

# Nice

## HSTS2



EN50131 Grade 1

CE 0682

### Touch screen radio control



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

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

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

**ES** - Instrucciones y advertencias de instalación

**DE** - Anweisungen und Hinweise für die Installation

**Nice**



## 1 WARNINGS AND GENERAL PRECAUTIONS

### 1.1 - General warnings

- The HSTS2 touch screen keypad can only be used with Nice automation units and with the HSCU2 series alarm control units. **Any use other than as described in this manual is strictly prohibited!**
- Do not make any changes to any part of the product, except those described in this manual. Unauthorised operation will cause malfunctions; Nice declines all responsibility for damage resulting from products which have been arbitrarily modified.
- To use the touch screen keypad, just touch the surface with your finger or with the stylus provided, applying a little pressure (**do not press hard!**). Using sharp objects is forbidden since they can damage the display beyond repair.
- During installation and use of the product, ensure that no foreign bodies (solids or liquids) penetrate any open devices.
- If in doubt during installation or programming, do not attempt further operations and contact Nice support service.
- Change the battery, observing the polarity shown.
- **Manufacturer liability:** Nice declines all liability for any faults resulting from incorrect programming and use of the device.
- **Guarantee (summary of terms):** Nice guarantees its product against concealed defects for a period of 3 years as of the date of manufacture. The guarantee applies to direct purchasers from Nice. No guarantee is envisaged for the end user, who in the event of faults must contact the specific installer or retailer.
- **Exclusions from the guarantee:** the guarantee does not cover aesthetic parts, the display, parts subject to normal wear or normal consumables such as batteries and accumulators.
- The product packaging material must be disposed of in full observance of current local legislation.

## 2 PRODUCT DESCRIPTION AND INTENDED USE

The HSTS2 touch screen keypad is the radio interface that can control the entire Nice Home alarm system with HSCU2 control unit and also be used to control up to 99 Nice automation units; e.g. gates, curtains, shutters, lights, etc.

HSTS2 features an icon menu and an integrated voice guide that make it easy to use. It has a voice answering machine which lets you record and listen to voice reminders. It has 4 keys (**fig. 2**) to be used to control the automation units in an immediate manner.

In addition, HSTS2 is fitted with a HSB1 transponder key reader (**fig. 1**) that provides for quick arming and disarming of the alarm system.

HSTS2 is powered by two “non-rechargeable” batteries (**fig. 3**). It is possible to use rechargeable batteries with the use of a suitable HSTS A1 table/wall base (optional) with integrated battery charger.

Thanks to the supports supplied, the touch screen keypad may be wall mounted or placed on its table base (**fig. 1**); see chapter 8.



## 3 USING THE TOUCH SCREEN KEYPAD

It has an on/off key (**fig. 2**) and an auto-off function to minimise battery consumption; after a few seconds from the display being touched, the device switches off automatically (the time can be adjusted). To reactivate it just touch the display directly or move the device (it has a motion sensor). If the terminal is turned off via the on/off key, it may be turned on only using the latter.

To use it just touch the display with your finger, applying only a little pressure, **without pressing hard!**

It is only when the graphic keypad is used that may it be necessary to use the stylus provided to achieve greater precision (**fig. 2-b**).

Description of **figure 2**:

**a** - on/off key

**b** - stylus

**c** - loudspeaker

**d** - microphone

**e** - sensor for transponder

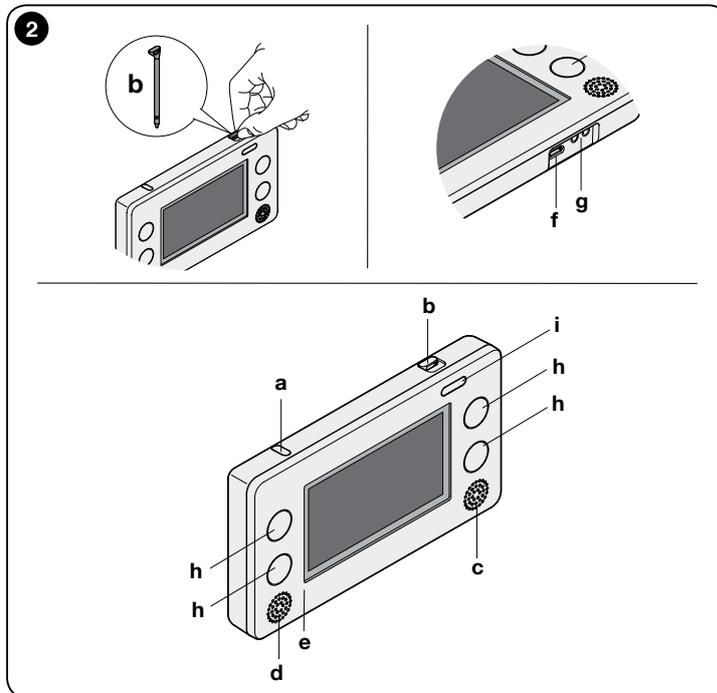
**f** - USB port

**g** - battery charger support contacts

**h** - (4) shortcut keys

**i** - LED signalling the following indications:

- **Red LED** = signals when the batteries are almost discharged
- **Orange LED** = signals the recharging phase; it is visible when HSTS2 is inserted on the HSTS A1 support or directly connected to the battery charger through the USB port
- **Green LED** = signals the end of the battery recharging
- **Blue LED** = signals the sending of the commands to the automation units and the alarm system control unit.



### 3.1 - Initial start-up

To perform the initial start-up proceed as follows (**fig. 3**):

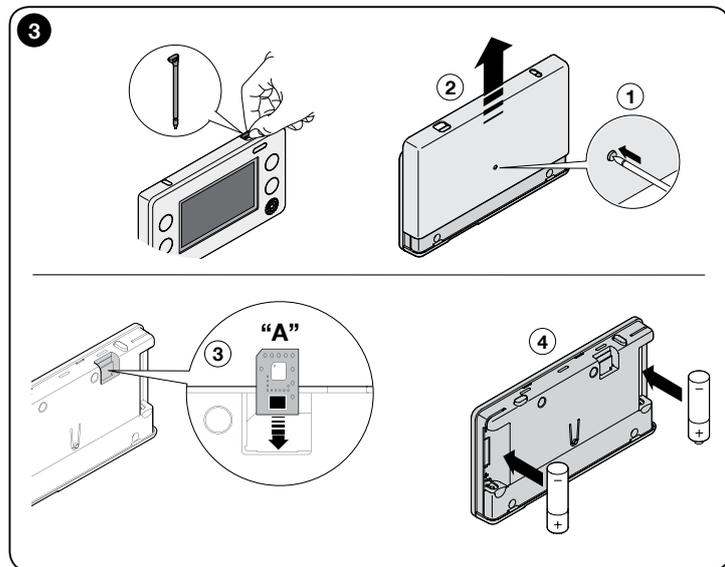
- 01.** Open the lid: press on point 1 and then push the bottom upwards (point 2);
- 02.** Check that memory board A is there; if not insert it in the suitable slot (point 3);
- 03.** Insert the batteries, observing the polarity shown (point 4);
- 04.** Replace the bottom.

Upon start-up, the main screen appears on the display (**fig. 4**) which has three icons from where you can access the respective sub-menus.

To browse through the menu and the sub-menus, just touch the screen in correspondence to the desired icon.

Various screen models are available as well as several browsing icons. Before proceeding, get familiar with the screens and icons by consulting **figures 4 and 5**.

**Note** – Some of the icons in this manual are only visible if the HSTS2 is used as an interface to control the HSCU2 series alarm control units. The icons associated with scenarios or command groups are shown below by way of example. The icons related to scenarios or command groups will be displayed only if associated during the configuration.

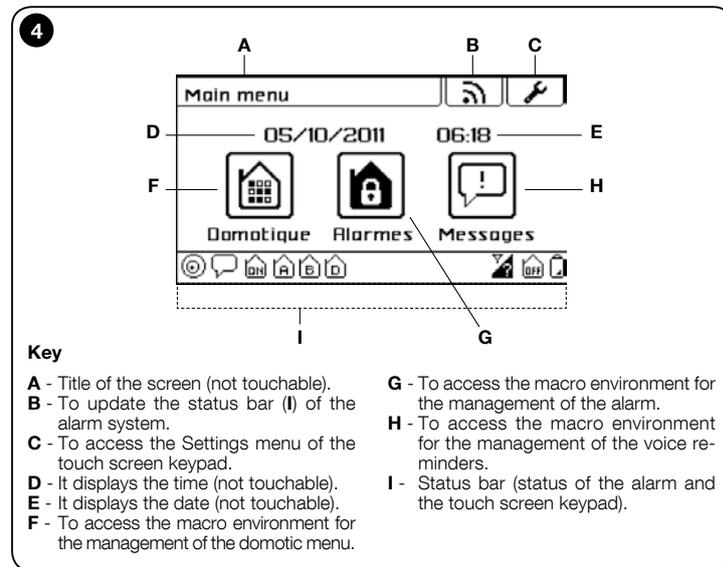


To use and programme the touch screen keypad, see paragraphs:

**Chapter 4 - page 5**  
Using the touch screen keypad as remote control for automation units

**Chapter 5 - page 12**  
Using the touch screen keypad to programme and control the HSCU2 series control units. To programme the alarm system, refer to the HSCU2 control unit instructions manual.

**Chapter 6 - page 36**  
Using the touch screen keypad as a voice answering machine



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## Icon key

	Increase
	Decrease
	Record
	Stop
	Play
	Save
	Delete
	OK
	Item unselected
	Item selected
	Go back to the previous menu
	Go back to the main screen

		Delete the last character typed
		In the alphabetic keypad, switch from upper case to lower case and vice versa. In the numeric keypad, switch from numbers to special characters
		Change the keypad from alphabetic to numeric
		Request status of the alarm system
		Arrows to scroll vertically
		Settings Menu
		SIM
		Reminders not read
		Battery level
		Transponder reader on
		New event in the memory of the alarm control unit
		Alarm armed
		Alarm disarmed
		Zone A armed
		Zone B armed
		Zone C armed
		Zone D armed
		Zone E armed
		Zone F armed

## 3.2 - Configuring the parameters of the touch screen keypad

To access the menu of the parameters to be edited, touch the icon  and then select the icon of the parameter to be edited.



**SCREEN** To adjust the display's brightness level.

Touch the keys  or  to make the adjustment. To confirm, touch "OK".



**AUTO OFF** To set the auto-off time of the touch screen keypad.

Select the desired time. To confirm, touch "OK".

**Note** – The item "Never" keeps the touch screen keypad always on. It is advisable to activate this option only if rechargeable batteries are used, which are regularly charged; e.g. by using the HSTSA1 accessory.



**RECHARGE** To enable the battery recharging function if rechargeable batteries are used. **Caution!** – Do not recharge non-rechargeable batteries. This operation could damage the touch screen keypad.

Select the desired item. To confirm, touch "OK".



**LINK** To add or delete the association of the touch screen keypad to an alarm system control unit (see chapter 5).



**VOLUME** To adjust the volume level.

Touch the keys  or  to make the adjustment. To confirm, touch "OK".



**MOTION** To enable the movement sensor to allow the keypad to turn on by a simple movement. The sensor is not active if the touch screen keypad has been turned off with the ON/OFF key.

Select the desired item. To confirm, touch "OK".



**CLOCK** To set the date and time. If the keypad is associated with the alarm control unit, this icon will not be visible and the date and time set in the alarm control unit will be displayed (see paragraph 5.7.1).



**LANGUAGE** To configure the language of the touch screen.



**FIRMW.** To display the firmware version of the touch screen keypad.



**RESET** To delete all the content of the touch screen keypad's memory. **Important!** – The function does not delete: the parameters contained in the control unit, the association of the touch screen with the control unit (see paragraph 5.4 - Programming the “Alarm system” instruction manual).

Select the desired item. To confirm, touch “OK”.

## 4 USING THE TOUCH SCREEN KEYPAD AS REMOTE CONTROL FOR AUTOMATION UNITS

The touch screen keypad can command the automation units of the Nice range (gates, doors, curtains, shutters, lights, etc.) compatible with the FLOR encoding (compatible with the Opera system), up to a maximum of 99 automation units.

Each of them can be assigned a specific name (e.g.: “Kitchen”), the category you wish the automation unit to belong to (e.g.: “Blinds”) and the commands to be associated (e.g.: “Up, Stop, Down”).

It is possible to define:

- **groups**: to command automation units of the same type at the same time;
- **scenarios**: to manage various automation units and alarm system;
- **timer**: for the automatic execution of groups or scenarios.

### 4.1 - Creating an automation unit in the touch screen

01. Turn on the touch screen keypad and touch the “Domotics” icon in the main screen  (fig. 6);
02. Touch the icon “Automations”  (fig. 7);
03. Scroll through the icons using the scroll bar to the side;
04. Touch  and then “Automations”;
05. In the appearing list select “Automation 01” and in the following screen (fig. 8) touch:
  - “Name” to write the name of the automation unit (e.g. “Entrance Gate”);
  - “Type” to select one of the three types the automation unit to be commanded belongs to (GATES - BLINDS - LIGHTS);
  - “Commands” to associate the commands envisaged for the automation unit to be commanded (STANDARD - CUSTOM 1 - CUSTOM 2).

The STANDARD function includes the preset default commands depending on the type of device to be managed, see **table 1**. The CUSTOM 1 and CUSTOM 2 functions let you customise 4 different commands to be associated with the automation units.

**TABLE 1**

Type	Command 1	Command 2	Command 3	Command 4
<b>Gates</b>	Step by Step	Open Partially	Open	Close
<b>Blinds</b>	Up	Stop	Down	Open Partially
<b>Lights</b>	On	Off	-	-

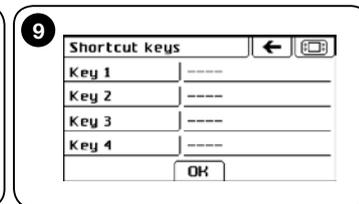
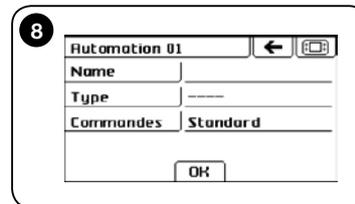
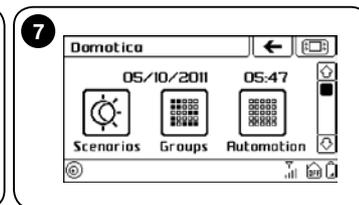
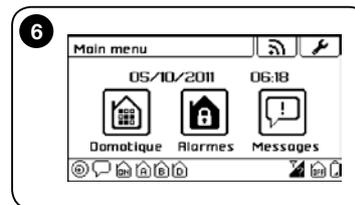
06. Confirm with “OK”.

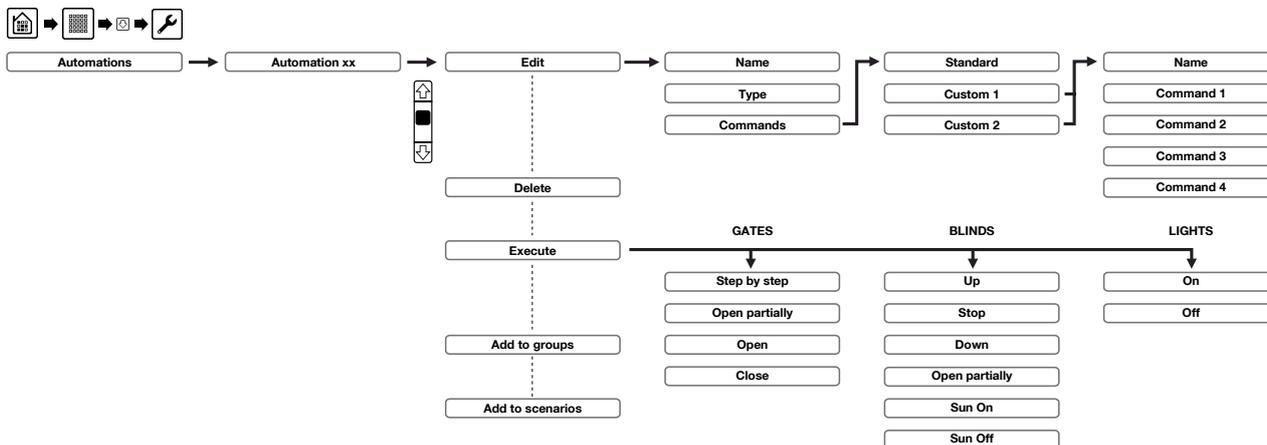
The one just created will be shown in the automation unit list.

Repeat the procedure to create the other automation units.

The automation units created until now will be available in the lists associated with the icons which characterise their type (fig. 9):

-  Automation unit list associated with the “Gates” type
-  Automation unit list associated with the “Blinds” type
-  Automation unit list associated with the “Lights” type





### Command customisation

Should you wish to set the commands with different names to those associated by default (Table 1), proceed as follows.

Follow procedure 4.1 up to choosing the command type, (05).

01. Select “**Commands**” and in the next screen select “**Custom 1**” or “**Custom 2**”;
02. In the following screen select “**Name**” and assign a title to the commands;
03. Select the 4 commands one by one and assign the name;
04. Confirm by pressing “**OK**”.

### Customise the commands of an automation unit previously entered

01. Select the automation unit to be customised and in the next screen press “**Edit**”;
02. Select “**Commands**” and in the next screen select “**Custom 1**” or “**Custom 2**”;
03. Name the 4 commands and confirm with “**OK**”.

**Caution** – Once the 4 commands for “Custom 1” or “Custom 2” are named, for the three types of automation unit, these will be available at each command configuration.

### Editing or deleting an automation unit

01. Select one of the programmed automation units;
02. To edit select “**Edit**” then resume from paragraph 4.1 paragraph 05;
03. To delete select “**Delete**” then confirm by selecting “**YES**” and pressing “**OK**”.

**Warning** – The procedure described does not delete the command stored in the automation but simply disables their transmission. To delete definitively, see the instruction manual of the receiver of the automation unit.

### Display or associate the automation unit to Groups or Scenarios

If groups or scenarios have already been created (if not see chapters 4.4 and

4.8), it is possible to check where the individual automation unit is associated with and add it or remove it if necessary.

### Groups

01. Select the automation unit to be associated;
02. Touch **"Add to groups"** and in the next screen the list of the groups is shown highlighting those where the automation unit has been entered;
03. Click on the name of the group to be associated or removed.

### Scenarios

01. Select the automation unit to be associated;
02. Touch **"Add to scenarios"** and in the next screen the list of the scenarios is shown highlighting those where the automation unit has been entered, and the related command to be carried out;
03. Click on the name of the scenario to be associated or removed;
04. Touch the box on the right of the name and associate the command to be carried out;
05. To delete the automation unit from the scenario select the command "----".

## 4.2 - Store a command in the receiver of the automation unit

After creating the automation unit in the touch screen, it is necessary to store the commands in the receiver of the automation unit to be commanded. Before proceeding, arrange the receiver for the storage of a command (for further information see the instruction manual of the receiver).

01. Turn on the touch screen keypad, touch the icon  and then the icon "Automations"  in the main screen;
02. Touch the icon of one of the 3 types of automation unit which the automation unit was assigned to (e.g. "Gates");
03. Scroll through the list and select the automation unit desired;
04. When requested by the procedure of the control unit of the automation unit, touch and hold pressed the requested command (to store in Mode I), or the command which you wish to transmit (to store in Mode II). The blue LED flashes to indicate the radio transmission underway.
05. Complete the storage as requested by the procedure of the control unit of the automation unit.

## 4.3 - Sending a command with the touch screen keypad

After creating and storing all the desired commands, the automation unit can be commanded as follows:

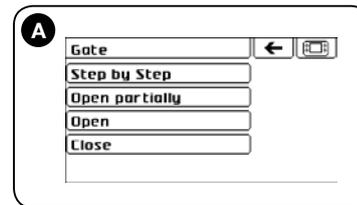
01. Turn on the touch screen keypad, touch the icon  and then the icon "Automation"  in the main screen;
02. Touch the icon of one of the 3 types of automation unit which the automation unit you wish to command was assigned to (**fig. 10**);
03. Scroll through the list and select the automation unit desired;
04. Touch the command to be sent. (The blue LED flashes to indicate the radio transmission underway).

It is also possible to send a command directly, using the shortcut keys (**fig. 2**) only if these have been previously programmed (see paragraph 4.12).

05. Click on the name of the group to be associated or removed.

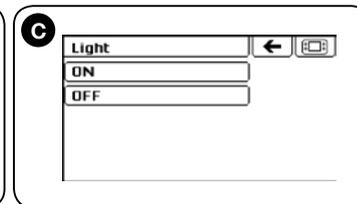
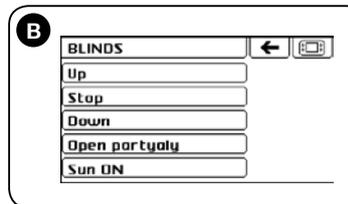
### Examples of screens for the sending of individual commands to the automation units:

A) - "Gate / garage door" type



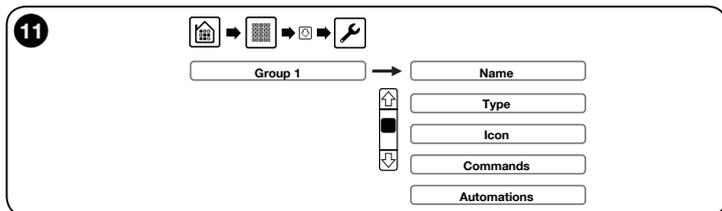
B) - "Window / rolling shutter / awning" type

C) - "Light / garden irrigation / etc." type



#### 4.4 - Creating a group on the touch screen keypad

Up to 10 groups can be configured to command automations of the same type. To configure one group proceed as follows:



01. Turn on the touch screen keypad, touch the (fig. 11) icon in the main screen and then the icon “Group” ;
02. Scroll through the icons using the scroll bar to the side;
03. Touch and select a group in the list. In this next screen, touch:
  - “Name” to enter the group name;
  - “Type” to select one of the three types which the automation units to be commanded belong to;
  - “Icon” to associate the icon to the group;
  - “Commands” to define which commands to use to command the STAND-ARD automation units (see **table 1**) - CUSTOM1 - CUSTOM2 (see paragraph 4.1 for the configuration);
  - “Automations” to select the automation units to be commanded.
04. Confirm with “OK”.

The icons associated with the groups just created will be available in the main screen “Groups”.

#### 4.5 - Editing or deleting a group

01. In the submenu “Groups” , touch and select the group;
02. Touch “Edit” and then resume from paragraph 4.4 - point 03;
03. To delete select “Delete” then confirm by selecting “YES” and pressing “OK”.

#### 4.6 - Sending a group command

01. Turn on the touch screen keypad, touch the icon and then the icon “Groups” in the main screen;
02. Touch the automation unit group icon you wish to control;
03. Scroll through the list to find the desired command and finally touch it to

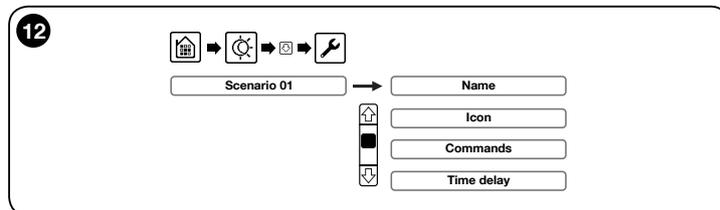
make the radio transmission (the blue LED flashes to indicate the transmission is in progress).

#### 4.7 - Disabling a group automation unit

01. Turn on the touch screen keypad, touch the icon and then the icon “Groups” in the main screen;
02. Scroll through the icons using the scroll bar to the side;
03. Touch , the group you wish to edit and then “Edit”;
04. With the arrow scroll through the screen and touch “Automations”;
05. Deselect the automation units you wish to eliminate from the group;
06. Confirm with “OK”.

#### 4.8 - Creating a scenario on the touch screen keypad

Up to 10 scenarios can be configured to control automation units of the Nice range (gates, doors, curtains, shutters, lights, etc.) and the alarm system. For the configuration, follow the steps below:



01. Turn on the touch screen keypad, touch the (fig. 12) icon and then icon in the main screen;
02. Scroll through the icons using the scroll bar to the side;
03. Touch and select a scenario in the list.
 

In the appearing screen, touch:

  - “Name” to enter the scenario name;
  - “Icon” to associate the icon to the scenario;
  - “Commands” to select a set of automation units with the relevant command to send.

The alarm system arming/disarming command can also be armed. For this it will be possible to also specify the zones to be armed/disarmed. **Caution** – if a scenario with alarm system arming/disarming command is activated, the access code is always required;

“Time delay” is the delay between the scenario selection (icon selec-

tion) and the actual execution of the commands of all the automation units associated with the scenario.

#### 04. Confirm with “OK”.

The icons associated with the scenarios just created will be available in the main screen “**Scenarios**”.

### 4.9 - Editing or deleting a scenario

01. In the submenu “**Scenarios**” , touch  and select the scenario;
02. To edit select “**Edit**” then resume from paragraph 4.8 - point 03;
03. To delete, select “**Delete**” then confirm by selecting “**YES**” and pressing “**OK**”.

### 4.10 - Disabling a command in a scenario

01. Turn on the touch screen keypad, touch the icon  and then the icon  in the main screen;
02. Touch , the scenario you wish to edit and then “**Edit**”;
03. In the appearing screen, touch “**Commands**”;
04. Touch the automation unit you wish to disable and select the empty box (----);
05. Confirm with “**OK**”.

### 4.11 - Running a scenario

01. Turn on the touch screen keypad, touch the icon  and then the icon  in the main screen;
02. Touch the icon of the scenario you wish to run.

If the scenario envisages the arming/disarming of an alarm, you will be asked to enter the access code.

### 4.12 - Programming the 4 shortcut keys

Each of the 4 shortcut keys (fig. 2-h) can be associated with a desired command out of those created.

01. Turn on the touch screen keypad, touch the icon  and the icon “**Automations**”  in the main screen;
02. Scroll through the icons using the scroll bar to the side;
03. Touch  and then “**Shortcut keys**”;
04. Select the key to be configured (fig. 13);
05. In the next screen touch:  
“**Type**” to select None, Scenario, Group or Automation Unit.

“**Name**” to select the command/ automation in the list of scenarios, group or automation units, respectively.

“**Command**” to select the specific command to be sent (*not available if a scenario had been selected previously*).

#### 06. Confirm with “OK”.

Repeat the procedure to create the other keys.

To edit, select the key once again and resume the configuration as stated above.

To delete, select the key and in the “**Type**” function, set “----”.

### 4.13 - Reset

Resynchronises the touchscreen with all the stored radio devices.

**Warning** - Operation to be performed only in case of radio communication anomalies.

01. Press the “**Reset**” button for 6 seconds;
02. Confirm with YES to complete or NO to exit.

### 4.14 - Executing automation units in automatic mode

Up to 10 timers can be configured to command automation units, scenarios and groups automatically (fig. 14).

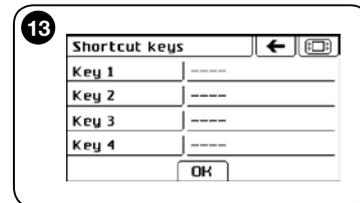
For the configuration, follow the steps below:

01. Turn on the touch screen keypad, touch the icon , scroll down and select the icon  in the main screen;
02. Select a timer in the list.  
In the screen (fig. 14), touch:

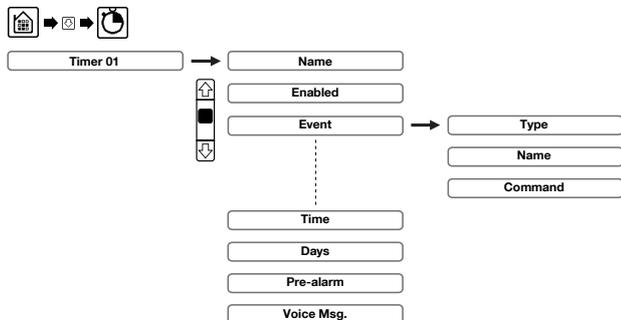
“**Name**” to write the name associated with the automatic execution;

“**Enabled**” to enable the automation unit execution;

“**Event**” to configure the automation, the scenario or the group to be commanded.



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In the next screen, set:

- “**Event Type**” to select Scenario, Group or Automation Unit;
- “**Name**” to write the name of the scenario, group or automation unit to run;
- “**Command**” to define the specific command to be sent for the type events: “**Group**” and “**Automations**”.

03. Confirm with “**OK**”.

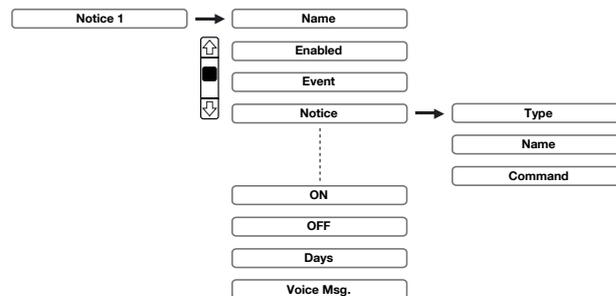
Then set:

- “**Time**” to define the event execution time;
- “**Days**” to define the event execution days;
- “**Pre-alarm**” to set the reminder time related to the event;
- “**Voice Msg**” to record a voice message that will be played as reminder.

04. Confirm with “**OK**”.

## 4.15 - Notice management

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This function is available only if the touch screen is associated with the alarm central unit HSCU2C or HSCU2GC (see paragraph 5.2) and if the function “Notice management” is enabled (see paragraph 5.2.2).

Up to 10 programmes can be managed which, depending on a certain event notified by the alarm control unit to the touch screen keypad, cause the execution of a scenario, an individual command or group of commands.

**Caution** – If this function is enabled, the touch screen with rechargeable batteries must be used with the HSTSA1 battery charger provided separately.

For the configuration, follow the steps below:

01. Turn on the touch screen keypad and touch the icon (fig. 15)  in the main screen;
02. Scroll through the icons using the scroll bar to the side ;
03. Touch the icon “**Notices**”  and select one from the list;
04. In the appearing screen, press the title of the field to be set (scroll through with the side arrows   to select the other fields to be set).

**Name:** to assign a name to the Notice;

**Enabled:** select “**YES**” to enable the Notice, “**NO**” to Disable it.

**Event:** enter the installer code or the user code and select the event to which the “Notice” is to be associated from table 2.

If the “**Open fixtures**” event is selected, a new window appears with the list of all the sensors acquired in the alarm system. Select the sensor to be associated.

**TABLE 2**

MESSAGE NO.	EVENT	DESCRIPTION
1	Alarm	GENERAL ALARM: generated by one of the detectors. Generated by a zone A-B-C-D-E-F
2	Tampering	TAMPERING ALARM: All tamper-proof devices can trip this alarm.
3	24H Panic	PANIC ALARM: alarm activated manually by the user via transmitter or keypad.
4	24H Technical	TECHNICAL ALARM: alarm activated by technical sensors (smoke, flooding, and others).
5	Pre-alarm	PRE-ALARM: status where an intrusion was detected but the sensor is set with intervention delay. Time needed by the user to deactivate the system without activating the sirens.
6	Detectors	Detection generated by a specific sensor even with the system is not armed.
7	Activated	Generates a notification when one or more partitions are activated.
8	Deactivated	Generates a notification when one or more partitions are deactivated.

**Notice** - Configuring the commands to be executed:  
**“Type”** select whether to run a scenario, a group or a single automation unit. (warning, the alarm system arming/disarming scenario cannot be run).  
**“Name”** in the appearing list, select the name of the scenario, group or individual automation unit to be run.  
**“Command”**, specify the command to be run, if you chose to run a Group or a single automation unit.  
 Confirm with **“OK”** to save and exit. **ON**: to define the activation start time for the event notice;  
**OFF**: to define the activation end time for the event notice;  
**Days**: to define the days of the week when the event notice is enabled;  
**Voice Msg.**: to associate a voice message that will be played by the touch screen at the time of executing the notice.

05. Confirm with **“OK”** to save and exit.

**To edit or delete a notice:**

- 06. Turn on the touch screen keypad, touch the icon  in the main screen, scroll through with  and select  to enter the **“Notice List”** menu;
- 07. Touch the **“Notice”** you wish to edit or delete;
- 08. To edit press **“Edit”** and resume from point 04;
- 09. To delete, press **“Delete”**, confirm by selecting **“YES”** and pressing **“OK”**.

**4.16 - Event log**

This function displays a report of the last 100 commands sent.

- 01. Turn on the touch screen keypad, touch the icon  in the main screen, scroll down and select the icon .
- 02. Scroll through with the arrows   to view the events.

a	b	c
07/12/2011	07:58:36	L
GATE	1 OPEN	
d	e	

**a** - date  
**b** - time  
**c** - command origin: **L** - Locally from the touch screen / **S** - SMS / **N** - Event notice  
**T** - Timer  
**d** - name of the automation unit, scenario, group or timer run  
**e** - name of the command sent

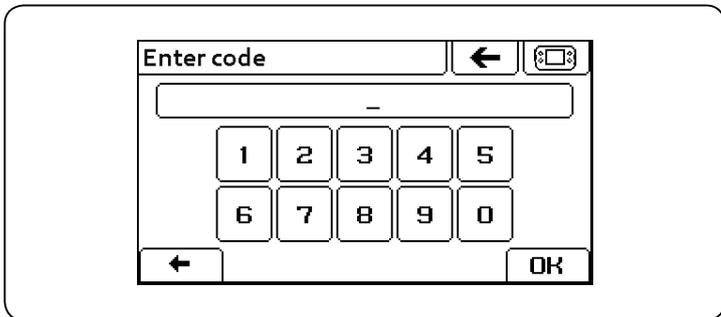
# 5 ALARM, USER MANAGEMENT

## 5.1 - Activating and deactivating the system



**ACTIVATION:** Switch on the touchscreen and press the icon .

In the following window, press the icon   
Enter your access code and confirm with .



Confirm again with  to activate all the zones associated with the access code, or click on the zones to be excluded then confirm with .

The control unit confirms the system's activation by visualising an appropriate message on the display, in addition to the time remaining for the user to exit without causing an accidental alarm.

If there are any Warnings or open doors/windows highlighted by the symbol , the touchscreen will show the list of messages. Select one then in the following window select:

- **ACTIVATE** and confirm with  to force the system's activation.
  - **CANCEL** and confirm with  to exit without activating the system.
- Close any open doors/windows and check the events memory. If the messa-

ges still appear, contact the installer.

**DEACTIVATION:** Switch on the touchscreen and press the icon .

In the following window, press the icon .

Enter your access code and confirm with .

The control unit will confirm the system's deactivation by visualising an appropriate message on the display. The system will only deactivate the zones associated with the access code.

The touchscreen display will visualise the system's status and the activated zones.

## 5.2 - Activation - Deactivation with transponder key

The system can be activated or deactivated using an appropriate HSB1 transponder key (supplied separately as an accessory), enabling the user to avoid entering the access code.



The transponder key reader activates whenever the touchscreen is switched on, and is visible through the icon  (the function will only activate if linked to at least one transponder key).

**ACTIVATION:** Switch on the touchscreen and place the transponder key near the lower left corner of the touchscreen. A beep will confirm the system's activation.

If the icon  does not appear, press the icon .

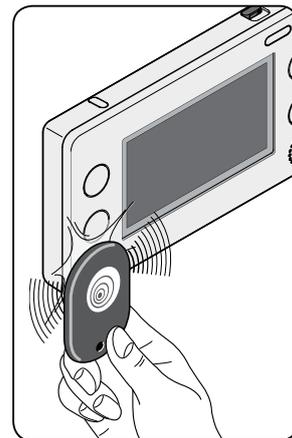
Scroll the window on the bottom and activate the transponder key reading function by selecting the relevant icon. .

The line on the bottom will show the key reader icon  as active.

If the icon does not appear, press the icon .

If there are any Warnings or open doors/windows highlighted by the symbol , the touchscreen will show the list of messages. Select one then in the following window select:

- **ACTIVATE** and confirm with  to force the system's activation.



- **CANCEL** and confirm with  to exit without activating the system. Close any open doors/windows and check the events memory. If the messages still appear, contact the installer.

**DEACTIVATION:** proceed in the same manner as for “activation”; once the system is activated, the new key reading will deactivate any associated zones.

### 5.3 - System status visualisation

Switching on the touchscreen display allows for viewing on the main window the **single zones activated**.

 system deactivated	 system activated
 zone A activated	 zone B activated....

The main window also includes information on the following:

- **GSM signal level**

 GSM dead zone	 GSM signal excellent
--	--

- **Touchscreen battery level**

 Battery charged	 Battery completely flat
--	---

The image  indicates an important warning. Check the events list and, if necessary, contact the installer if the message persists.

The images  and  indicate anomalies in the system’s operation. In this case, if the anomaly persists contact the installer.

### 5.4 - Deactivation of the alarm under threat (anti-coercion)

If the alarm is deactivated through the touchscreen keypads by entering the specific “anti-coercion” code, the alarm deactivates and, simultaneously, the specific telephone calls in case of theft are automatically dialled.

### 5.5 - Panic function

In case of emergency, it is possible to activate all the sirens and calls to the stored number by pressing the  button on the remote control (if enabled on

the control unit – verify with the installer), or by switching on the touchscreen and pressing the icon  and – on the next window – the icon  for roughly 2 seconds.

### 5.6 - Residual credit verification (only on versions HSCU2GC and HSCU2GW)

If a rechargeable SIM card is used, the residual credit can be checked directly from the touchscreen.

**01.** Enter the alarms menu by clicking on the icon . Scroll the icons by clicking on the arrow  and touch .

A message occupying the entire screen will appear with the text of the SMS received by the relevant telephone operator.

## 6 USING THE TOUCH SCREEN KEYPAD AS A VOICE ANSWERING MACHINE

The touch screen keypad has a voice answering machine which lets the user record and listen to the messages. This function is accessed directly from the main screen, by touching the icon .

### ***To record a new message:***

01. Turn on the touch screen keypad, touch the icon  and then "New"  in the main screen;
02. Assign the name to the new message to be recorded then touch "OK".
03. In the appearing screen, touch key  to start the recording; then at 30 to 50 cm from the touch keypad, read the message in a clear voice. At the end, touch  to stop the recording.
04. Finally:
  - touch  to listen to the message again;
  - touch  to save the message definitively;
  - touch  to delete the message. A new message can be recorded.

The symbol  in the status bar indicates the presence of new messages.

### ***To listen to a new message:***

01. Turn on the touch screen keypad, touch the icon  and then  in the main screen;
02. Scroll through the messages in the list and choose the one to listen to:
  - to listen to the message touch ;
  - touch  to delete the message.

When the new messages have been listened to, in the lower part of the main screen the symbol  disappears.

## 7 PRODUCT MAINTENANCE

The touch screen keypad does not need particular maintenance; in any case, you are advised to clean the surface of the product, using a slightly damp cloth; do not use detergents or solvents.

## 8 SUPPORT BASE

### 8.1 - Wall mounting

- Check that the surface on which the product is to be mounted is sufficiently robust.
- Do not install the support close to strong heat sources.

**01.** Mark on the wall the mounting points, drill holes, insert the screw anchors provided (**fig. 39 A**).

**02.** Fasten the support in place with the screws supplied (**fig. 39 B**).

**03.** Hook the support onto the wall and insert the touch screen (**fig. 39 C**).

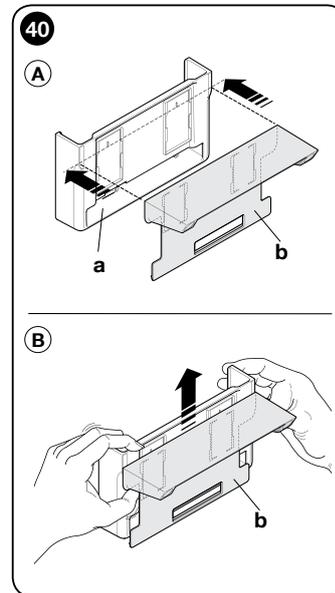
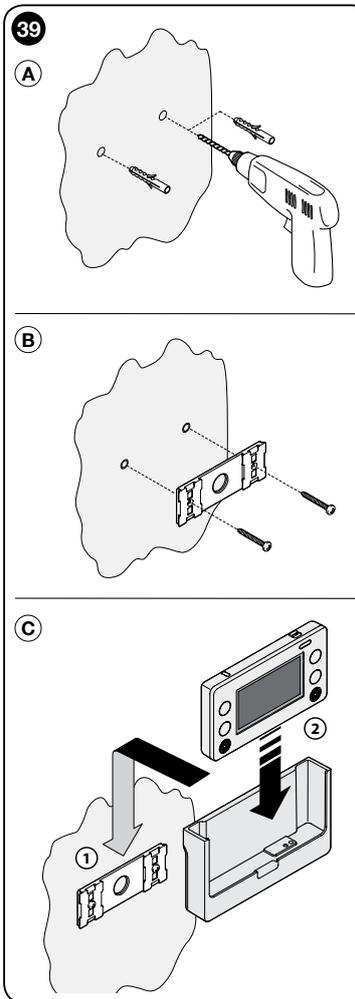
### 8.2 - Mounting on tabletop support

**Warnings** – Place the support on a flat surface where it will be protected against accidental falls.

Assemble the tabletop support:

**01.** Insert part (**b**) in the support (**a**) as shown in **fig. 40 A**.

**02.** Slide bracket upwards as shown in (**b**) **fig. 40 B**.



## 9 REPLACING THE BATTERIES

**Caution!** – Never use new battery models different from the specified version.

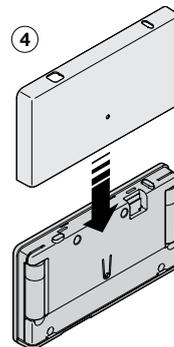
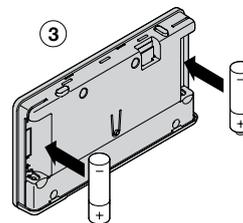
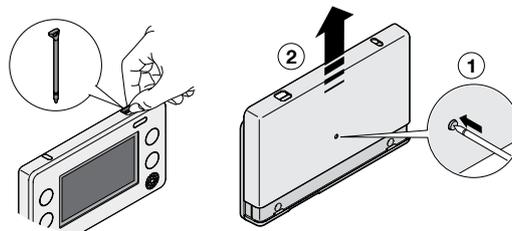
When the symbol  flashes and the red LED is on, this means that the batteries are almost discharged and should be replaced (or recharged, if rechargeable) as soon as possible. If they are completely dead, it is necessary to replace them (or recharge them) immediately. When batteries are partially discharged, the radio range between devices is reduced and system operation is not guaranteed. Replace the batteries to restore the regular function. Use 2 1.5 V batteries type AA.

- 01.** Open the cover (**fig. 41**); press on point 1 and then push the bottom upwards (point 2);
- 02.** Replace the batteries with 2 of the same type, observing the polarity shown;
- 03.** Close the lid.

### Disposal of batteries

**Caution!** – The batteries in the devices present in this alarm system, also if discharged, contain pollutant substances and therefore must not be disposed of as household waste. Dispose of according to “separate” waste collection methods as envisaged by current local standards.

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## PRODUCT DISPOSAL

**This product is an integral part of the automation system it controls and must be disposed of along with it.**

As in installation operations, at the end of the product's lifespan, disposal operations must be performed by qualified personnel.

The product is made of various types of materials: some of them may be recycled, while others must be scrapped. Find out about recycling and disposal systems in use in your area for this product category.

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

As indicated by the symbol appearing here, the product may not be disposed of with other household wastes. Separate the waste into categories for disposal, according to the methods established by current legislation in your area, or return the product to the retailer when purchasing a new version.

**Caution!** – Local legislation may impose heavy fines in the event of illegal disposal of this product.



## TECHNICAL SPECIFICATIONS

**HSTS2** is produced by Nice S.p.a. (TV) IT, **NICE** is owned by the NICE S.p.a. group.

**WARNINGS:** • All technical characteristics 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 products at any time when deemed necessary, maintaining the same intended use and functionality.

**Display:** 3.75" graphic (84 x 45 mm) with 240 x 128 points; mono coloured, back lit

**Input interface:** Touch screen + 4 function keys

**Power supply:** 2 1.5 V batteries type AA provided

**Autonomy:** on average greater than 1 year (depending on the intensity and type of use)

**Voice guide:** 150 pre-recorded sentences (available in the leading European languages)

**Audio:** built-in microphone and speaker

**Voice recorder:** 5 messages for 120 s in total (in addition to those in the control unit)

**Audio power:** 0.5 W speaker

**Transponder reader:** for HSB1 type "keys"

**Commands for automation units:** up to 99 commands

**Luminous signals:** 1 blue LED, 1 red-green LED

**Ports:** USB (micro USB) for power supply, battery recharge and firmware updating

**Radio transmission:**

- Communication with alarm control unit = digital Bidirectional 434,32 MHz
- Automation units = digital 433,92 MHz - FLOR

**Radio range:** 100 m in open field free of disturbance or approx. 20 m inside buildings

**Operating temperature:** from -10°C at +40°C

**Environmental class (in accordance with EN 50131-1):** I

**Certifications:** EN50131 Degree 1

**Dimensions (LxDxH):** 154 x 83 x 20 mm

**Weight:** 250 g.

## CE DECLARATION OF CONFORMITY

### Declaration in accordance with Directive 1999/5/EC

**Note** - The content of this declaration corresponds to the declaration made in the official document filed in the offices of Nice S.p.a., and particularly the latest version thereof available prior to the printing of this manual. The text herein has been re-edited for editorial purposes. A copy of the original declaration may be requested from Nice S.p.a. (TV) I.

**Declaration number:** 433/HSCU2

**Revision:** 1

**Language:** EN

The undersigned Mauro Sordini, as Managing Director of the company, hereby declares under his own responsibility that the product:

**Name of manufacturer:** NICE S.p.A.

**Address:** Via Pezza Alta 13, Z.I. Rustignè,  
31046 Oderzo (TV) Italy

**Type:** Touch screen keypad with wall-mounted support

**Models:** HSTS2

**Accessories:** HSTSA1, HSB1

Conforms to the essential requirements specified in article 3 of the following community directive, for the products' intended use:

- Directive 1999/5/CE OF THE EUROPEAN PARLIAMENT AND COUNCIL dated 9 March 1999 regarding radios and communications terminals and reciprocal recognition of their conformity in accordance with the following harmonized standards:
  - Protection of health (art. 3(1)(a)): EN 62479:2010
  - Electrical safety (art. 3(1)(a)): EN 60950-1:2006+A11:2009+A12:2011
  - 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 V2.4.1:2010, EN 300330-2 V.1.5.1.:2010

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

Furthermore, the product conforms to the provisions of the following EU directives:

- DIRECTIVE 2004/108/EEC 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 50130-4:1995+A1:1998+A2:2003

Oderzo, 4 april 2014

**Mr. Mauro Sordini**

(Managing Director)





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