

Installation and use instructions and warnings

Mhouse is a commercial trademark owned by Nice S.p.a.

Nice S.p.a.

Via Pezza Alta, 13 - Z.I. Rustignè

31046 Oderzo (TV), Italia

Tel. +39 0422 85 38 38 - Fax +39 0422 85 35 85



CE DECLARATION OF CONFORMITY

Declaration in conformity with Directive 2004/108/EC (EMC)

IBT4 is produced by Nice S.p.a. (TV) I

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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) I.

Number: 357/IBT4

Revision: 0

Language: EN

Manufacturer's Name: NICE s.p.a.
Address: Via Pezza Alta 13, Z.I. Rustignè, 31046 Oderzo (TV), Italia
Type: Bus interface
Model: IBT4
Accessories:


The undersigned, Luigi Paro, in the role of Managing Director, declares under his sole responsibility, that the above mentioned products conform to the requirements of the following directives:

• 2004/108/EC OF THE EUROPEAN PARLIAMENT AND COUNCIL of 15 December 2004 regarding the approximation of member state legislation related to electromagnetic compatibility, repealing directive 89/336/EEC, according to the following harmonised standards:
EN 61000-6-2:2005, EN 61000-6-3:2007

The product conforms, within the constraints of applicable parts, to the following standards:
EN 60335-1:2002 + A1:2004 + A11:2004 + A12:2006 + A2:2006 + A13:2008

Oderzo, 27 July 2010

Ing. Luigi Paro (Managing Director)



1 - Warnings and general precautions

- **CAUTION!** – This manual contains important instructions and warnings for personal safety. Carefully read all parts of this manual. If in doubt, suspend installation immediately and contact the Mhouse Technical Assistance.
- **CAUTION!** – Important instructions: keep this manual in a safe place to enable future product maintenance and disposal procedures.
- **CAUTION!** – All installation and connection operations must be performed exclusively by suitably qualified and skilled personnel with the unit disconnected from the mains power supply.
- This product is suitable for indoor use. It may only be used outdoors in adequate weather conditions; the housing does not protect the product against the ingress of water or other liquids.
- The product's packaging materials must be disposed of in full compliance with local regulations.

2 - Product description

IBT4 is an interface device that enables the connection of the Oview programming unit to Mhouse control units fitted with a "prog" programming connector: CL1S, CL1W, CL2S, CL2W, CL20S, CL20W. **Any other use is to be considered improper! The manufacturer declines all liability for damage resulting from improper use of the product and other than as specified in this manual.**

3 - Electrical connection

IBT4 enables connection of the programming unit Oview to a control unit or to a number of automations.

IBT4, is activated only when it is connected to the control unit by means of the "prog" connector on the unit, as it is powered by the connector.

To connect the IBT4, see fig. 1. **Caution!** – Do not fit IBT4 in positions other than those specified.

If IBT4 is connected to a solar powered control unit please note that after 60 seconds of inactivity the control unit activates the energy-saving mode and therefore the IBT4 output is also temporarily deactivated.

4 - Product disposal

This product is an integral part of the automation and therefore must be disposed together with the latter.

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 of various types of material, some of which can be recycled while others must be scrapped. 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 alongside, 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.



5 - Technical specifications of the product

The product IBT4 is produced by Nice S.p.a. (TV). Warnings: - All technical specifications stated in this section refer to an ambient temperature of 20°C (± 5°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.

- **Type:** control, programming and diagnostics interface to connect the Oview unit to devices fitted with programming connector compatible with IBT4.
- **Technology adopted:** half duplex 19200 Bps serial connection on differential bus.
- **Connection cable length:** up to 700 m, measured from point to point.
- **Power supply:** supplied by the control unit to which the IBT4 is connected.
- **Absorbed current:** maximum 200 mA, equal to an Oview programmer with connected gsm module or a maximum of 5 Bust4 devices connected at the same time.
- **Insulation:** Class III
- **Casing protection rating:** IP 20 (use indoors or in protected environments only)
- **Operating temperature:** - 20°C - +55°C
- **Dimensions (mm):** 34 x 28 x h 18
- **Weight:** 11 g

