

Overview

Display programmer

Instructions and warnings
for installation and use

Istruzioni ed avvertenze per
l'installazione e l'uso

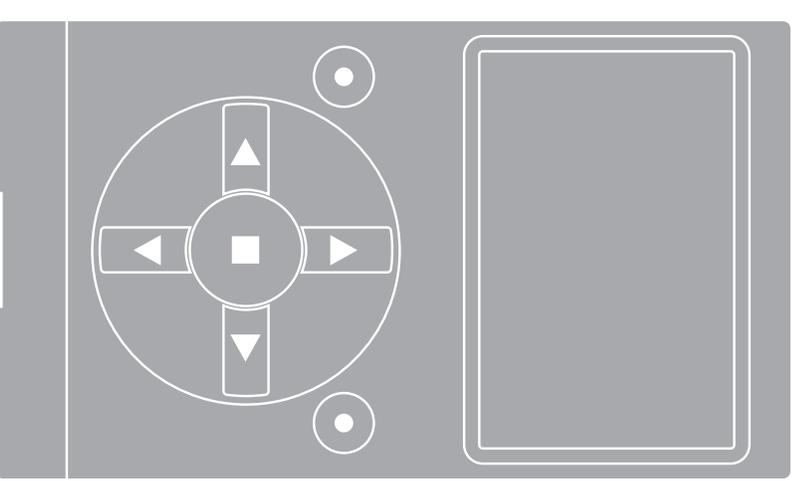
Instructions et avertissements
pour l'installation et l'utilisation

Instrucciones y advertencias
para la instalación y el uso

Installierungs- und Gebrauchsanleitungen
und Hinweise

Instrukcje i ostrzeżenia do
instalacji i użytkowania

Aanwijzingen en aanbevelingen voor
installatie en gebruik



ENGLISH

TRADEMARK INFORMATION

The names *BLUETOOTH®*, *GPRS®*, and *GSM®* are registered trademarks of the respective owners; the product names stated in this manual may also be registered by the respective owners.

GENERAL SAFETY WARNINGS AND PRECAUTIONS

WORKING IN SAFETY!

CAUTION! – *For personal safety it is important to observe these instructions.*

CAUTION! – *Important safety instructions: Keep these instructions in a safe place.*

CAUTION! – *All installation procedures, connections, programming and maintenance of the product must be performed by a qualified technician!*

Observe the following warnings:

- never make any modifications to part of the product other than those specified in this manual. Unauthorised operations may constitute a hazard and cause malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to the product.
 - the product is designed for use indoors. It may only be used outdoors in adequate weather conditions. In fact the product housing does not protect against the ingress of water or other liquids.
 - if the product is used as a control device, it must be installed in a suitable location, out of the reach of children and at a height of at least 150 cm from the ground.
 - For cleaning the product surfaces, use a slightly damp (not wet) cloth.
- Important** – Never use substances containing alcohol, benzene, diluents or other flammable substances. Use of such substances could damage the product.
- Handle the LCD screen with care, taking care to avoid scratching.
 - Keep this manual in a safe place to enable future product maintenance and programming operations.
 - The product packaging material must be disposed of in full observance of current local legislation governing waste disposal.



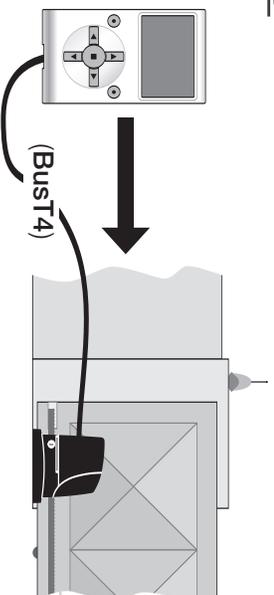
IMPORTANT

This symbol indicates subjects that may constitute a potential hazard source. Therefore all operations marked with this symbol must be performed exclusively by skilled and qualified personnel, in observance of the instructions in the manual, and current local legislation and safety standards in the place of installation.

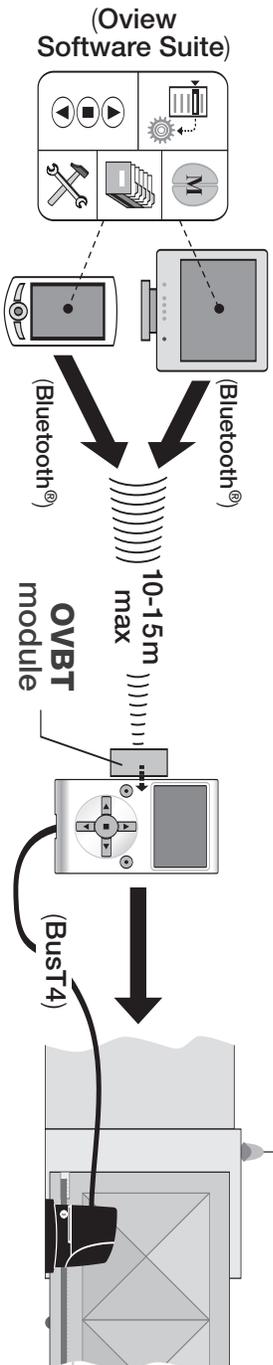
1

L'Oview and accessories

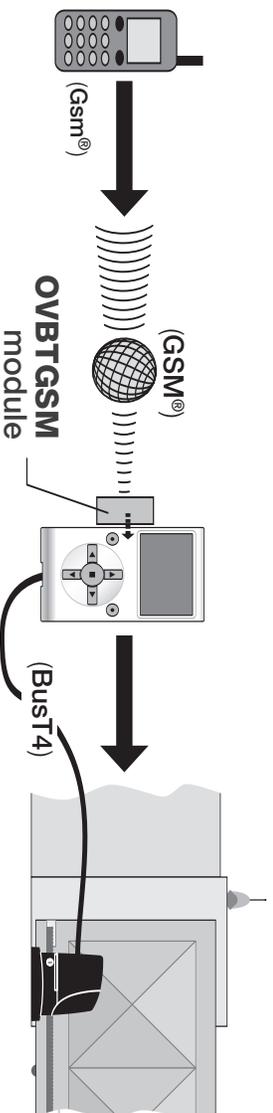
Use of Oview only



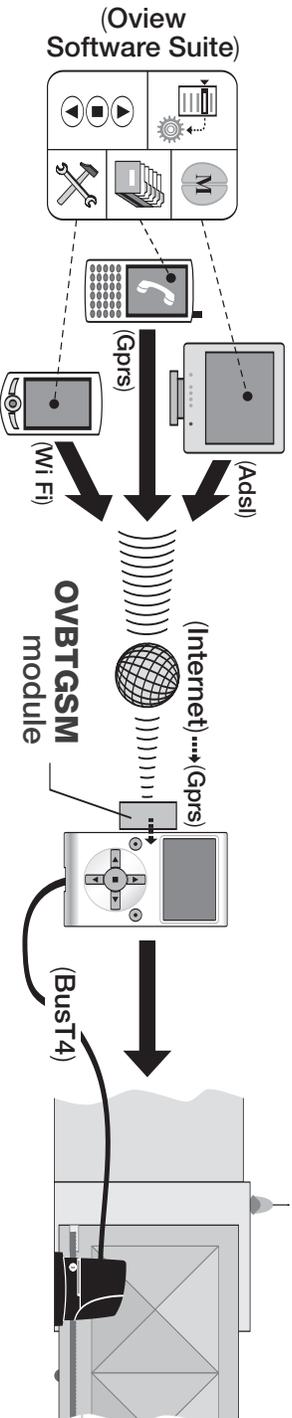
Use of OVBT module and Software



Use of OVBTGSM module and a mobile phone



Use of the OVBTGSM module and Software



1 PRODUCT DESCRIPTION AND USE

Oview is a device designed for the programming and control of Nice devices equipped with "BusT4", used for the automation of gates, garage doors, road barriers with mobile arms and similar applications.

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.

1.1 – Main operating characteristics of Oview

The Oview device dialogues with other devices via the BusT4 cable: therefore it can only communicate with products fitted with the BusT4 connector, i.e. those in the "NiceOpera" system (*for information on this system, refer to the box alongside, entitled "What is Nice Opera?"*).

Oview is only activated when connected to a device, as it is powered directly by the latter.

Oview can be used both as a system for programming devices and as a system for automation control. Use of Oview is especially recommended in automation systems with an advanced technological content, as it enables:

- **programming** of a device or several devices connected on a network;
- **control of one or more automations**;
- **diagnostics** of a device or several devices connected on a network.
- **storage(*)** of settings and programming of devices (storage is useful for example to enable rapid re-configuration of devices in the event of a replacement of a system component).

(*)Note – *The storage operation is only available when using the optional software available for use with Oview (see chapter 7).*

Oview is suitable for use both by the installer and user. Just one Oview device enables the installer to program and modify data, and perform maintenance on all devices present in a system. On the other hand, the user can use Oview to control one or more automations on a daily basis.

If required, the installer can also provide the user with the programming settings of a number of parameters. This can be useful if the user needs to change the values of these parameters while using the automation.

If the case of a network of several devices, use of Oview enables the installer to

configure all devices in a system one at a time, thus reducing the complexity, times and movements normally required for such operations.

Note – *For more information on how to construct a Bus network and how to configure and manage the network by means of Oview, refer to the manual "NiceOpera System Book" available on the website www.niceforyou.com*

1.2 – Accessories (optional)

Oview is supplied with a 2 m cable for direct connection to a device and a support for wall-mounting.

All the other accessories listed below are optional:

- *Bluetooth®* module, supplied with the Software "Oview Software Suite";
- *Gsm®* module, supplied with the Software "Oview Software Suite".

What is "NiceOpera"

Nice Opera is a system comprising various devices normally used in systems for the automation of gates, garage doors, and road barriers with mobile arms.

These devices are:

- **transmitters in the series NiceOne;**
- **receivers in the series NiceOne;**
- **control units of gearmotors with "Bus T4" connection.**

There are also other supplementary software and hardware devices in addition to the above:

- **O-Box programming unit with dedicated software, for transmitters and receivers;**
- **Oview programming unit, for control units and receivers;**
- **a Bluetooth® module and dedicated software, for data communication between Oview and a Personal computer or Palmtop;**
- **a GSM® module and dedicated software, for data communication via Internet between Oview and a Personal computer or Palmtop.**

The Gsm® module also enables the use of a smartphone and standard mobile phone: these can be used to send a command to an automation by means of a call or text message; also, the smartphone, equipped with the Windows® Mobile operating system enables use of the software "Oview software suite".

2 OVIEW INSTALLATION AS A CONTROL DEVICE

To use Oview as a fixed control for automations, it must be installed in a suitable location, out of the reach of children and at a height of at least 150 cm from the ground.

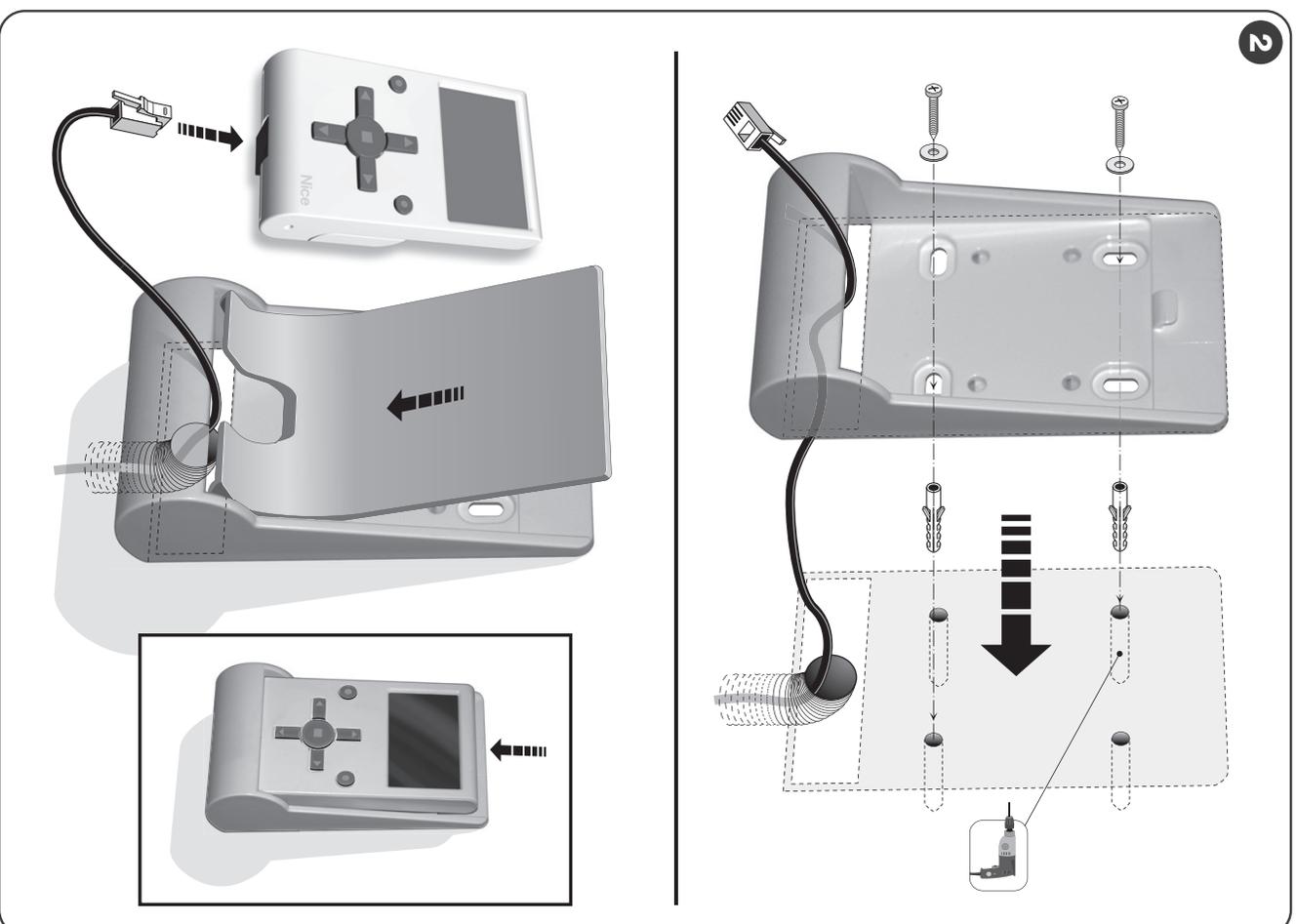
To mount the device on a wall, use the support supplied in the pack, as shown in **fig. 2**.

Then connect Oview to the automation with reference to the instructions in *Chapter 3*.

— OBLIGATIONS FOR THE INSTALLER —

IMPORTANT – After installing and programming Oview as a control device, the installer must provide the client with the part of this manual entitled “User Manual”.

Also, if the installer intends to enable the client access to a number of programming functions, the relative information on these functions must also be supplied, as specified in the CD “Programmable functions of devices with BusT4 connector”.



3 OVIEW CONNECTION TO A DEVICE



Oview can be connected to a device in two ways:

- **random connection:** this enables use of Oview as a “portable” programming unit. For this connection, the cable supplied (2 m) can be used, connecting it to the socket on Oview (**fig. 4**) and the “BusT4” socket on the control unit of the device to be programmed (**fig. 5** - *To access this socket, refer to the device instruction manual.*)

- **permanent connection:** this enables use of Oview as a “fixed” control and programming unit. For this connection, the length of the cable supplied (2 m) is probably not sufficient. Therefore an extension lead should be used, or a new cable of sufficient length with the following characteristics:

- **type of connector to be used:** RJ45 6/4 plug (body 6 with 4 contacts); connectors normally used in telephone systems.

- **types of cables admissible:**

- flat telephone cable with 4 wires;

- tamper-proof cable with wires (4 x 0,22 mm);

- UTP cable category 2, with 4 wires (if the cable has more these must be eliminated);

- STP cable category 5, with 4 wires (if the cable has more these must be eliminated) with shielding.

- **maximum cable length:** refer to the lengths specified in Table 1.

Table 1 – Maximum cable length

	Oview	Oview + Bluetooth®	Oview + GSM®
Flat telephone cable	300 m	250 m	150 m
Tamper-proof cable	300 m	300 m	250 m
UTP Cable category 2	500 m	500 m	400 m
STP Cable category 5	700 m	700 m	400 m

General notes to Table 1:

- The maximum cable lengths are calculated for use in environments with “Cv1” type electromagnetic emission levels. For increased reliability of data transmission on long cables, STP type cables, category 5, are recommended, with connection of the cable shielding to earth as follows:
 - if the devices are connected “in cascade” (or “chain”), connect the shielding of the device positioned at one of the ends of the chain;
 - if the devices are connected “in star” mode, connect the shielding either of one device only or at the centre of the star.
 - In the case of a network of devices, the total cable length must be calculated as follows:
 - if the devices are connected “in cascade” (or “chain”), the maximum cable length must be calculated between the two devices at the ends of the chain.
 - if the devices are connected “in star” mode, the maximum cable length must be calculated by adding the two longest sections plus the total of the half the lengths of the other sections.
- In general, for the connection of several devices in a network, special “T” sockets can be used, usually known as “splitters”, as commonly used in telephone systems. The type of splitter used is model RJ45 6/4 (body 6 with 4 contacts).
- To facilitate crimping of the RJ45 connector at the two ends of the cable, the internal wires of the selected cable should be “flexible (with strands)” and therefore not rigid types.

After selecting the type of cable used for connecting Oview to a device, proceed as follows:

- 01.** Before starting installation, ensure that there is all equipment and materials required for the work concerned. Also ensure that all items are in good condition and comply with local safety standards.
- 02.** Establishing the position for Oview installation.
- 03.** Perform all work required for laying hoses or protection ducting for the electric cables. *Note – The hoses or ducting serve to protect electrical cables and prevent accidental damage in the event of impact.*
- 04.** At this point, after routing the cable in the protection ducting, if using a cable without connectors, assemble a connector on each end of the cable, **taking care to use the same sequence of wires on both connectors (fig. 3).**
- 05.** Then connect the cable to the socket on Oview (**fig. 4**) and to the “BusT4” socket on the control unit of the device to be controlled (**fig. 5** - *To access this socket, refer to the device instruction manual.*)

Note – For more information on the procedures dealt with in this chapter, refer to the manual “NiceOpera System Book”.

4 GENERAL USE OF OVERVIEW

Overview is only activated when connected to a live device, as it is powered directly by the latter.
On activation of Overview, the icon representing the connected device is displayed on screen.

• Key to Overview keys

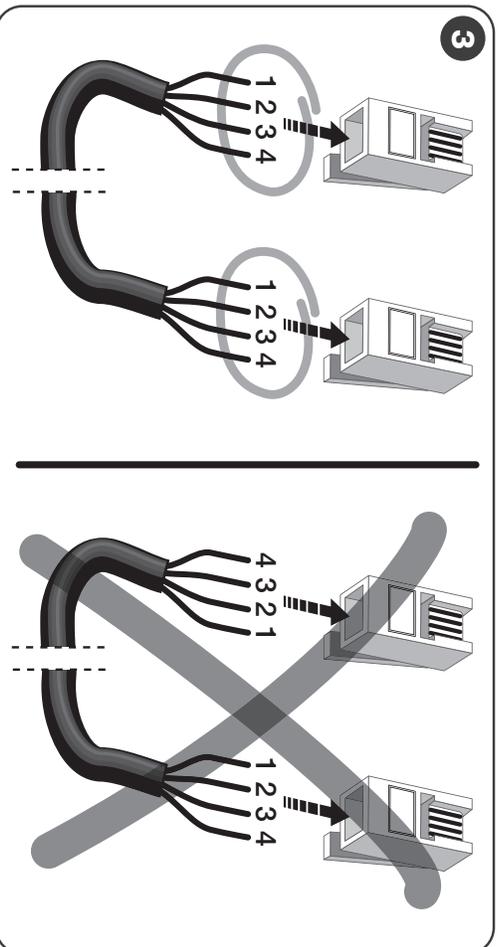
Overview comprises the following parts (fig. 6):

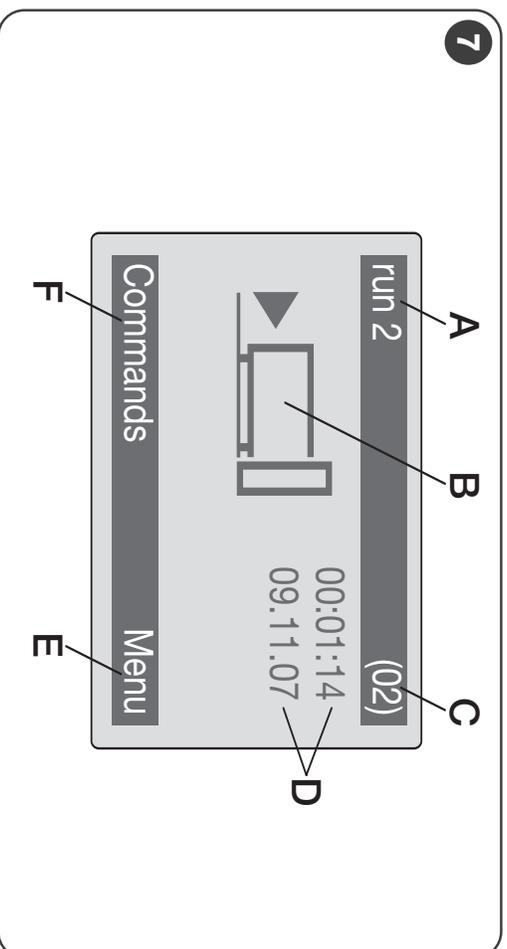
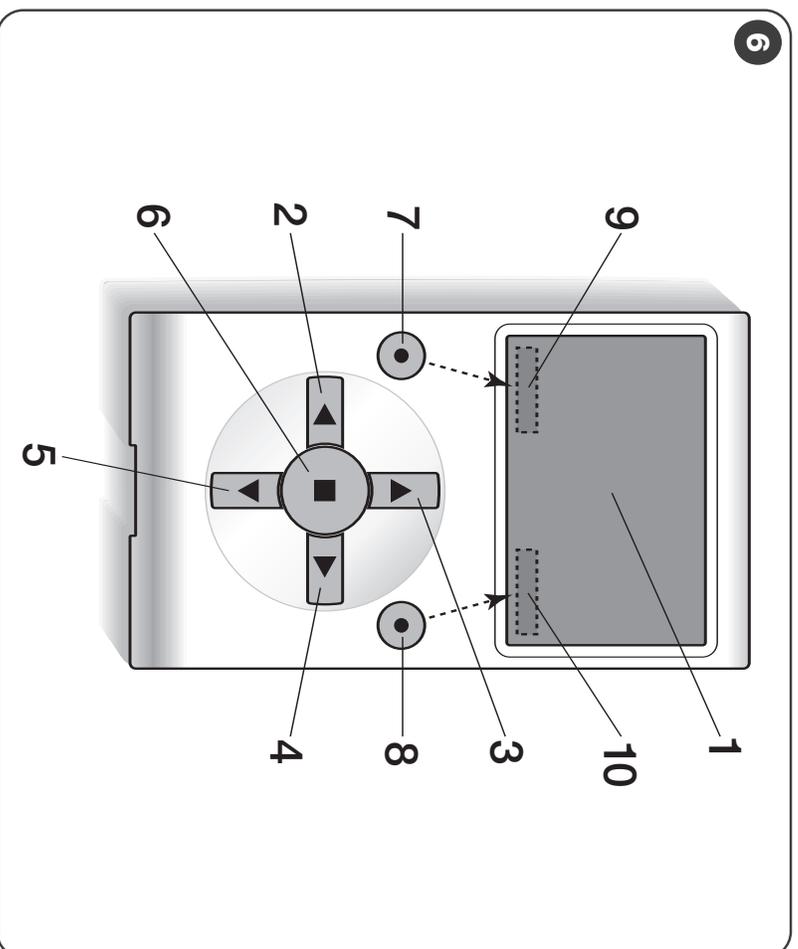
- 1 – LCD screen;
- 2 / 4 – Arrow keys ◀ and ▶ : used to move from one field to another in a window and to move from one window to another;
- 3 / 5 – Arrow keys ▲ and ▼ : used to modify values in a selected field or to scroll within a list;
- 6 – Key ■ used to confirm a value;
- 7 – Key ● used to select the item displayed at the bottom left of the screen (9);
- 8 – Key ● used to select the item displayed at the bottom right of the screen (10).

• Overview home page

After activating Overview, the application home page is displayed. This window comprises the following elements (see fig. 7):

- A – Name of selected device.
- B – Icon defining the type of device connected; in the case of a network of devices the screen displays the first device found.
- C – Number indicating the series to which the selected device belongs.
- D – Local time and date.
- E – “menu”: this enables the user to access all functions available to program a device.
- F – “commands”: this enables the user to access all functions available to control one or more devices.





5 OVERVIEW FUNCTIONS

• Controlling the automation

There are two ways to control an automation. After selecting the series to which the automation to control belongs, send the command required in one of the following ways:

A) to send a direct command, use one of the following keys:

- OPEN = key ▲ (3 – fig. 6)
- STOP = key ■ (6 – fig. 6)
- CLOSE = key ▼ (5 – fig. 6)

B) to send a special command available on the automation, in the home page (fig. 7) select “**commands**” by means of key ● (7 – fig. 6) and then select “**run command**”. Then select the required command from the list displayed.

At this point, to confirm the selected command, select “**run**” by means of the key ● (8 – fig. 6) or return to the previous window by selecting “**back**” by means of the key ● (7 – fig. 6).

Note – The type and number of commands present in this list change according to the type of automation selected.

• Programming timed commands

Overview is equipped with an internal clock which can be used to program automatic delivery of commands to an automation on specific days and times as required. **Note** – In the event of a power failure, the clock in Overview continues to operate as normal, but if delivery of a command was programmed during the black-out, this will not be performed.

To program automatic execution of commands on specific days and times as required, proceed as follows:

- a) select the series to which the automation to be programmed belongs;
- b) in the home page (fig. 7) select “**commands**” by means of key ● (7 – fig. 6) and then select “**timed command**”;
- c) in the window displayed (fig. 8) enter the required days and times in the relative fields. **Note** – Up to 8 different settings are available for each automation;
- d) confirm the settings by selecting “**OK**” by means of the key ● (8 – fig. 6).

Timed command			
>00	04:02	lmmgvsd	off
01	04:02	lmmgvsd	off
02	04:02	lmmgvsd	off
03	04:02	lmmgvsd	off
Back		Select	

Important – Ensure that the clock is set precisely at the local time.

Caution – The timed commands are only enabled if the “**timed command activation**” is activated (under the heading “settings”).

• Programming the control unit and receiver

To program the parameters of a device, proceed as follows:



WARNING – Access to the functions under the heading “automations” may require entry of a password, if the installer has decided to restrict access to the programming functions. For further information refer to the paragraph “Working with passwords”.

- select the series to which the device to be programmed belongs;
- in the home page (**fig. 7**) select “menu” by means of key ● (8 – **fig. 6**) and then select “**automations**”: the window displays the list of devices connected and present in this series.
- This window enables the user to:
 - scroll through the list of names of devices present, using the arrow keys ▲ or ▼;
 - access the next series by using arrow key ► or the previous series by means of arrow key ◀;
 - confirm selection of a device, by means of key 6 or 8;
- On confirmation of the selection, a window is displayed, showing the “**functions menu**”.
This menu normally comprises the following items:
 - “**common functions**” (containing the functions present on all control units and receivers);

- “**control unit functions**” (functions specific to the control unit);
- “**radio functions**” (functions specific to the receiver);
- “**advanced functions**” (special functions present on all control units and receivers);
- (etc.....)

Note – The presence or absence of some of the items in the “functions menu” depends on the type of device selected.

— **VERY IMPORTANT** —

Each item in the functions menu enables access to a series of functions that enable the configuration and personalisation of operation of the selected device.

The complete lists of these functions, related to each control unit or receiver, are found on the CD “Programmable functions of devices with Bust4 connectors” supplied in the pack.

• Setting the Overview operating parameters

- To set the Overview operating parameters, enter the home page (**fig. 6**), and select “menu” by means of the key ● (8 - **fig. 6**) and then select “**settings**”. The window displays the list of parameters available: “name” - “date/time” - “**timed command activation**” - “display brightness” - “key brightness” - “installer password” - “user password” - “information” - “language” - “network options” - “communication”.

To display and modify individual parameters, select and proceed in the window displayed.

- **name**: used to assign a personal name to Overview, for easy identification in a device network;
- **date/time**: used to set the local date and time. The arrow keys ► and ◀ (2 and 4 – **fig. 6**) enable the user to move between fields for the date and time and keys ▲ and ▼ (3 and 5 – **fig. 6**) enable modification of the relative values;
- **timed command activation** used to activate or deactivate the timed commands. ON / OFF type command; the factory setting is “ON”;
- **display brightness**: used to adjust the display brightness. This can be set with a value from minimum 0% to maximum 100%. *Note – After 30 seconds of inactivity, the display brightness is reduced to the minimum set value;*
- **key brightness**: used to adjust the key brightness. This can be set with a

- value from minimum 0% to maximum 100%. *Note – After 30 seconds of inactivity, the brightness is reduced to the minimum set value;*
- **installer password:** *refer to paragraph “Working with passwords”;*
 - **user password:** *refer to paragraph “Working with passwords”;*
 - **information:** used to display the Oview technical data without the option for modification;
 - **language:** used to set the required language;
 - **network options:** this item contains the parameters “**series**” and “**address**”. These are used to modify the series to which Oview belongs and the personal address of the latter;
 - **communication:** this item contains the settings of the *bluetooth®* communication modules.
- The “**Bluetooth**” item contains two functions: “**Bluetooth Passkey**” and “**Pairing list**”.
- “**Bluetooth Passkey**”: used to personalise the “**Passkey**” (password) of Oview. We recommend personalising the Passkey (the factory setting is 0000) to avoid unauthorised access to Oview, during connections via *Bluetooth®* between Oview and PC or palmtop. **Caution!** – Do not forget the new Passkey, or it will no longer be possible to access Oview.
 - “**Pairing list**” used to delete *Bluetooth®* devices that have been memorised in Oview following connection of the latter with a PC or palmtop.

• **Working with passwords**

“**NiceOpera**” **device passwords**

All devices in the “**NiceOpera**” system, including **Oview**, offer the installer and user the option of restricting access against unauthorised tampering with sensitive data of the device, by implementing an access password.

If a device is password-protected, the “**log in**” procedure is compulsory before programming is enabled, after which the “**log out**” procedure must be completed to terminate the work session. *Note – the “log out” procedure enables the user to restrict access by unauthorised personnel, enabling the existing password for subsequent entry.*

Caution! – *When programming the password on several devices (for example, that of Oview, the control unit, receiver etc.), use of the same password is recommended for all devices including Oview. This avoids the need to perform a new log in procedure for each device during the programming procedures.*

Oview password

Oview enables the programming of an installer password and/or a user password.

The installer password is used to restrict access by the user to data and functions related to the correct operation of Oview.

The user password is used to restrict access by strangers or children as well as a number of programmable functions (for example time settings).

– **To set a password:** in the home page (**fig. 7**) select “**menu**” by means of key ● (8 – **fig. 6**) and then select “**settings**”. Then select the function required (installer password or user password) and enter the password as necessary.

Note – *When password is enabled, the Oview functions and parameters can still be displayed, but remain read-only (not modifiable).*

– **To perform the “Log In” or “Log Out” procedure on request of a password:** if Oview is password-protected, perform the “**Log In**” procedure as follows to enable subsequent programming operations: in the home page (**fig. 7**) select “**menu**” by means of key ● (8 – **fig. 6**) and then select “**log in**”. After this enter the correct password.

After entering the required settings, to close the work session and re-enable the existing password, repeat the same procedure as above but selecting “**log out**” in the “**menu**” section.

– **To modify or delete an existing password:** after performing the “**log out**” procedure and the password setting procedure (described above), proceed as follows in the last window:

- program a new password and save modifications, or,
- delete the existing password leaving the dedicated space blank and save the changes.

6 USING OVVIEW WITH THE BLUETOOTH® AND GSM® MODULES

Ovview functionality can be enhanced further using the *Bluetooth®* or *GSM®* module and the software "Ovview Software Suite" supplied with the products (see **fig. 1**). These modules and the software are optional accessories; the software is supplied in 2 versions: one for PC and one for a palmtop. For use, the software must be installed on a PC and/or Palmtop and/or Smartphone, equipped with *Bluetooth®* and/or *Internet* connectivity.

– **Bluetooth®** connectivity: enables the user to connect to Ovview using a *Bluetooth®* module (to be installed on Ovview). This type of connectivity enables communication with Ovview from a maximum distance of approx. 10-15 m (obstacle free) or a few metres in the presence of obstacles (walls or similar).

– **Internet** connectivity: enables the user to connect to Ovview using a *Gsm®* module (to be installed on Ovview). This type of connectivity enables communication with Ovview via the *Gsm®* network. In this case communication can be from any distance, provided there is network coverage.

The *Gsm®* module also enables the use of a smartphone and standard mobile phone: these can be used to send a command to an automation by means of a call or text message; also, the smartphone, equipped with the *Windows®* Mobile operating system enables use of the software "Ovview software suite".

The software "Ovview Software Suite" offers detailed on-screen graphics, and the PC keyboard or Palmtop keys facilitate scrolling and entry of data.

With this Software, the installer, as well as all the normal operations available with Ovview, can create a database to manage and save modifications applied to programmed devices, and can also perform diagnostics with comprehensive and immediate graphics, with the possibility of updating a device firmware.

Product disposal

This product comprises various types of materials: some may be recycled while others must be disposed of. 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.

The product contains a battery: this must be removed. Never dispose of in common waste collection points as it contains pollutant substances. Dispose of according to separate waste collection methods as envisaged by current local standards

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.

