CLASSE 100 A12B
Handsfree internal unit

344252

Description

2 WIRE audio handsfree internal unit for wall mounted installation.
Keys available: auto-switching on / cycling, door lock release, staircase lights control, and handsfree connection.
Depending on the configurator connected to (M), the same keys will perform different functions (see the specific configuration section).
LED used for: call exclusion, door status, connection with the entrance panel.
Adjustments
for: speaker volume, and call tone volume/exclusion (16 different ringtones available).
For the installation to the wall, the bracket supplied must be used.

Related items
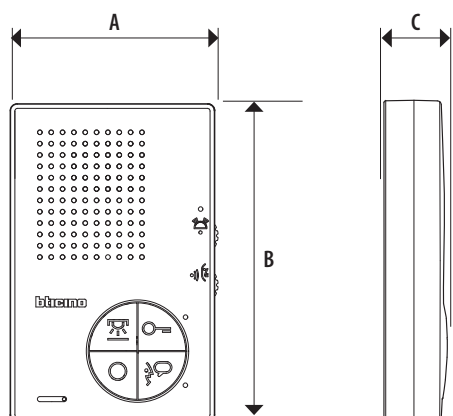
344552   Table top support

Technical data

Power supply from SCS BUS:	18 – 27 Vdc
Stand by absorption:	5 mA
Max. operating absorption:	55 mA
Operating temperature:	5 – 40 ℃

Dimensional data
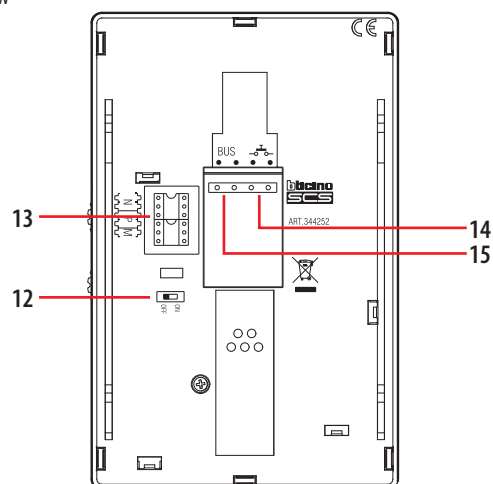
A	B	C
90 mm	140 mm	27 mm

Front view
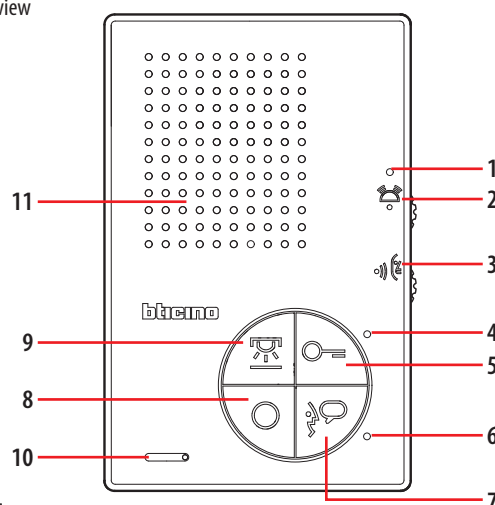
Rear view

Legend

1. Red LED for call exclusion notification
2. Bell volume adjustment/call exclusion
3. Incoming audio volume adjustment
4. Operating status two-colour red/green LED
5. Door lock key
6. Operating status two-colour red/green LED
7. Communication enabling/disabling key
8. Entrance panel/cycling key
9. Staircase light switching on key
10. Microphone
11. Loudspeaker
12. Line termination ON/OFF micro-switch
13. Configurator socket
14. Clamps for the connection of an external call to the floor pushbutton
15. 2 WIRE SCS/BUS connection clamps

Configuration

The device must be only physically configured.

N - handset number

The configurators connected to the N sockets of the device assign an identification number within the system to each handsfree internal unit. The handsets must be configured in progressive order. Handsets with parallel connection (max 3 are allowed inside the apartment without item 346850) must be configured with the same N configurator. Additional audio handsets, handsfree internal unit and/or bells can be installed in parallel to the basic handsfree internal unit.

P – entrance panel association

The configurators connected to the P sockets of the device identify the associated EP, which is the first entrance panel that switches itself on when the pushbutton is pressed the first time, as well as which door lock is activated when pressing the pushbutton while the handsfree internal unit is idle.

M – operating mode

The configurator connected to the M socket of the device assigns the operating modes to the 4 programmable keys based on the following indications.

Below are the various operating modes that can be assigned to the 4 programmable keys:
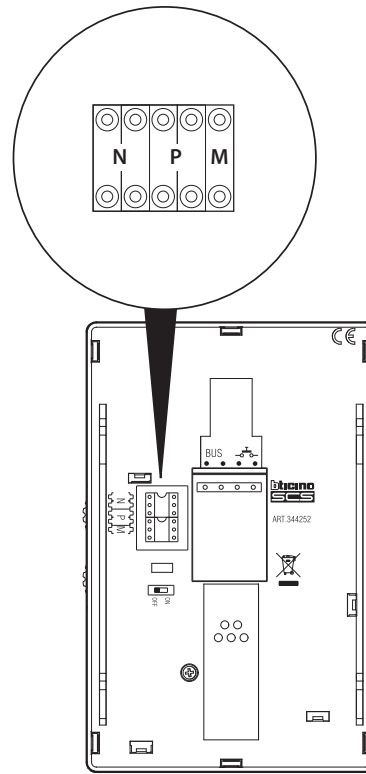
MODE	KEY	FUNCTION
M = 0 (with key tone active)		Activation of the EP (configured with the same P) directly without call. Cycling of EP and cameras installed in the system. Direct call to the switchboard, if present in the system.
		Audio enabling / disabling following a call.
		Direct EP door lock activation (EP configured with the same P), or activation of the EP door lock upon connection.
		Staircase light switching on.
M = 1 (with key tone active)		Activation of the EP (configured with the same P) directly without call. Cycling of EP and cameras installed in the system. Direct call to the switchboard, if present in the system.
		Audio enabling / disabling following a call.
		Direct EP door lock activation (EP configured with the same P), or activation of the EP door lock upon connection.
		EP door lock activation (EP configured with P+1), directly without call, or activation of an actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of a door lock actuator 346230 - 346260 (configured with P+1).

Configuration

MODE	KEY	FUNCTION
M = 2 (with key tone active)		Internal intercom. It sends the call to all the handsets with the same address.
		Audio enabling / disabling following a call.
		Direct EP door lock activation (EP configured with the same P), or activation of the EP door lock upon connection.
		Staircase light switching on.
M = 3 (with key tone active)		Activation of the EP (configured with the same P) directly without call. Cycling of EP and cameras installed in the system. Direct call to the switchboard, if present in the system.
		Audio enabling / disabling following a call.
		Direct EP door lock activation (EP configured with the same P), or activation of the EP door lock upon connection.
		Internal intercom. It sends the call to all the handsets with the same address.
M = 4 (with key tone active)		"PRESET INTERCOM" function with intercommunicating call to the Handset configured with N=1. From the system handsets it is possible to send an intercom call to the handset configured with N=1. The entrance panel configured with N=1 can intercom calls, but is UNABLE to send them.
		Audio enabling / disabling following a call.
		Direct EP door lock activation (EP configured with the same P), or activation of the EP door lock upon connection.
		Staircase light switching on.
M = 5		As M=0 but with key tone disabled
M = 6		As M=10 but with key tone disabled
M = 7		As M=2 but with key tone disabled
M = 8		As M=3 but with key tone disabled
M = 9		As M=4 but with key tone disabled

PUSH TO TALK function

If the entrance panel is in a particularly noisy position, during the conversation it will be possible to enable the "PUSH TO TALK" function, which will provide a better quality of communication.
To use the PUSH TO TALK function, during a conversation proceed as indicated below.

During a conversation press the conversation key for >2 minutes: the LED switches ON green, and communication from the handsfree internal unit to the entrance panel is established; when the communication key is released, the LED turns red and communication from the entrance panel to the handsfree internal unit is established. To terminate the conversation press and release the conversation key.

TIME-OUT and conversation times are respectively: 30" after the call, 1' after the start of the conversation.

Programming of bells

The handsfree internal unit offers the **possibility to select among 16 types of bells** with programmed ringtones, which can be freely associated to the following type of calls:

- Calls from the entrance panel (configured with S = 0);
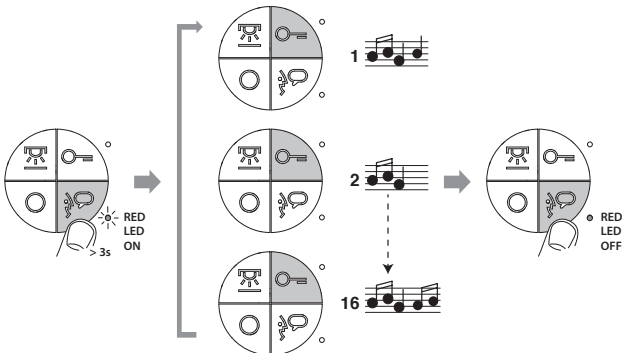- INTERCOM call;
- Floor call.

Selection of the call bells from the main EP (S = 0).
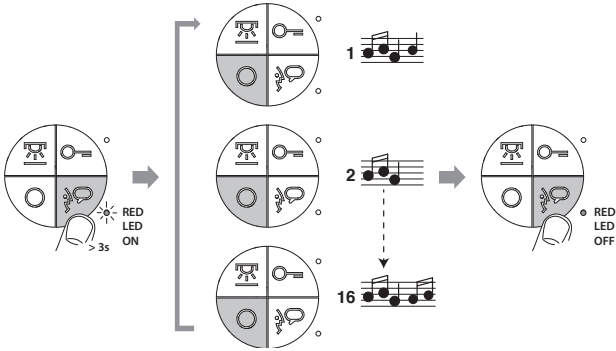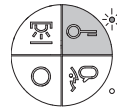

Preset intercom / intercom call bell selection.
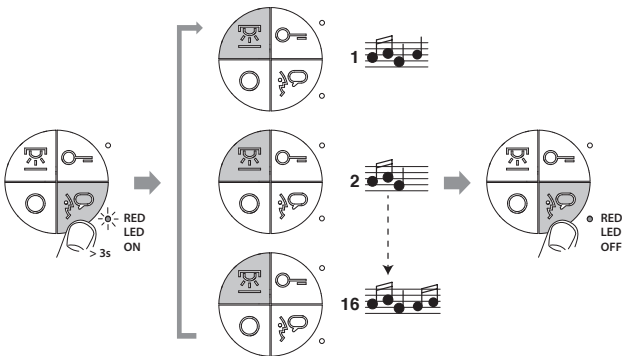
Floor call bell selection.

LED notifications

Door lock status and/or door status red LED notifications:

LED ON steady = door lock pushbutton pressed;

LED ON flashing = door open;

LED OFF = door closed.

NOTE: The door status function notifies the status of the door lock. If open the "LED door lock" flashes, and if closed, the LED stays off.
This function is only available in preset systems.

Operating status two-colour (red/green) LED notifications:

LED ON steady (green) = conversation active;

LED ON flashing (green) = call active or intercom call forwarded;

LED ON flashing (red) = programming procedure being performed.