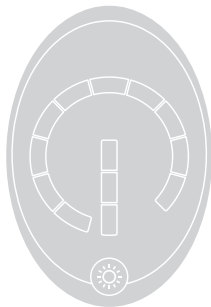


# DS100

CE 0682



## Clavier à code radio

**FR** - Instructions et avertissements pour l'installation et l'utilisation

**EN** - Instructions and warnings for installation and use

**IT** - Istruzioni ed avvertenze per l'installazione e l'uso

**PL** - Instrukcje i ostrzeżenia do instalacji i użytkowania

**PUK CODE**

Your  
Smart  
**Nice Home**

# 1 WARNINGS

- Before proceeding with the installation, make sure the product is suitable for its intended use. Pay special attention to the data provided in the “Technical Characteristics” chapter. Nice disclaims liability for any damage resulting from uses of the product other than those described in this manual.
- Protect the product’s internal components from contact with water and other polluting substances. Keep it away from heat sources and do not expose it to open flames. If any of these conditions occur, stop using it immediately and call Nice customer service.
- Disconnect the power supply before proceeding with the installation operations.
- The packaging materials must be disposed of in compliance with the regulations locally in force.
- Specific warnings regarding the intended application of this product in relation to the “R&TTE” “1999/5/CE directive”.
  - This product complies with the essential requisites specified by section 3 of the “R&TTE” Directive regarding the use for which the product is destined for in this instructions manual; the use of this product for purposes other than those for which it was intended is prohibited.
  - The usable radio frequency range is subject to national legislation; the countries in which this product can be used are; all countries within the European Community and Switzerland.
  - Those responsible for installation should verify if the use of the products frequency is permitted, if the country in which the product is to be used is not mentioned in the point above.

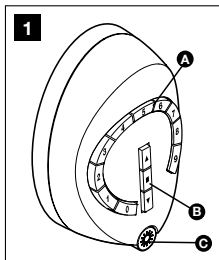
## 2 PRODUCT DESCRIPTION AND APPLICATIONS

The DS100 digital selector (**fig. 1**) is a radio transmitter that, after having typed in the correct secret combination, permits the remote control of corresponding radio receivers or gate or tubular motor control units and can only be used for Nice Home automation systems.

The combination is typed in by means of the 10 buttons (**A-fig.1**) (from 0 to 9), while the 3 buttons (**B-fig.1**) are used to send the 3 types of commands to a similar automation or to control up to 3 different automations or receivers.

Another button (**C-fig.1**) is used when there is little light, which lights the buttons so that the combination can be easily introduced.

A series of rapid Beeps confirms that the command has been sent during transmission.



## 3 INSTALLATION

Ideally a test should be made to ascertain the functioning and effective range before actually fixing the DS100.

**CAUTION: The place in which the DS100 is to be fixed should also be carefully considered.**

**In addition to the distance from the receiver, avoid positioning it close to, or even worse, on metal structures that could create a shield.**

**Place the DS100 digital selector on the wall to which it is to be fixed and perform a transmission to ensure that the receiver receives the**

command that has been sent.

**Also take into consideration that when the batteries are flat the range can be reduced by 25÷30 %.**

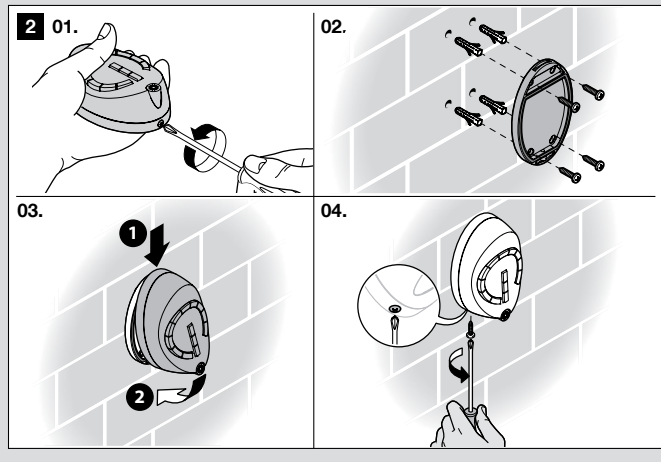
Once the functioning has been assured, fix the DS100 at a suitable height as follows (**fig. 2**):

**01.** Unscrew the retaining screw

**02.** Remove the base of the digital selector and screw it to the wall

**03.** Connect the digital selector to the support fixed to the wall, hooking it to the upper part of the support

**04.** Fix the selector to the support with the retaining screw



## 4 DS100 REMOTE MEMORISATION




If another remote control has already been memorised on a control unit, radio receiver or tubular motor, the DS100 digital selector can be memorised as described below. Whereas, if a transmitter has still to be memorised, the instructions related to the product to be commanded must be consulted to perform the “memorisation of the first transmitter”; consult the site [www.niceforyou.com](http://www.niceforyou.com) if the original instructions of the product are not available.

The memorisation procedure may change depending on the product, therefore the original instructions should be referred to.

Avec cette procédure, un **NOUVEL** émetteur est mémorisé, en utilisant un second émetteur (ANCIEN) déjà mémorisé et fonctionnant, sans utiliser les touches de la logique de commande mais seulement en se plaçant près de cette dernière.

Pendant la procédure, le **NOUVEL** émetteur est mémorisé comme était mémorisé l'émetteur ANCIEN (Mode 1 ou Mode 2).

Perform the following steps with the digital **OLD** transmitter and selector DS100 placed close to the control unit, receiver radio or tubular motor:

Remote memorisation	Example
<b>01.</b> Type in the secret combination (factory setting: “11”) on the DS100 digital selector, then push a transmission button for at least 5” and then release	
<b>02.</b> Slowly push the button on the <b>OLD</b> transmitter 3 times	
<b>03.</b> Type in the secret combination on the DS100 digital selector, then slowly push a transmission button once (the same that was used in step 01), then release it	

At this point the DS100 digital selector is recognised by the control unit, receiver radio or tubular motor and will take on the same characteristics as the **OLD** transmitter.

## 5 USAGE

The DS100 digital selector emits a tone each time a button is pushed confirming that it has been performed correctly.

The DS100 cannot send a radio command until the command transmission has been enabled through the introduction of the secret combination, after which the **A B C** buttons can be pushed to send the command as if the DS100 was a normal radio transmitter.

The factory set combination of “**11**” can be changed at any time as described in the “Change of combination” chapter 6.

The secret combination is composed from a minimum of 1 number to a maximum of 10 numbers (for example: 5 or 5566778899).

If no buttons are pushed within 10 seconds the combination will have to be introduced once again in order to send another command.

If the combination is incorrectly introduced, three rapid notes are emitted (beep-beep-beep) when the transmission is attempted that indicate that the combination has been incorrectly typed in.












To make the introduction of the combination easier, the buttons can be lit up at any time by pushing button **C** in **fig. 1**.

## 6 CHANGE OF COMBINATION

EN

The secret combination can be changed at any time as long as the present combination is known.

To replace the combination, proceed as described below.

Change of combination	Example
01. Push button  <b>C of fig. 1</b>	
02. Type in the present combination	
03. Push button  <b>C of fig. 1</b>	
04. Type in the new combination (max 10 numbers)	
05. Push button  <b>C of fig. 1</b>	
06. Type in the new combination again (max 10 numbers)	
07. Push button  <b>C of fig. 1</b>	

- 08.** Three beeps are emitted if the operation has been successful otherwise 5 rapid beeps are given indicating that one of the steps was unsuccessful



Note: If one wishes to use DS100 without having to introduce a combination, a combination with no numbers can be introduced by not pushing the buttons at points 04 and 06 of table 2.

If the combination is forgotten it can be changed by repeating the above mentioned points and entering at point 02 of the procedure the special default “PUK code” in place of the current combination.

Each DS100 has its own individual 10 digit “PUK” code which can be found on the front cover of this manual.

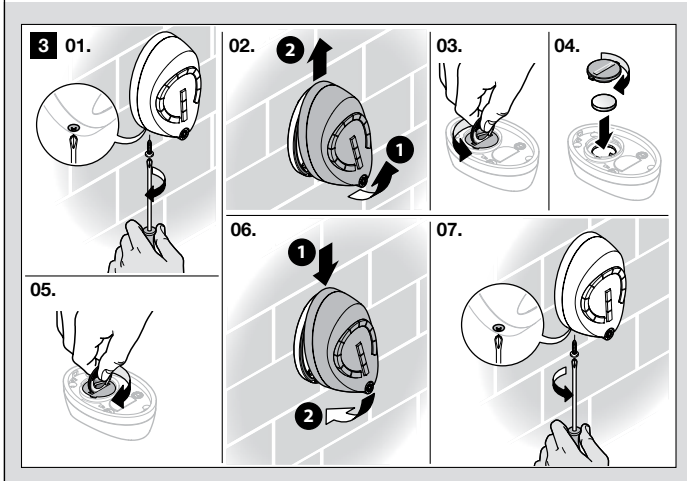


## 7 REPLACEMENT OF THE BATTERIES

When the digital selector range is significantly reduced and/or 10 rapid beeps are emitted when switched on, this means that the batteries are flat and require replacement. The digital selector contains two CR2430 lithium batteries.

If the DS100 is used in freezing temperatures (below  $-10^{\circ}\text{C}$ ) flat battery signals may be given even if the batteries are still partially charged.

To replace the battery, proceed as shown in **fig. 3**.



## 8 MAINTENANCE AND DISPOSAL



The system does not require special maintenance. This product is made of various materials; some may be recycled and others must be disposed of. Obtain information on product recycling or disposal, in observance of current local standards.

**Caution:** some electronic components may contain pollutant substances; never dispose of into the environment.



## 9 TECHNICAL CHARACTERISTICS

DS100 is produced by NICE S.p.A. (TV) Italy. Nice S.p.A., in order to improve its products, reserves the right to modify their technical characteristics at any time without prior notice. In any case, the manufacturer guarantees their functionality and fitness for the intended purposes.

Note: all the technical characteristics refer to a temperature of 20°C.

<b>Type</b>	Digital radio selector with digital combination for the control of awnings, rolling shutters, gates and door automations
<b>Adopted technology</b>	AM OOK coded modulation of radio carrier
<b>Frequency</b>	433.92 MHz
<b>Code</b>	Rolling code with 64 Bit code (18 billion million combinations)
<b>Irradiated power</b>	approx. 0.1mW
<b>Power supply</b>	6V +20% -40% with two CR2430 type lithium batteries
<b>Battery life</b>	2 years, estimated on the basis of 10 commands/day, each lasting 1" at 20°C (at low temperatures the efficiency of the batteries decreases)
<b>No. of combinations</b>	9.999.999.999
<b>Operating temperature</b>	-20°C ... 55°C
<b>Protection class</b>	IP44 (for external use)
<b>Dimensions / weigh</b>	L 65 x H 95 x D 33 / 260 g

## CE Declaration of conformity

Declaration in accordance with Directive 1999/5/EC

*Note: The contents of this declaration correspond to declarations in the official document deposited at the registered offices of Nice S.p.a. and in particular to the last revision available before printing this manual. The text herein has been re-edited for editorial purposes.*

*A copy of the original declaration can be requested from Nice S.p.a. (TV) Italy.*

**Declaration number:** 586/DS100

**Revision:** 0

**Language:** EN

The undersigned, Roberto Griffa, in the role of Chief Executive Officer, declares under his sole responsibility, that the product:

**Manufacturer's Name:** NICE S.p.A.

**Address:** Via Pezza Alta 13, 31046 Rustignè di Oderzo (TV) Italy

**Model:** DS100 13-key keypad with programmable code

**Accessories:**

Conforms to the essential requirements stated in article 3 of the following EC directive, for the intended use of products:

- DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity, in accordance with the following harmonised standards:
  - Health and safety (Art. 3(1)(a)): EN 62479:2010
  - Electrical safety (Art. 3(1)(a)): EN 60950-1:2006+A11:2009+A12:2011+A1:2010+A2:2013
  - Electromagnetic compatibility (Art. 3(1)(b)): EN 301 489-1 V1.9.2:2011, EN 301 489-3 V1.6.1:2013
  - Radio spectrum (Art. 3(2)): EN 300 220-2 V2.4.1:2012

In accordance with the directive 1999/5/EC (appendix V), the product is class 1 and marked: **CE 0682**

Oderzo, 28 July 2016

Ing. **Roberto Griffa**  
(Chief Executive Officer)

