

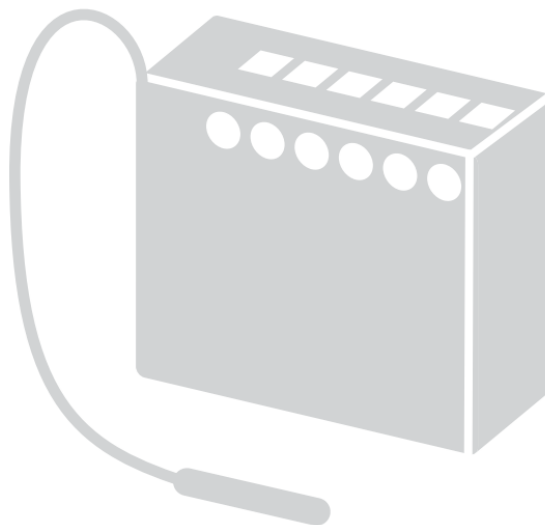


## Nice TTXB4 Built in Transmitter Module Instruction Manual

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# Nice

TTXB4 C € 0682  
Built-in transmitter module



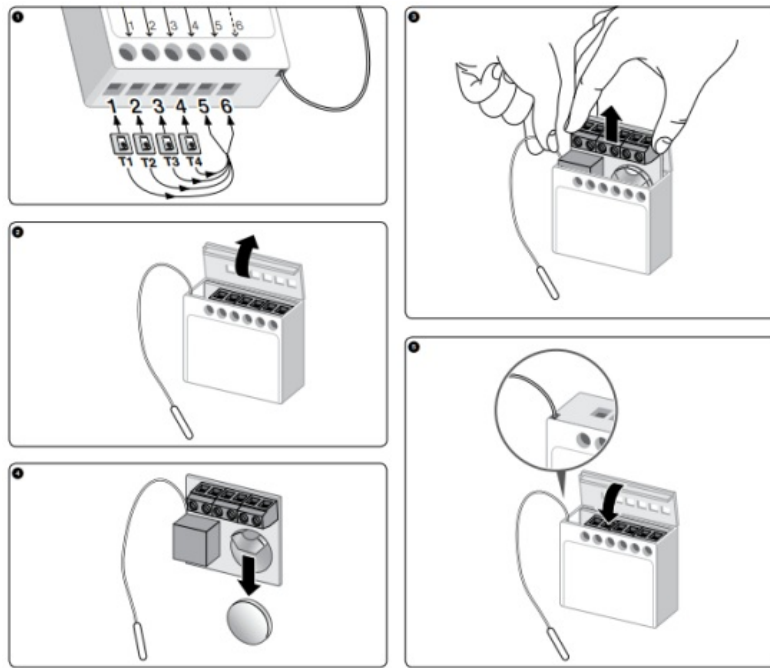
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Instructions and warnings for installation and use

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## TTXB4 Built in Transmitter Module



## GENERAL WARNINGS

**CAUTION!** – Important safety instructions.

Follow all instructions as improper installation may cause serious damage.

**CAUTION!** – Important safety instructions. It is important for you to comply with these instructions for your own and other people's safety. Keep these instructions.

- Children must not play with the appliance.
- Before commencing the installation, check the “Technical characteristics” (in this manual), in particular whether this product is suitable for automating your guided part. If it is not suitable, DO NOT continue with the installation.
- The product cannot be used before it has been commissioned as specified in the chapter on “Testing and commissioning”.
- The packing materials of the product must be disposed of in compliance with local regulations.
- Before proceeding with the installation of the product, check that all the materials are in good working order and suited to the intended applications.
- The manufacturer assumes no liability for damage to property, items or persons resulting from non-compliance with the assembly instructions. In such cases the warranty for material defects is excluded.
- Before working on the system (maintenance, cleaning), always disconnect the product from the mains power supply.
- Handle the product with care during installation, taking care to avoid crushing, denting or dropping it, or allowing contact with liquids of any kind. Keep the product away from sources of heat and naked flames. Failure to observe the above can damage the product, and increase the risk of danger or malfunction. Should this happen, stop installation immediately and contact Customer Service.

## PRODUCT DESCRIPTION AND INTENDED USE

This product is a recess-fitted transmitter intended for control automation of garage doors, gates, shutters, awnings, and similar.

**CAUTION!** – Any other use than as specified herein is strictly prohibited! The transmitter implements a

transmission technology with variable code (rolling code) at 72 bit; it is powered by an internal Lithium 3 volt battery. The commands are sent by means of separate control pushbuttons (those of a pushbutton panel, interphone etc.) not included in the pack.

## INSTALLATION AND CONNECTIONS

Caution! – Before installation and connections, carefully read the chapter 1.

### Installation

The transmitter can be installed in a recess in the wall or in any other desired location as long as it allows easy electrical connection to the pushbuttons used to operate the automation system (max. 4 buttons).

### WARNINGS:

- For control devices, use exclusively pushbuttons and not switches.
- To obtain the maximum operating range of the transmitter during operation, connect the transmitter at the highest point possible from the ground and where possible in an obstacle-free zone.
- Place the transmitter in the area defined for operation of the radio receiver system.
- Avoid damage to the aerial wire of the transmitter during installation.

### Connections: fig. 1

– Connect each envisaged pushbutton to the relative associated terminal. Caution! – The maximum length of the electric cable used for connection of each pushbutton must not exceed 10 m.

– Connect the “common” wire of each pushbutton to terminal 5 and 6.

### PROGRAMMING THE RECEIVER

The transmitter can be memorised in different ways, depending on the options of the receiver or control unit associated with the transmitter. Then memorise the code of your transmitter on the receiver or control unit according to the procedure specified in the relative instruction manual.

### CHECKING OPERATION

When installation is complete, immediately check that the transmitter functions properly by pressing one of its pushbuttons and verifying:

01. Press one of the pushbuttons and check:

- a) simultaneous flashing of the Led on the transmitter (= transmission complete);
- b) execution of the manoeuvre command.

### TRANSMITTER BATTERY REPLACEMENT

When discharged, to restore normal transmitter operation, the battery must be replaced with a version of the same type (CR2032), noting the polarity as specified.

To replace the battery proceed as shown in the figures 2-3-4-5.

### SCRAPPING

This product is an integral part of the automation and must be scrapped with it.

As when installing the product, when the product reaches the end of its service life, it must be scrapped by a qualified technician.

This product comprises various types of materials: some may be recycled others must be disposed of. Seek information on the recycling and disposal systems available in your area for this product category.

**WARNING!** – Some parts of the product may contain pollutants or hazardous substances which, if released into the environment, may cause serious damage to the environment or human health.



As indicated by the symbol, the product may not be disposed of as domestic waste. Sort the materials 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.

**WARNING!** – Local legislation may include the application of serious fines in the event of improper disposal of this product. Battery disposal

**CAUTION!** – Even if discharged, the batteries can contain pollutant substances and therefore must never be disposed of in common waste collection points. Dispose of according to separate waste collection methods as envisaged by current local standards.

## TECHNICAL SPECIFICATIONS

The product TTXB4 is produced by Nice S.p.a. (TV) I.

- Type: Radio transmitters for the control of automations on gates and doors.
- Technology adopted: AM OOK radio encoded modulation.
- Frequency: 433.92 MHz ( $\pm 100$  kHz).
- Radio encoding: Rolling code with 72 Bit code.
- External connectable pushbuttons: 4.
- Radiated power: approx. 1 dBm e.r.p.
- Battery lifetime: 3 years, estimated on the basis of 10 commands/day of the duration of 1s at 20°C. (battery efficiency is reduced at low temperatures).
- Protection rating: IP 20 (use in the home or protected environments).
- Operating temperature: from +5°C to +35°C.
- Dimensions: L. 40 x D. 33 x H. 18 mm.
- Weight: 18 g. n Range: Estimated at 200 m outdoors; 35 m inside buildings (\*).

**Notes:** • (\*) All radio controls are subject to interference which may alter performance levels. Therefore in the event of interference, Nice cannot guarantee the effective capacity of their devices. All technical specifications stated in this section refer to an ambient temperature of 20°C ( $\pm 5^\circ\text{C}$ ). • Nice S.p.a. reserves the right to apply modifications to the product at any time when deemed necessary, while maintaining the same functionalities and intended use.

#### **CE declaration of conformity**

Declaration in compliance with Directive 1999/5/EC

Note – The content of this declaration corresponds to that specified in the official document deposited at the Nice S.p.A. headquarters and, in particular, to the latest revised edition available prior to the publishing of 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) I.

#### **Declaration number: 528/TTXB4**

Revision: 0 Language: EN

The undersigned Mauro Sordini in his capacity as 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

Type of product:

Transmitter 433.92 MHz for remote control of doors, gates, awnings, shutters, and similar applications Model /

Type: TTXB4

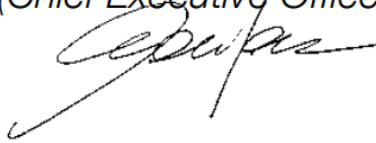
#### **Accessories:**

Complies with the essential requirements pursuant to Article 3 of the following European directive, relevant to the use for which the products are intended:

- 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 Directive 1999/5/EC (appendix V), the product is class 1 and marked:

Oderzo, 9 April 2015

**Mr. Mauro Sordini**  
(Chief Executive Officer)



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Oderzo TV Italia  
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[www.niceforyou.com](http://www.niceforyou.com)

## Documents / Resources



[Nice TTXB4 Built in Transmitter Module](#) [pdf] Instruction Manual  
TTXB4 Built in Transmitter Module, TTXB4, Built in Transmitter Module, Transmitter Module, Module

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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