

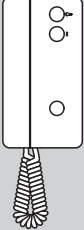
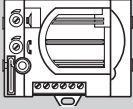
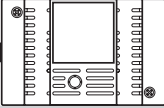
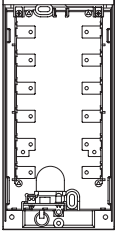
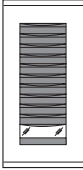
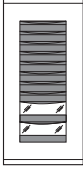
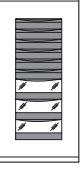
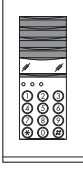


AGATA C200 UK

A/200N

TARGHA 200

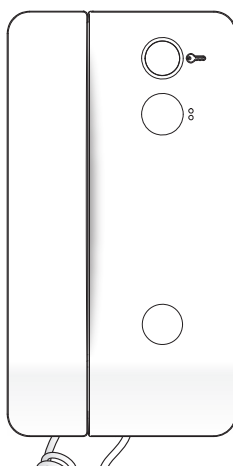
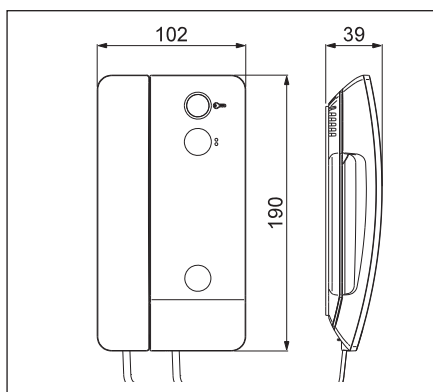
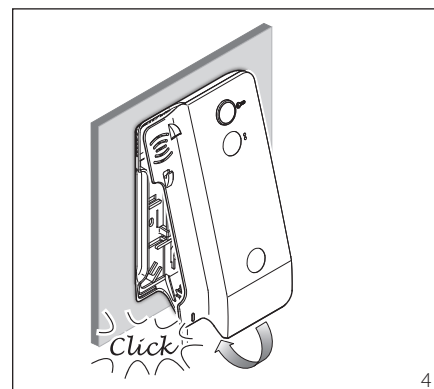
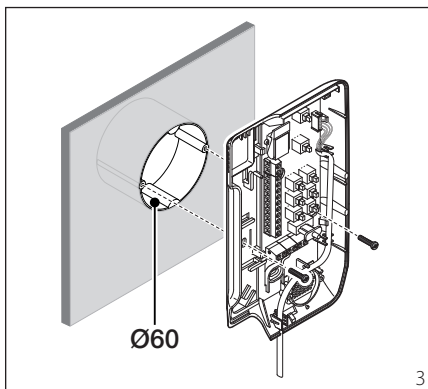
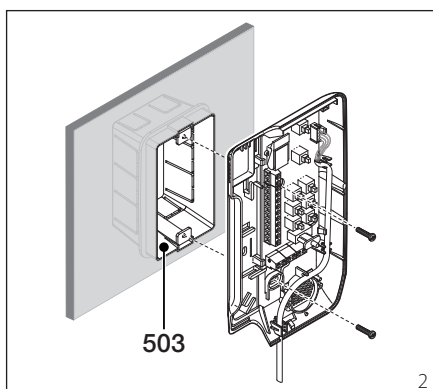
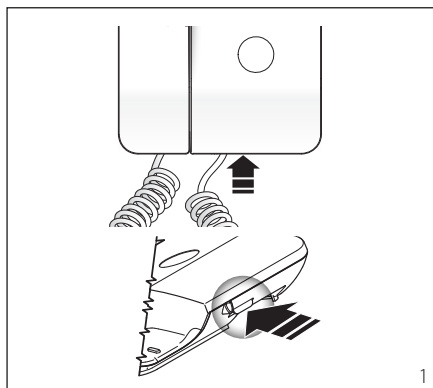
Installation Manual
AGATAKIT C 200 UK

 AGATA C200 UK  HA/200  A/200N	 HBP	 HPC/1	AGK200C03UK
		 HPC/2	AG2K200C03UK
		 HPC/3	AG3K200C03UK
		 HPC/1+HNA	AGK200C03HNA

AGATA C200 UK

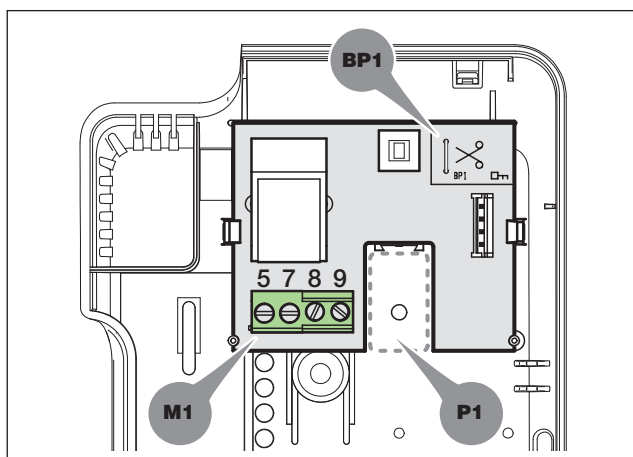
INSTALLATION

Open the device by pressing on the lever at the bottom (fig. 1). Separate the shell from the bottom of the device. Secure the bottom of the device to the wall box using the screws provided (fig. 2 and 3). The box must be installed at an appropriate height for the user. Avoid tightening the screws too much. Once all connections have been made, reattach the shell to the bottom of the device (fig. 4).



-  Door lock release
-  Auxiliary 2

i Only use soft, dry or slightly damp cloths to clean the terminal; do not use any chemical products.



Terminal boards

- M1**
- 5 Ground
- 7 Call input from entry panel
- 8 Audio FROM entry panel
- 9 Audio TO entry panel

BP1

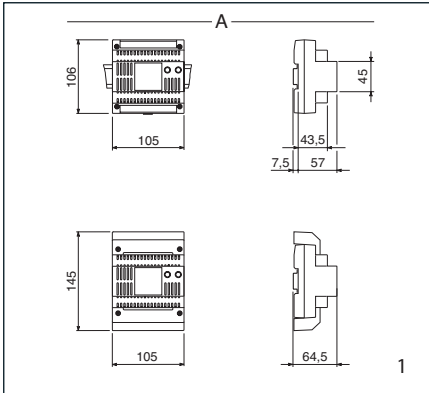
In order to make the door open (🚪) button active only when the receiver is up, cut the BP1 wire link.

P1

Optional AGATA P1 auxiliary function (⚙️) switch housing.

Technical features

Storage temperature	-25°C +70 °C
Operating temperature	+5°C +40°C
IP Degree	IP30



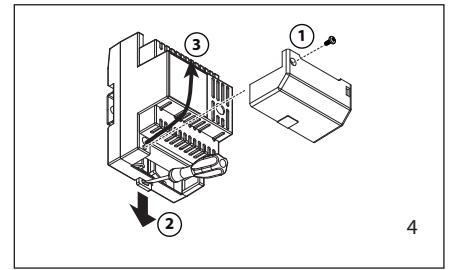
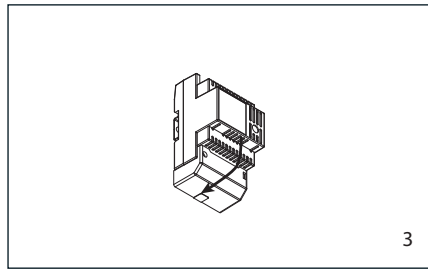
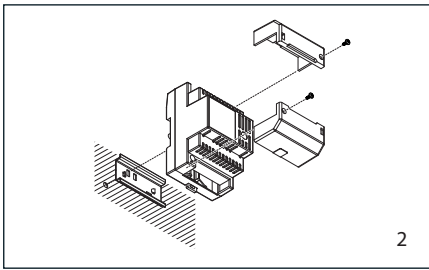
A/200N

INSTALLATION

• **The power supplier must ALWAYS be installed horizontally.**

- The device can be installed on a DIN rail (EN 50022) in an appropriate electric panel or it may be wall-mounted using the protective terminal covers.
- For disassembly, proceed as shown in figure 2-3-4.
- For the overall dimensions see figure 1.

NOTE. Proper ventilation is required if the power supplier is installed in a metal container.



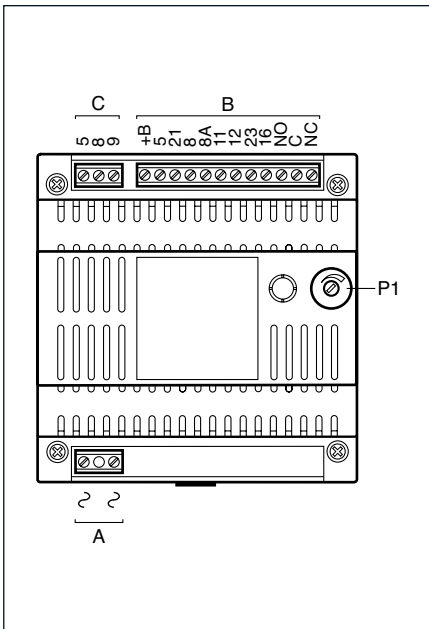
OPERATING CHARACTERISTICS

The unit is equipped with a transformer capable of powering the HPC/1 entry panel and max. 20 HPP/6 panels.

The unit features the following functions:

- 2 two-tone call notes for entry panels (or for supplementary calls, e. g. landing calls).
- Power supply and control of electric lock (12 V AC, 1 A) by means of relay (inside the unit) with timer-controlled interval adjustable from 2 to 15 seconds by means of potentiometer P1, figure 3.
- Call generator: 2 types of two-tone call (up to 3 internal units can be connected in parallel to the same call).

The unit can be powered from a 12 V DC power supply, e.g. battery or uninterruptable power supply (terminals +B and 5). The unit has no battery protection.



TERMINAL BOARDS

Section	Terminal	Description
A	~ ~	Mains
	+B	12 V DC input (*)
	5	Ground
	21	11 V DC output
	8	call common 1 output
	8A	call common 2 output
	11	audio from entry panel
	12	audio to entry panel
B	5 -	output 14 V AC
	6 +	
	NO	Normally open
	C	common
	NC	normally closed
C	5	ground
	8	Audio to receiver
	9	Audio from receiver

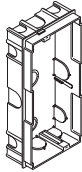
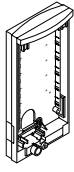
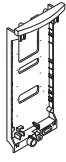











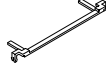
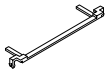
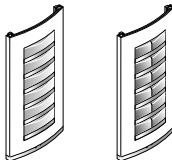
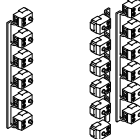
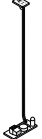
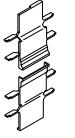
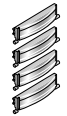
TECHNICAL FEATURES

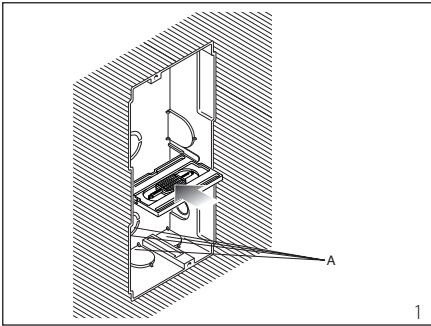
Supply voltage	230 VAC 50+60 Hz
Rated power	34 VA
Output voltages	11 VDC, 150 mA 14 VAC, 650 mA
Peak output voltages	300 mA
Operating output voltages	1A
Dimensions	4 DIN
Storage temperature	-25 °C +70 °C
Operating temperature	0 °C +35 °C
IP Degree	IP 30

(*) The appliance is electronically protected against overloads and short circuits.

TARGHA 200

ACCESSORIES

HTS		Embedding box	HBP		Surface housing
		Chassis			Hole plugs
		Cable guide joints			Cable guide joint
		Spacer			Joint
		Screws			Screws and anchors
KHPS		Button	KHPD		Buttons
		Micro-contact			Micro-contacts
		Button spring			Buttons spring
HPP/6 HPP/12D		Plate			
		Micro-contacts with common call			
		Lighting module			
		Cable-clamp plates			
		Hole plug			



RECESSED INSTALLATION

The embedding box HTS must be fitted flush with the wall at an appropriate height. Fit the spacer into embedding boxes to avoid deformation (fig. 1).

ATTENTION. To remove the microphone from its seat, pry it off its base using a small screwdriver (figure 2) taking care not to damage the cabling.

From the back-box, before inserting the microphone, remove the part shown using pliers as illustrated in figure 3. Insert the audio module at the top, near to the top moulding of the chassis (fig. 4). In those installations liable to be affected by the Larsen effect, the microphone can be fitted in a remote position, as indicated in figure 4. Apply the micro-contact (bottom right) in the relevant seat (fig. 5).

Remove the two plugs protecting the threaded holes in the embedding box and secure the chassis using the two screws supplied (fig. 6).

Perform the wiring. Insert the access control module at the bottom and fasten it using the screw provided (fig. 7).

WALL MOUNTING

Apply the two hole plugs at the base (fig. 8). Fit the embedding box HBP (3-module or round Ø 65mm version) flush with the wall at an appropriate height. In the case of video entry panels, the height should be such as to exploit the features of the camera to the full. Fasten the base onto the wall using the screws and screw anchors supplied (fig. 9).

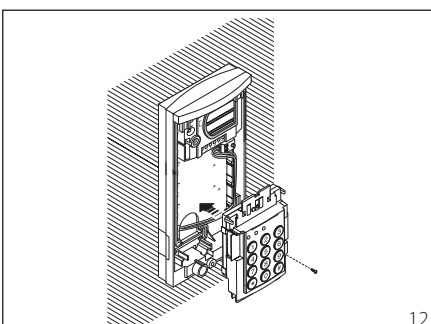
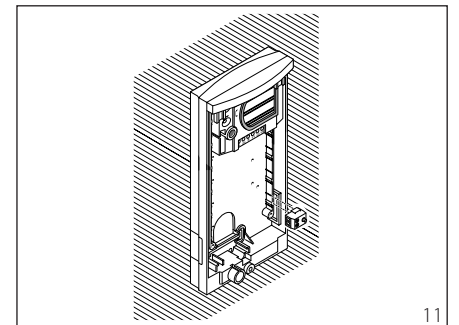
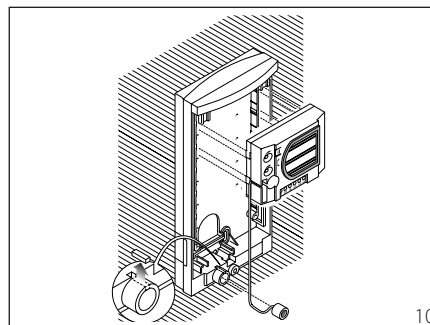
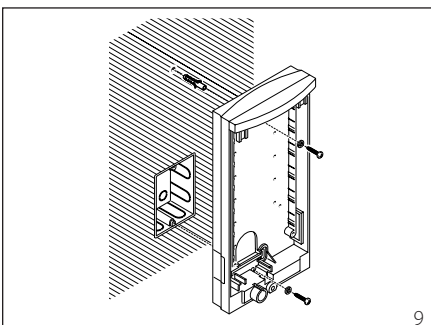
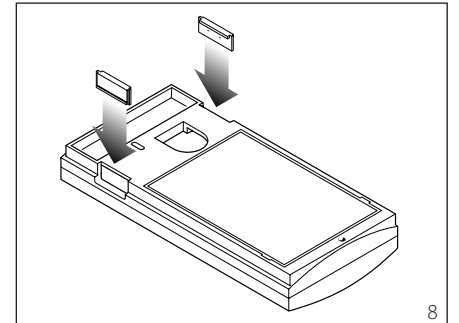
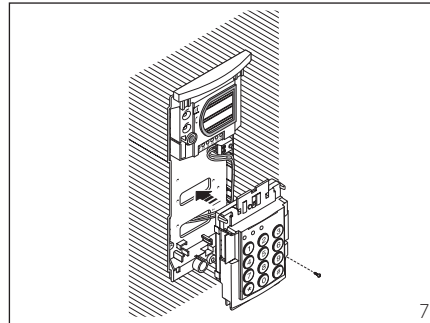
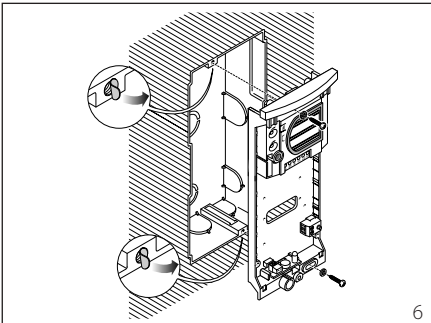
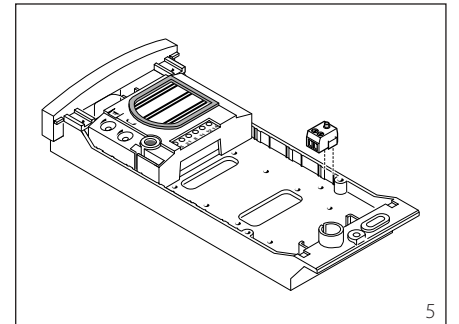
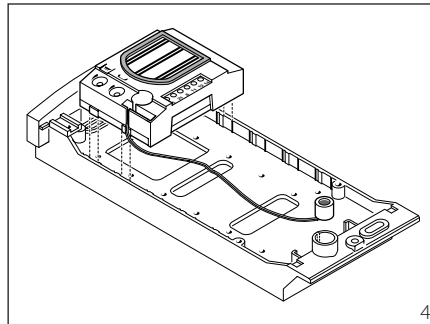
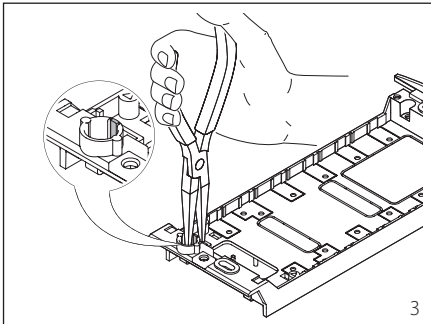
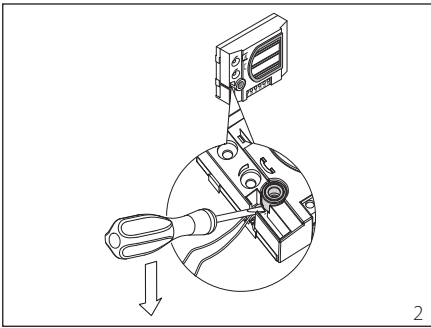
ATTENTION. To remove the microphone from its seat, pry it off its base using a small screwdriver (figure 3) taking care not to damage the cabling.

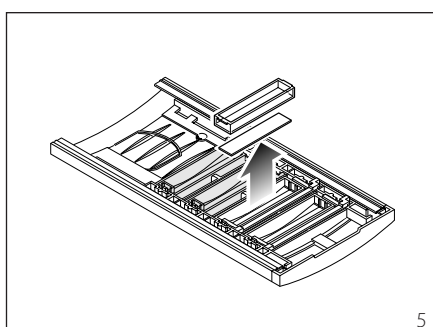
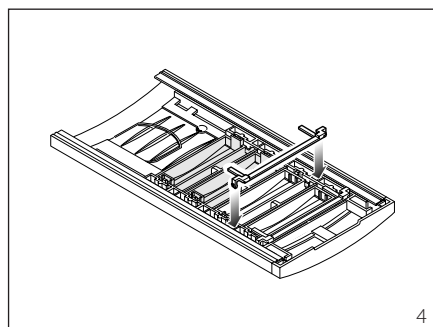
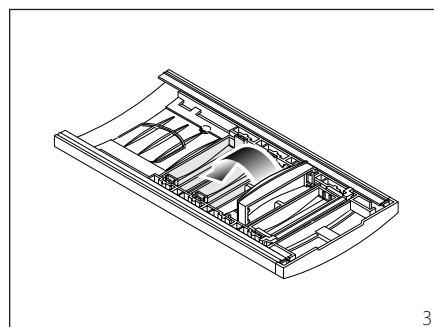
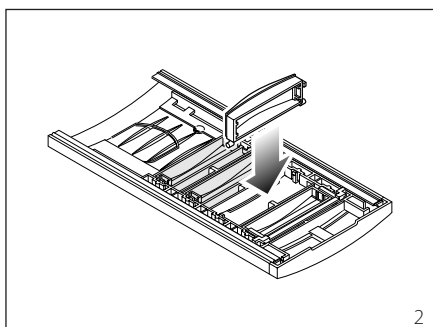
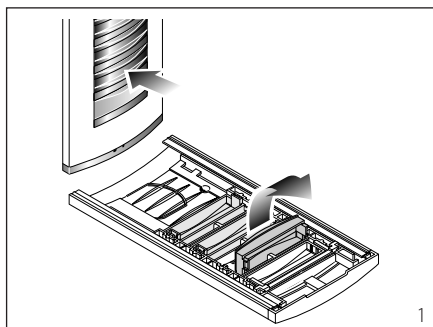
Insert the audio module at the top, near to the top moulding of the base (fig. 10).

In those installations liable to be affected by the Larsen effect, the microphone can be fitted in a remote position, as indicated in figure 10.

Apply the micro-contact (bottom right) in the relevant seat (fig. 11).

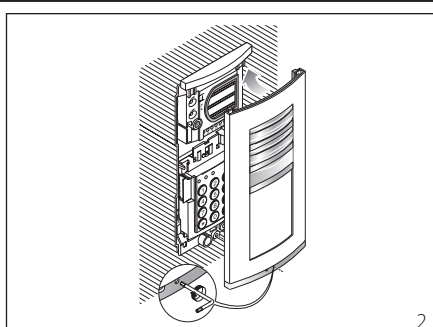
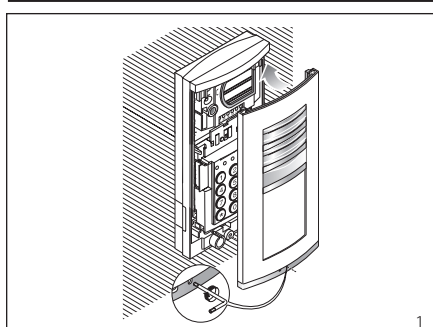
Perform the wiring. Insert the access control module at the bottom and fasten it using the screw provided (fig. 12).





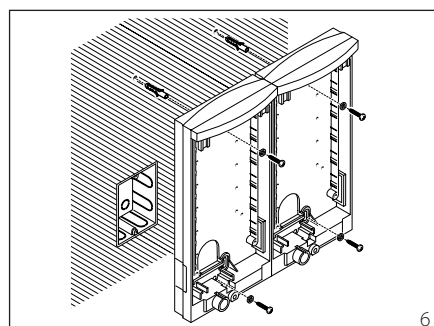
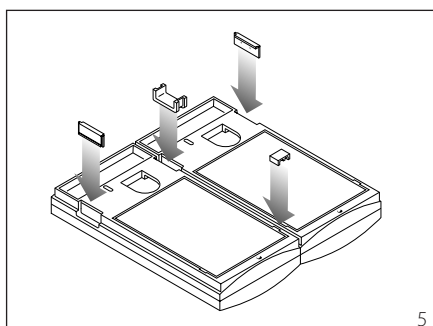
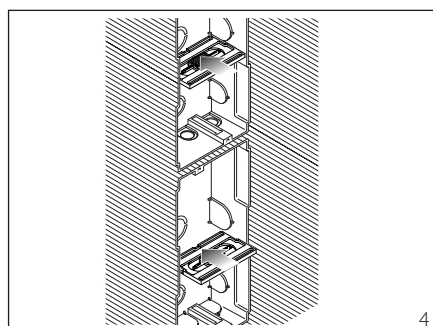
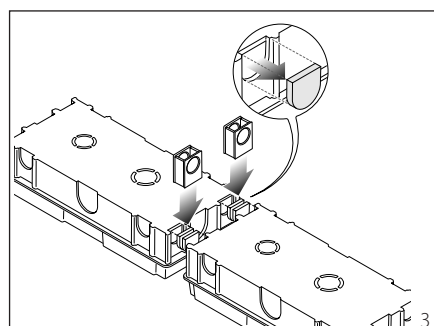
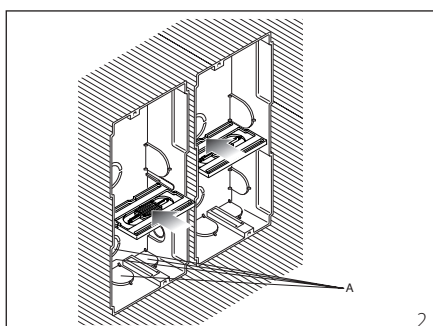
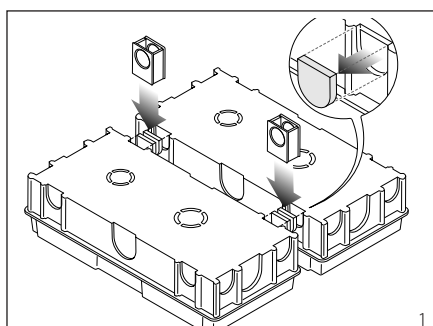
ASSEMBLY OF THE BUTTON

Push the front plate from the front to release the hole plug (fig. 1) and subsequently remove it. Insert the button as illustrated in fig. 2 and 3. Apply the spring to the button (fig. 4). The name card can be removed and filled in with the relevant information by removing the card clip followed by the actual card itself (fig. 5). Personalized name cards can be used up to a maximum of 2 mm thick.



CLOSURE OF THE COVER PLATE

In order to fit the front plate, first insert the upper part in the top moulding and then, using a Allenkey s 2.5, tighten the lock screw (fig. 1-2).



SIDE-BY-SIDE RECESSED INSTALLATION

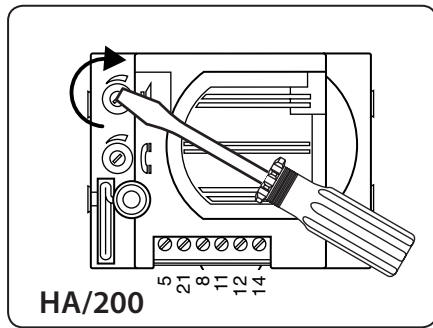
For horizontal (fig. 1-2) or vertical (fig. 3-4) combinations, remove the hole plugs and insert the cable guide joints. Fit the spacer into embedding boxes to avoid deformation (fig. 2-4).

SIDE-BY-SIDE WALL INSTALLATION

For horizontal combinations, insert the two hole plugs on the outside, at the bottom inside the cable guide joint and top inside the joint (fig. 5). Fasten the bases to the wall using the screws and screw anchors supplied (fig. 6).

Targha 200

TERMINAL FUNCTION



Adjustments	
	Loudspeaker audio
	Microphone audio

TECHNICAL FEATURES

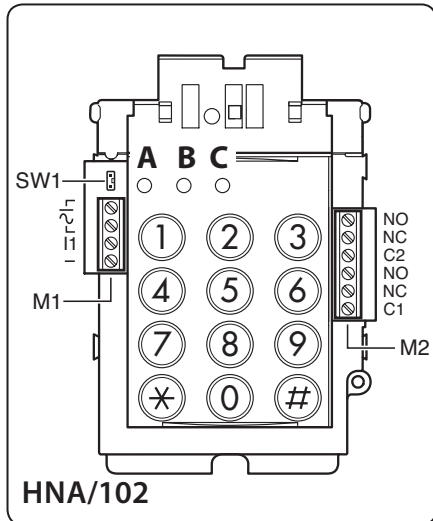
Power supply	12 VDC
Absorption	50 mA max (<35 stand-by)
Storage temperature	-25 °C +70 °C
Operating temperature	-15 °C +50 °C
IP Degree	IP 54

TERMINAL BOARDS

- 5 - 12 VDC
- 21 + Supply voltage
- 8 Common call (for witness note)
- 11 Audio to receiver
- 12 Audio from receiver
- 14 Enabling

NOTE. In installations which do not cater for the enabling control, terminal 14 can be connected to the earth (module always on) or terminal 12 (module on only when receiver is lifted).

HNA/102



Function

- ⊖=⊕ buttons for entering numerical codes and for programming
- ⊛ button for activating an alarm or bell
- ⊕ button for locking relays in active state
- A (green) three LEDs indicating status of module and functions in progress
- B (yellow)
- C (green)

TECHNICAL FEATURES

Power supply	12 ±16 VAC, 14±18 VDC
Approximate current demand with AC power supply	max. 260 mA (120 mA stand-by)
Approximate current demand with DC power supply	max. 180 mA (80 mA stand-by)
Working temperature range	-20 °C +50 °C

TERMINAL BOARDS

- M1 } 12 to 16V AC, 14 to 18V DC module power supply
- I1 input external contact
- ground
- C1 common contacts relay 1
- NC normally closed
- NO normally open
- M2 } C2 common contacts relay 2
- NC normally closed
- NO normally open

SW1

On: LEDs activated to light call buttons.
Off: LEDs are disabled (default setting).

TARGHA 200

OPERATING CHARACTERISTICS

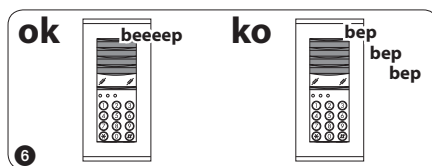
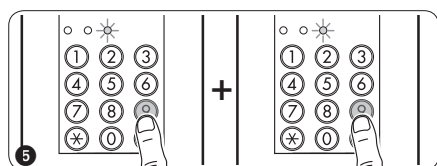
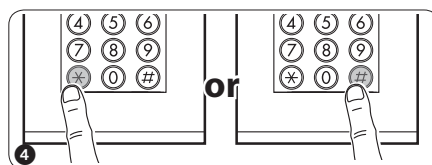
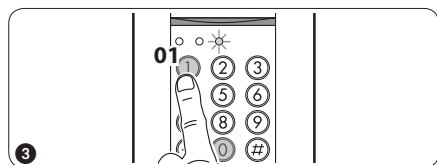
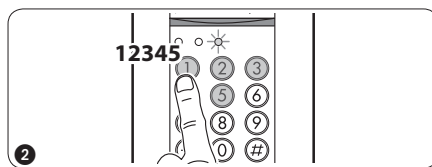
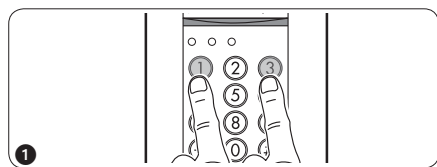
- a) Up to 100 user codes can be stored. Codes can be 3, 4 or 5 digits long, with values in the range 001 to 65535. Each code can be associated with one of the 2 relays.
- b) The module features 2 relays for facilities with the following operating features:
 - programmable activation time for each relay (in the range 1 to 65 s);
 - monostable or bistable mode for each relay;
 - option of locking relays in active state in monostable mode by pressing key ⊕ before the activation time is up (to disable, enter the code again);
 - option of associating relay 2 with an alarm or bell activation facility (function 09 must be enabled first).
- Activating the alarm:** the relay 2 is activated by pressing key ⊛ before entering your user code (see function 10 for disabling instructions). All user codes associated with relay 1 are enabled when the alarm is activated.
- Activating the bell:** the relay 2 is activated by simply pressing key ⊛ once. To prevent false alarms being sent, the option of associating usercodes with relay 2 is automatically inhibited.
- c) When a key is pressed, an audible signal is issued to confirm the various programming stages etc. as follows:
 - **key pressed** = short buzz;
 - **correct operation** = long buzz;
 - **incorrect operation** = three short buzzes.
- d) LEDs indicate the status of the module and functions in progress:
 - **green LED A**, suitably programmed, it can be:
 - an indicator associated with the audible signal,
 - disabled,
 - controlled by input I1.
 - **yellow LED B**, pulse = confirms facilities activated.
 - **green LED C**, always lit = in service, flashing = in programming mode.

- The LED lights 1 min after the unit has been powered (during which time, the unit can be reset).
- e) The keypad can be disabled indefinitely by entering a specific code, e.g. when you are away for some time (see **FUNCTION 12**).
- f) The keypad is locked out for a programmable time if, after entering 20 digits, no valid code has been entered (see **FUNCTION 07**).
- g) There is an input I1 for electric contact, which can be programmed to give it different functions: activates relay 1, enables tradesman mode, or controls green LED A (see **FUNCTION 11**).
- h) Tradesman mode: via this function, you can enable relay 1 only when contact I1 is closed to earth (with external timer) and only for user codes associated with facility 3 (see **FUNCTION 03**).
- i) Default settings can be restored using the RESET function (see resetting procedure). Stored user codes and the number of digits programmed are kept in the memory.

THE HNA/102 MODULE'S DEFAULT FACTORY SETTINGS

- PROGRAMMING CODE:** ①②③④ (5 digits).
- RESET CODE:** ⊛⊕ ①② not programmable;
- USER CODE on relay 1:** ②⑤⑧⑩.
- USER CODE on relay 2:** ③⑥⑨⑩.
- ACTIVATION TIME for relays activating facilities:** 5 s.
- ACTIVATION MODE for relays activating facilities:** monostable.
- NUMBER OF DIGITS for user codes:** 4.
- Keypad LOCKOUT TIME:** 10 s.
- BELL:** disabled.
- BELL TIME:** 3 s.
- ALARM:** disabled.
- KEYPAD:** enabled.
- INPUT FOR CONTACT I1:** controlled by relay 1.
- GREEN LED A:** disabled.

PROGRAMMING

**FUNCTION 01**

Editing the programming code (default setting 12345)

- 1- Enter FUNCTION CODE (01).
- 2- Enter the new PROGRAMMING CODE (5 digits).

FUNCTION 02

Editing the number of digits in the user code (default setting 4) (all user codes have the same number of digits)

- 1- Enter FUNCTION CODE (02).
- 2- Enter the NUMBER OF DIGITS (3 digits code, or 4 or 5 digits code).

FUNCTION 03

Adding a user code (default setting relay 1=2580, relay 2=3690)

- 1- Enter FUNCTION CODE (03).
- 2- Enter the number of the FACILITY to be programmed:
 - ① = activates relay 1,
 - ② = activates relay 2,
 - ③ = activates relay 1 in tradesman mode (see FUNCTION 11).
- 3- Enter the USER CODE.
- 4- Repeat the procedure from point 2) to enter another user code, select another function.

FUNCTION 04

Deleting a user code

- 1- Enter FUNCTION CODE (04).
- 2- Enter the USER CODE to be deleted.

FUNCTION 05

Deleting all user codes

- 1- Enter FUNCTION CODE (05).
- 2- Enter 0 (USERS DELETION CODE).

FUNCTION 06

Setting relay activation time for activating facilities (default setting 5 s)

- 1- Enter FUNCTION CODE (06).
- 2- Select the RELAY you want by entering ① or ②.
- 3- Enter ACTIVATION TIME in the range 01 to 65 s.
- 4- Repeat the procedure from point 2) to set the other relay's activation time or select another function.

FUNCTION 07

Setting keypad lockout time (default setting 10 s)

- 1- Enter FUNCTION CODE (07).
- 2- Enter LOCKOUT TIME in the range 01 to 65 s.

FUNCTION 08

Setting monostable or bistable mode for relays (default setting monostable)

- 1- Enter FUNCTION CODE (08).
- 2- Enter the FACILITY/RELAY you want (1 or 2 or 3).
 - ① = activates relay 1,
 - ② = activates relay 2,
 - ③ = activates relay 1 in tradesman mode.
- 3- Enter ACTIVATION MODE
 - 0 = BISTABLE,
 - 1 = MONOSTABLE.
- 3- Repeat the procedure from point 2) to set another relay, select another function.

FUNCTION 09

Enabling/disabling the alarm and bell (default setting both disabled)

- 1- Enter FUNCTION CODE (09).
- 2- Enter the mode:
 - 0 = BOTH DISABLED,
 - 1 = ALARM ENABLED,
 - 2 = BELL ENABLED.
- NOTE.** Enabling the alarm or bell disables relay 2's settings.

FUNCTION 10

Alarm reset

- 1- Enter FUNCTION CODE (10).

FUNCTION 11

Programming input I1 (default setting controls relay 1)

- 1- Enter FUNCTION CODE (11).
- 2- Enter:
 - 0 = controls relay 1,
 - 1 = enables tradesman mode (see functions on pag. 3, point h),
 - 2 = controls green LED A,
 - 3 = disabled.

FUNCTION 12

Enabling/disabling the keypad (default setting enabled)

- 1- Enter FUNCTION CODE (12).
- 2- Enter:
 - 0 = DISABLED,
 - 1 = ENABLED.

Entering and exiting programming

To enter programming mode, press keys ① and ③ at the same time ① and then enter the PROGRAMMING CODE (green LED C flashes) ②.

Enter the FUNCTION CODE to select the type of function ③.

Once entered the required data, it is possible select another type of function, exit any function selected by pressing * or # ④ other then exit programming mode by keying in 0 (in this case, green LED C stops flashing) ⑤.

Once the data required by the function have been entered, there is a long buzz if the operation is correct, or three short buzzes if it is incorrect ⑥.

FUNCTION 13

Programming green A

- 1- Enter FUNCTION CODE (13).
- 2- Enter:
 - 0 = DISABLED,
 - 1 = LIGHTS WHENEVER A BUTTON IS PRESSED.
- Note.** Programming is not enabled if the LED is already associated with input I1 (see function 11).

Module resetting procedure

To reset the module:

- 1 - Cut off power to the unit.
 - 2 - Restore power to the unit (green LED C is unlit) and enter the RESET CODE within 1 min of the unit being switched on.
- Note. Stored user codes and the number of digits programmed are kept in the memory.

DISPOSAL

Do not litter the environment with packing material: make sure it is disposed of according to the regulations in force in the country where the product is used.

When the equipment reaches the end of its life cycle, take measures to ensure it is not discarded in the environment.

The equipment must be disposed of in compliance with the regulations in force, recycling its component parts wherever possible.

Components that qualify as recyclable waste feature the relevant symbol and the material's abbreviation.





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