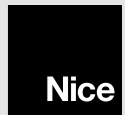


Instructions for the fitter
Instructions pour l'installateur
Instrucciones para el instalador

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www.niceforyou.com

PRODUCT DESCRIPTION AND INTENDED USE

The transmitters in this range are designed for the control of automatic door openers, gate openers and similar devices: **any other use is improper and prohibited!** For mounting the accessories, refer to Figures C-D.

The "NiceOpera" system

Era One and Era Inti range transmitters are part of the "NiceOpera" system. This system has been designed by Nice for the purpose of optimizing and facilitating the programming, operation and maintenance of the devices normally utilized in automation systems. The system comprises several devices capable of exchanging data and information via radio, using a new coding system called "O-Code/A", or through physical connection.

THE PRODUCT'S FUNCTIONS

- The transmitter adopts a transmission technology called "O-Code/A", featuring a variable code (rolling-code) which significantly improves the commands' transmission speed.
- The transmitter incorporates a "Memory", a "Proximity Receiver" and an "Enable Code" which, together, allow you to carry out, by radio control, operations and programming typical of the NiceOpera system.

TESTING THE TRANSMITTER

Before memorizing the transmitter in the automation system's Receiver, check its proper operation by pressing any key and observing whether the Led lights up (fig. A). If it does not, refer to the section entitled "Replacing the Battery" in this manual.

MEMORIZING THE TRANSMITTER

In order to use all the new functions of the transmitter, it must be associated with the Receivers with the "O-Code/A" coding system (to identify these models, refer to the Nice products catalogue).

Note – the transmitter is also compatible with all the Receivers that use the "Flo-R/A" coding system (to identify these models, refer to the Nice products catalogue); in this case, however, the typical functions of the NiceOpera System cannot be used. To memorize the transmitter in a Receiver, you can choose one of the following operating procedures:

- Memorization in "Mode I"
- Memorization in "Mode II"
- Memorization through the "Certificate Number"
- Memorization through the "Enable Code" received from a previously memorized transmitter.

The operating procedures for these memorization methods are provided in the instruction manual of the Receiver or Control Unit with which the transmitter is to be used. These manuals are also available on the internet site: www.niceforyou.com. In these manu-

als, the transmitter keys are identified by numbers. Therefore, to match these numbers with the corresponding transmitter keys, see fig. A.

A - Memorization "Mode I"

This procedure allows you to memorize all the transmitter keys, at once, in the receiver. The keys are automatically associated to each control managed by the Control Unit according to a factory-set sequence.

B - Memorization "Mode II"

This procedure enables the memorization of a single transmitter key in the receiver. In this case, the user will select from among the commands managed by the Control Unit (4 or 15 depending on the control unit) the one he wishes to associate to the key that is being memorized. **Note** – the procedure must be repeated for each single key that must be memorized.

C - Memorization using the "CERTIFICATE number" [with O-Box programming unit]

This procedure is designed specifically for the devices belonging to the NiceOpera system, with "O-Code/A" coding system. Each Receiver in this system is associated to a designated number, called "CERTIFICATE", that identifies and certifies it. The use of this "certificate" has the advantage of simplifying the transmitter memorization procedure in the Receiver, since the installer is no longer obliged to operate within the reception range of the Receiver. Indeed, the procedure allows you, with the help of the "O-Box" programming unit, to program the transmitter for memorization even from a remote location, away from the installation site (at the installer's own premises, for instance - fig. E).

D - Memorization using the "ENABLE Code" [between two transmitters]

This procedure is designed specifically for the devices belonging to the NiceOpera system, with "O-Code/A" coding system. The transmitters with this coding system have a secret code called "ENABLE CODE". This "Enable", once it has been transferred from an old transmitter (previously memorized) to a new compatible transmitter (fig. F) enables the latter to be recognized and automatically memorized by a Receiver. The transfer can also be made between transmitters of different families (eg. between Era One and Era Inti). The procedure is as follows:

01. Hold two transmitters together so they are touching, a "NEW" one to be memorized and an "OLD", previously memorized, one (fig. F). **02.** Press any key on the NEW transmitter and hold it down until the Led of the OLD transmitter lights up. Then release the key (the Led of the OLD transmitter will start blinking). **03.** Next, press any key on the OLD transmitter and hold it down until the Led of the NEW transmitter lights up. Then release the key (the Led will go off, indicating the end of the procedure and the successful transfer of the "Enable Code" in the NEW transmitter).

Error signals via Leds

4 flashes = transfer of "Enable code" disabled.

6 flashes = transfer of "Enable code" disabled between different transmitters.

10 flashes = communication error between devices.

15 flashes = memorisation failed due to time limit exceeded.

The first 20 times that the transmitter is used, it will transmit this "Enable Code" to the Receiver along with the command. Once it has recognized the "Enable" signal, the Receiver will automatically memorize the identity code of the transmitter that has transmitted it.

REPLACING THE BATTERY

When the battery runs down the range of the transmitter is significantly reduced. When pressing any key you will find that the Led takes a while to light up (= battery almost exhausted) and that the brightness of the Led is dimmed (= battery completely exhausted).

In these cases, in order to restore the normal operation of the transmitter, you need to replace the exhausted battery with a new one of the same type, observing the polarity shown in fig. B.

Battery disposal

Warning! – Exhausted batteries contain polluting substances; therefore they may not be disposed of together with unsorted household waste. They must be disposed of separately according to the regulations locally in force.

PRODUCT DISPOSAL

This product constitutes an integral part of the automation system it controls, therefore it must be disposed of along with it.

As for the installation, the disposal operations at the end of the product's effective life 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 scrapped. Seek information on the recycling and disposal methods envisaged by the local regulations in your area for this product category. **Warning!** – Some parts of the product may contain polluting or hazardous substances that, if incorrectly disposed of, could have a damaging effect on the environment or on the health of individuals.

As the symbol on the left indicates, this product may not be disposed of with the usual household waste. It must be disposed of separately in compliance with the regulations locally in force, or returned to the seller when purchasing a new, equivalent product. **Warning!** – Heavy fines may be imposed by local laws for the illegal disposal of this product.

TECHNICAL CHARACTERISTICS OF THE PRODUCT

Common features

■ **Power supply:** 3Vdc, CR2032 type lithium battery ■ **Estimated battery life:** 2 years, with 10 transmissions

a day ■ **Frequency(*):** 433.92 MHz (± 100 kHz) ■ **Radio coding:** rolling code, 72 bit, O-Code/A (Flo-R/A compatible) ■ **Operating temperature:** -20°C; +55°C ■ **Estimated range(*):** 200 m (outside); 35 m (inside buildings) ■ **Protection class:** IP 40 (for household use or in protected environments)

ON2E/A, ON4E/A:

■ **Dimensions:** 45 x 56 x 11mm ■ **Weight:** 18 g.

INTI2/A, INTI2Y/A, INTI2L/A, INTI2B/A, INTI2R/A, INTI2G/A:

■ **Dimensions:** 30 x 56 x 9 mm ■ **Weight:** 15 g.

Notes: • (*) The range of the transmitters and the reception capacity of the Receivers are greatly affected by the presence of other devices (such as alarms, radio headsets, etc.) operating in your area at the same frequency. In these cases, Nice cannot offer any warranty regarding the actual range of its devices. • All the technical characteristics specified above refer to an ambient temperature of 20°C (± 5°C). • Nice S.p.a. reserves the right to make modifications to the product at any time without prior notice, while maintaining the same functionality and intended use.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications made to this device without the express permission of the manufacturer may void the user's authority to operate this device.

