Nice OX2UBP Hardware Interface for Radio Receivers with SM Connector Instruction Manual
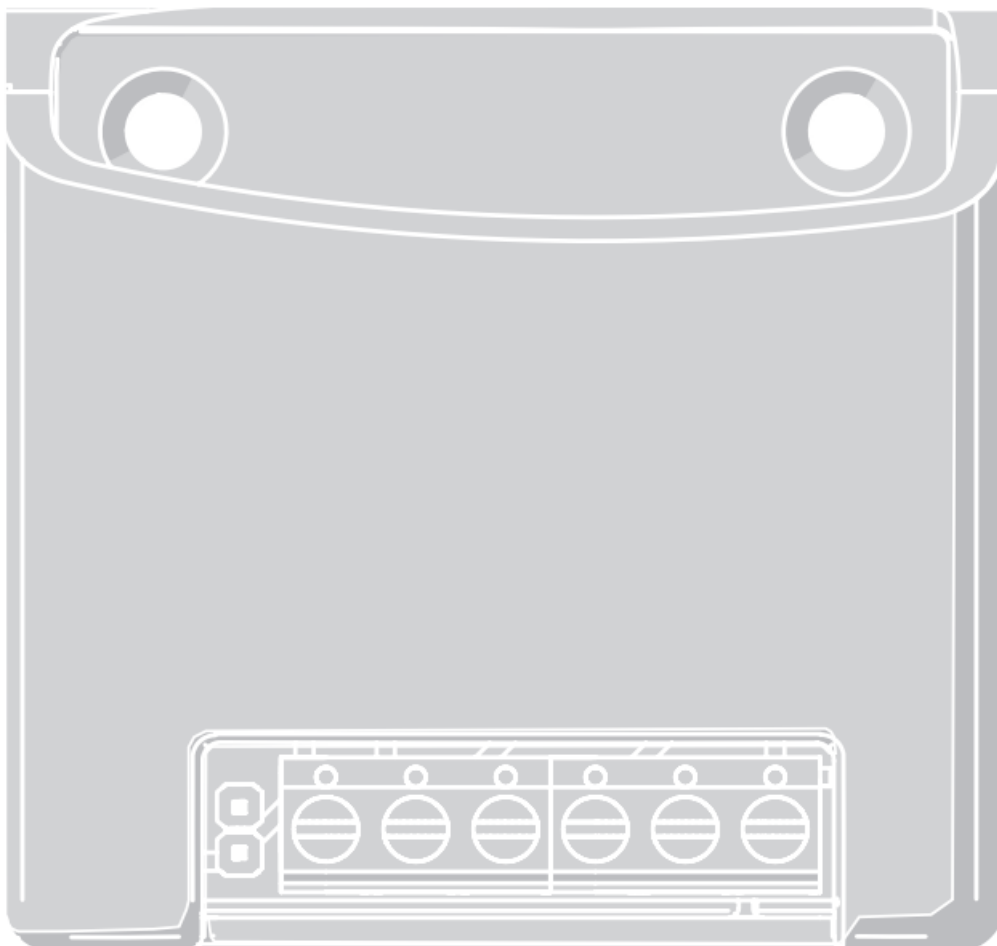
**OX2UBP Hardware Interface for Radio Receivers with SM Connector
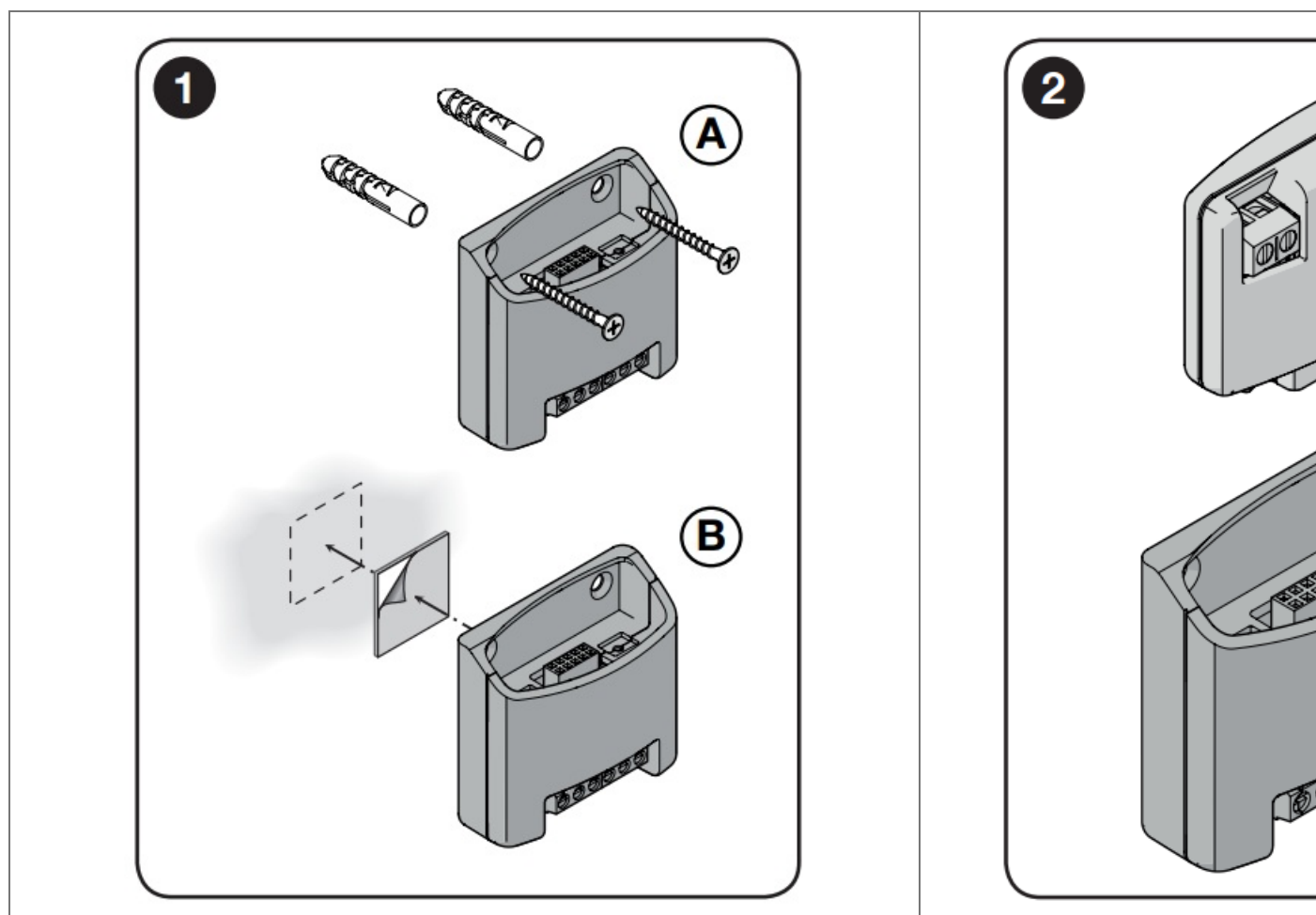Instruction Manual**

EAC

made in Italy

CE

Contents

OX2UBP Hardware Interface for Radio Receivers with SM Connector

Instructions for the fitter

3

Nice

24V 12V + − CH1 CH2

JP

4

5

E

6

NA   NC   NC

X   Y

relè 2
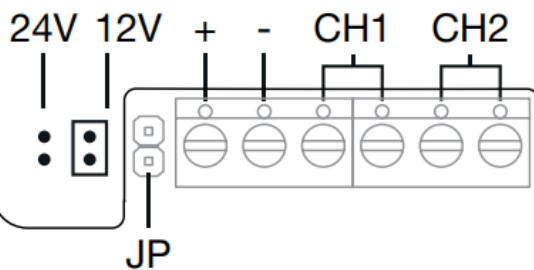
Instructions translated from Italian

WARNING

⚠️**Warning!** For personal safety it is important to observe these instructions.

⚠️**Warning!** All the installation, connection, programming and maintenance operations of the product must be carried out exclusively by a qualified and expert technician!

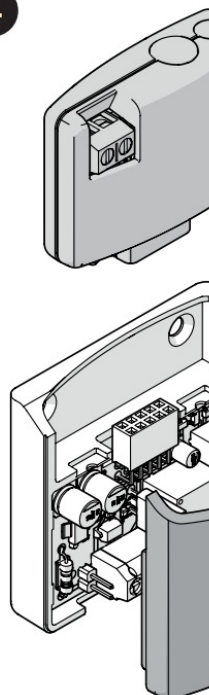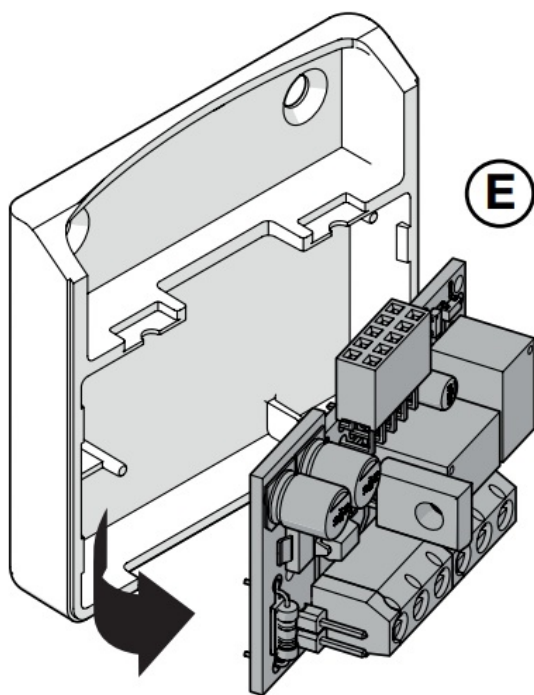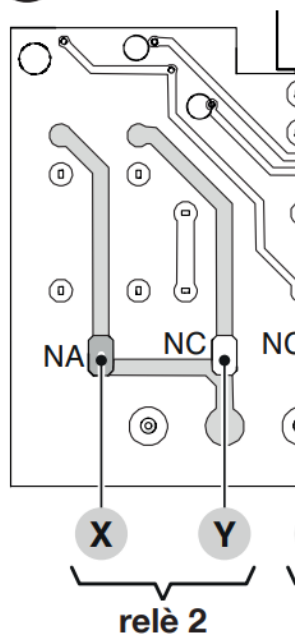**Observe the following warnings:**

- Do not modify any parts of the product other than those specified in this manual. Unauthorized operations can lead to hazards and cause malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to products.
- Make sure that the conditions in which the device will be used comply with the data specified in the "PRODUCT TECHNICAL SPECIFICATIONS" chapter.
- The product's packaging material must be disposed of in full conformity to the local regulations governing waste disposal.

PRODUCT DESCRIPTION AND INTENDED USE

OX2UBP is a hardware interface with 2 relay outputs equipped with an SM connector for radio receivers.
The relay outputs are of the "dry contact" type, therefore the device can be used with any type of control unit equipped with inputs for the opening, closing or step-by-step commands. It can be wall-mounted using the screws (A) or adhesive strip (B) Fig. 1.

INSTALLATION AND ELECTRICAL CONNECTIONS

IMPORTANT! It is necessary to have a radio receiver of the XI family (OXIR10, OXIBD, OXILR) with the relative instruction manual, to be consulted for all programming activities.

⚠️**Warning!** To control the two relays, the OX2UBP receiver only exploits the first two digital outputs (out of the four available) of the receiver. The transmitter button to be associated with the relay output must therefore be memorized in the receiver in Mode II on function 1 or 2.

Function 1	Relay control 1
Function 2	Relay control 2

⚠️ **Warning!** Before inserting or removing the receiver, disconnect the power supply.
To insert the radio receiver, perform the operation described in **Fig. 2.**
Fig. 3 shows the terminals where the following electrical connections can be made:

- (+) and () terminals for DC/AC power supply;
- CH1 relay 1 output terminal;
- CH2 relay 2 output terminals.

  The antenna slot is located on the receiver.

Selection jumper (JP)
Depending on the supply voltage, insert or remove the jumper (JP) as shown in Fig. 3.

- If inserted = 12 V
- If removed = 24 V

How to obtain "NC" contacts
The outputs control 2 relays with "NO" (normally open) contact. Should it be necessary to control relays with "NC" (normally closed) contacts, proceed as explained below:

1. Disconnect the power supply

2. Remove the XI receiver inserted (C) Fig. 4.

3. Open the plastic elements (D) as shown in Fig. 4

4. Carefully extract the board (E) and turn it so that the soldered side faces the observer Fig. 5

5. Carry out the following operations on the soldered side (Fig. 6):

   · Cut the section of the track at point "X".

   · Join the pads in point "Y" with a drop of tin.

   Note these changes can be made to one relay or both, depending on your necessities.

PRODUCT DISPOSAL

This product is made of various types of materials, some of which can be recycled while others must be scrapped. Seek information on the recycling and disposal systems envisaged in the local regulations in your area for this product category.

 Warning! Certain parts of the product can contain pollutants or dangerous substances that, if dispersed into the environment, could be detrimental to the environment itself and to human health.

 As indicated by the adjacent symbol, it is forbidden to dispose of this product together with common household waste. Separate the waste into categories for disposal, according to the methods set forth in the regulations in force in your area, or return the product to the retailer when purchasing a new equivalent product.

PRODUCT TECHNICAL SPECIFICATIONS

- Type: hardware interface with 2 independent relay outputs equipped with connectors for XI receivers
- Type of outputs: 2 x NO (convertible into NC) insulated contacts
- Power supply: 1235 VDC; 1228 VAC 50/60 Hz
- Current draw at rest: 25 mA at 24 VAC (including OXI receiver)
- Current draw with 2 relays active: 50 mA at 24 VAC (including OXI receiver)
- Capacity of output relay contacts: maximum 0.5 A and maximum 48 VAC (resistive load: cos phi = 1)
- Duration of output relay contacts: mechanical life > 1,000,000 cycles; electrical life > 200,000 cycles (resistive load: 0.25 A; 24 VDC)
- Use in acidic, saline, or potentially explosive atmosphere: no
- Assembly: inside automation or only inside adequate protective containers
- Protection rating of container: IP30 Operating temperature: 20 to +70°C
- Dimensions: 56 x 53 x 23 mm
- Weight: 33 g.

Notes:

- All technical specifications stated herein refer to an ambient temperature of 20°C (± 5°C).
- Nice S.p.A. reserves the right to make changes to the product whenever it deems necessary, without altering the intended use and functions of the product itself.

Nice

Nice S.p.A.
Via Callalta, 1
31046 Oderzo TV Italy
info@niceforyou.com
www.niceforyou.com

Documents / Resources

	Nice OX2UBP Hardware Interface for Radio Receivers with SM Connector [pdf] Instruction Manual OX2UBP Hardware Interface for Radio Receivers with SM Connector, OX2UBP, Hardware Interface for Radio Receivers with SM Connector, SM Connector, Hardware Interface for Radio Receivers, Radio Receivers, Receivers

References

- **Nice North America - Home Automation Systems**