in "Mode II" the entire procedure must be repeated for each memorised key to be deleted.*

This function can be performed also using the programming unit Obox or Oview.

6 – ADVANCED PROGRAMMING

WARNING – ***Some settings described in this chapter may only be possible if the receiver is combined with other devices in the NiceOpera System; they also require use of the programming unit Obox or Oview.***
The receiver has other functions not described in this manual that enable an increase in performance, security level and ease of automation use. For further information on the functions available, refer to the general manual "NiceOpera System Book" or the instruction manual of Obox or Oview.

• SETTING THE PASSWORD ON THE RECEIVER

[with Obox and Oview]
This function protects all programmed functions on the receiver and also deactivates the key and led function. The function is enabled by entering a ***password*** in the receiver, as selected by the installer (maximum 10 digits).
When the function is active, the password must be entered before programming or performing maintenance on the receiver.

• ENABLING (or disabling) THE RECEIVER FOR TRANSMITTER MEMORISATION

[with Obox]
This function is used to enable/disable the option on the receiver for memorisation of a transmitter by means of the procedure "*in the vicinity of the receiver*" (chapter 5, paragraph 5.2*)* and/or by means of the *"enable code*" procedure present on transmitters in the NiceOne series.

This function is useful to prevent events such as the accidental memorisation of transmitters not belonging to the system. To enable/disable this function, proceed as follows:

01. Press and hold P1 to power up the receiver and wait for Led L1 to emit first the signals as specified in chapter 5.1; then ensure that it emits 2 quick **orange** flashes *(= procedure activated)* and lastly that it indicates the colour corresponding to the current enable status. Then release the key.

02. Within 5 seconds, repeatedly press the receiver key to select one of the following functions:
- Led OFF = *No lock enabled*
- Led GREEN = *Memorisation "in the vicinity" locked*
- Led RED = *Memorisation with "enable code" locked*
- Led ORANGE = *Both memorisation modes locked ("in the vicinity" and with "enable code")*

03. Within 5 seconds, press any key of a transmitter already memorised on the receiver to save the selected function.

• ENABLING (or disabling) THE RECEIVER FOR MEMORISATION OF A TRANSMITTER USING THE RECEIVER "CERTIFICATE NUMBER"

[with Obox]
This function is used to enable/disable the option on the receiver for memorising a transmitter by means of the receiver certificate number.
For further information on the use of the certificate, refer to the instruction manual of the transmitter and the NiceOpera System Book.

• ENABLING (or disabling) UPDATES TO THE TRANSMITTER PRIORITY STATUS

[with Obox]
This function is used to enable/disable the option on the receiver for updating the *priority* level of the previously memorised transmitter in the NiceOne series to a higher level. This function is enabled by default. For further information on managing priority, refer to the instruction manual of Obox and the NiceOpera System Book.

• ENABLING (or disabling) RECEPTION OF NON-ORIGINAL TRANSMITTER "IDENTITY CODES"

[with Obox]
This function is used to enable/disable the option on the receiver to accept the command received from a transmitter with an identity code that has been modified with respect to the original factory setting. This function is enabled by default. For further information on modifying transmitter identity codes, refer to the instruction manual of Obox.

• ENABLING (or disabling) MANAGEMENT OF ROLLING CODE (RND)

[with Obox / Oview]
This function is used to enable/disable the receiver for management of the variable section *(rolling code)* of an identity code sent by a transmitter. When this function is active, the receiver treats a "rolling code" as if it were a "fixed" code, ignoring the variable section This function is disabled by default.

• ENABLING (or disabling) THE “REPEATER” FUNCTION

[with Obox]
This function is used to enable/disable the option on the receiver for repetition via radio of the command receiver, routing it to a second receiver. Using two receivers, one of which with the “Repeater” function enabled, an automation can be controlled from a greater distance to that normally covered by a normal receiver-transmitter system.
This function is only available if receivers are associated with transmitters using the “**O-code**” encoding system.
This function is disabled by default. To obtain this function, it must be enabled on both the “repeater” receiver and the required transmitters.

• ENABLING (or disabling) MANAGEMENT OF TRANSMITTER KEY RELEASE

[with Obox]
This function is used to enable/disable the option on the receiver synchronise the release of a key on a transmitter with “**O-Code**” encoding and the response of an automation to this action. Normally, when a command is sent, the manoeuvre is not stopped immediately on release of the key but after a very brief interval (pre-set). Activation of this function enables instant response of the automation on release of the key. This function is disabled by default.

• ENABLING (or disabling) COMMAND DELIVERY ON THE “T4 BUS” NETWORK

[with Oview]
This function is used to enable/disable the option on the receiver for receiving and/or sending radio codes via the BusT4 cable. On systems using this type of connection, if the automation needs to be controlled at a distance greater than that normally covered by the receiver-transmitter system, this function can be enabled on receivers (at least 2) to increase the radio transmission range; in this case the first receiver receives the command “via radio” and re-transmits it via the Bus cable to the destination receiver (which has memorised the code of the transmitter that has sent the command). This function is disabled by default.

• EXECUTING A COMMAND SENT FROM TRANSMITTERS IN THE SAME FAMILY

[with Obox]
To program transmitters with Obox, each transmitter can be inserted in one or more “families” (up to 4 groups).
When the receiver receives a command, it first checks to which the transmitter it belongs; if its family is enabled at that time, the receiver controls the outputs otherwise the command is blocked and indicated by means of an **orange** flash of the led.
The family groups are formed using Obox, while use of the groups is managed by other devices such as Oview. In particular, this can enable/disable operation of group of transmitters within specific set time bands.

DISPOSAL OF THE PRODUCT

This product constitutes an integral part of the automation system, therefore it must be disposed of along with it.
As in installation, also at the end of product lifetime, the disassembly and scrapping operations must be performed by qualified personnel.
This product is made up of different types of material, some of which can be recycled while others must be disposed of. Seek information on the recycling and disposal systems envisaged by the local regulations in your area for this product category.

Caution! – some parts of the product may contain pollutant or hazardous substances which, if disposed of into the environment, may cause serious damage to the environment or physical health.

As indicated by the symbol on the left, disposal of this product in domestic waste is strictly prohibited. Separate the waste into categories for disposal, according to the methods envisaged by current legislation in your area, or return the product to the retailer when purchasing a new version.

Caution! – Local legislation may envisage serious fines in the event of abusive disposal of this product.

EN

Table B

SIGNALS EMITTED BY THE RECEIVER LED

— **Long** flashes / GREEN —

On start-up:

1 ✳ = Code in use: “Flo”
2 ✳ = Code in use: “O-Code”/“FloR”/”TTS”
3 ✳ = Code in use: “Smilo”
5 ✳ = No remote control memorised

During operation:

1 ✳ = Indicates that the code received is not stored in the memory
1 ✳ = During programming, indicates that the code is already stored in the memory
3 ✳ = Saving code in memory
5 ✳ = Memory deleted
6 ✳ = During programming, indicates that the code is not authorised for memorisation
8 ✳ = Memory full

— **Short** flashes / GREEN —

1 ✳ = “Certificate” not valid for memorisation
2 ✳ = Code cannot be memorised as is transmitting “certificate”
3 ✳ = During programming, indicates that the code has been re-synchronised
4 ✳ = Output in “Mode II” not managed on control unit
5 ✳ = During deletion procedure, indicates that the code has been deleted
5 ✳ = “Certificate” with higher priority that the admissible value
6 ✳ = Code synchronisation failure
6 ✳ = Code cannot be memorised due to “incorrect key”

— **Long** flashes / RED —

1 ✳ = Non-original code block
2 ✳ = Code with lower priority than the authorised value

— **Short** flashes / RED —

1 ✳ = “In vicinity” programming mode block
1 ✳ = Memorisation by means of “certificate” block
2 ✳ = Memory block (PIN entry)

— **Long** flashes / ORANGE —

1 ✳ = Indicates that the code is in the memory but outside the group currently enabled

— **Short** flashes / ORANGE —

2 ✳ = Indicates activation of block programming (on start-up)

TECHNICAL SPECIFICATIONS OF THE PRODUCT

• **Power supply**:	110 ÷ 240 Vac 50/60 Hz
• **Maximum absorbed current**:	80 mA
• **Encoding**:	O-Code / TTS / FloR (rolling code); or Smilo (rolling code) or Flo.
• **Frequency**:	433.92 MHz
• **Antenna impedance**:	52 ohm
• **Sensitivity**:	more than 0,5µV for successful signal
• **Range**:	estimated at 200 m if in open space or 35 m ins8ide buildings
• **Radiated power**:	+2dBm
• **Capacity of transmitter memory**:	1024 (maximum)
• **Outputs**:	4 relays with NO and NC contacts, voltage-free
• **Contact capacity**:	5A - 250V
• **Maximum BusT4 current**:	200 mA
• **Timer times**:	programmable from 2 seconds to 540 minutes
• **Protection rating**:	IP44 (with container intact)
• **Operating temperature**:	-20 ÷ 55 °C
• **Dimensions / weight**:	128 x 112 x 43 mm / 260 g

Notes on product technical specifications:

– The operating distance between transmitters and receivers (range) is strongly influenced by other devices working in the area and at the same frequency (for example: alarm systems, radio earphones etc.). In these cases, Nice cannot provide any guarantee as regards the effective capacity of its devices.

– All technical specifications stated herein refer to an ambient temperature of 20° C (± 5° C).

– Nice reserves the right to apply modifications to the product at any time when deemed necessary, maintaining the same intended use and functionality.

EN

EC DECLARATION OF CONFORMITY

Note *– This Declaration of Conformity covers the contents of the single declarations of the individual products specified herein; it is updated as of the date of publishing this manual and has been re-edited for editorial purposes. A copy of the original declaration for each product can be requested from Nice S.p.a. (TV) I.*

The undersigned, Lauro Buoro, in the role of Managing Director, declares under his sole responsibility, that the product:

Manufacturer's name :	Nice S.p.a.
Address:	Via Pezza Alta 13, Z.I. Rustignè, 31046 Oderzo (TV) Italy
Type:	Receiver-transmitter 433,92MHz for remote control of doors, gates, shutters, awnings, roller shutters, lights and similar applications
Models:	OX4
Accessories:	

Conform with the requirements of the EC directive:

- 1999/5/EC; DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND COUNCIL of 9 March 1999 regarding radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity

  According to the following harmonised standards:
  Health protection: EN 50371:2002;
  electrical safety: EN 60950-1:2006;
  Electromagnetic compatibility: EN 301 489-1V1.6.1:2005; EN 301 489-3V1.4.1:2002
  Radio range: EN 300220-2V2.1.2:2007

- In accordance with the directive 1999/5/EC (appendix V), the product is class 1 and marked:

CE 0682

Lauro Buoro
(Managing director)