CLASSE 100 A12M
Audio handset with 4 additional keys

344272

Description

2 WIRE audio handset for wall mounted or table-top installation (with specific support to be purchased separately). Keys available: door lock release, entrance panel/scrolling activation, staircase lights control and 4 configurable keys. Depending on the configurators connected to (M), the 4 configurable keys will perform different functions (e.g. Intercom, additional door lock activation, generic activations).
LEDs used for: call exclusion, door status, connection with the entrance panel. Bell volume adjustment (with call exclusion) using the appropriate selector. 16 different ringtones available
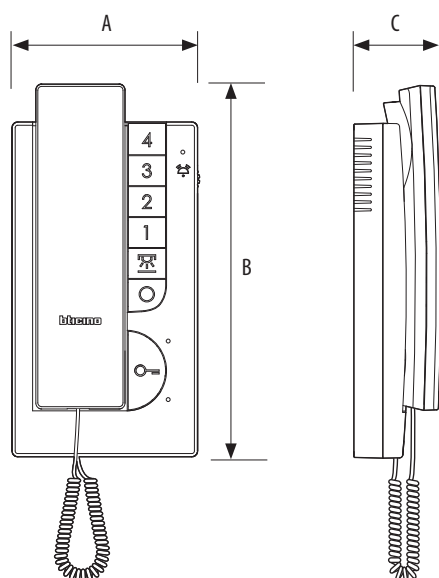For wall mounted installation, the bracket supplied must be used.
The device must be configured.

Related Items

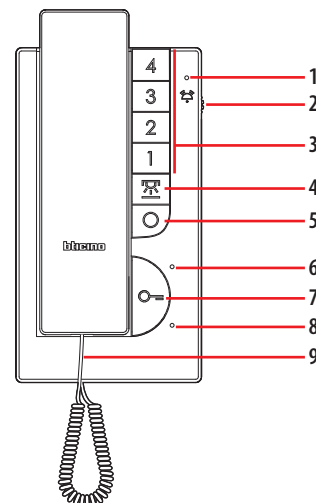344552   Support for table top installation

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
Stand by absorption: 5 mA
Max. operating absorption: 35 mA
Operating temperature: 5 – 45 ℃

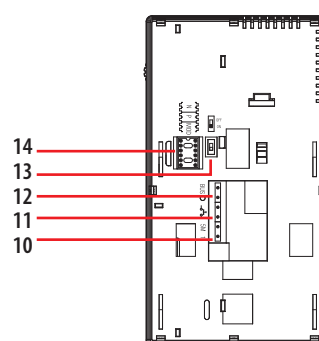## Dimensional data

A	B	C
95 mm	192 mm	45 mm

Front view

Rear view

Legend

1. Call exclusion notification red LED

2. Bell volume adjustment and exclusion

3. 4 Keys can be programmed (by configuration)

4. Staircase light control key

5. Entrance panel/scrolling activation key

6. Door lock activation and/or door status red LED

7. Door lock control key

8. Connection status green LED
    ON flashing = call active
    ON steady = conversation active

9. Cord that can be extended and connected with RJ connectors.

10. Clamps (1 - 5M) for the connection of the additional bell
    The connection must be point - point on the clamps of the additional bells.

11. Clamps ( ) for the connection of an external call to the floor pushbutton

12. 2 WIRE SCS/BUS connection clamps

13. Line termination ON/OFF micro-switch

14. Configurator socket

BT00815-b-EN   08/09/2014

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 handset. The handsets must be configured in progressive order. The handsets must be configured in progressive order.Handsets with parallel connection (max 3 are allowed inside apartments without item 346850) must be configured using the same N configurator. In parallel with the main handset, additional handsets and/or bells may be installed.
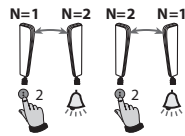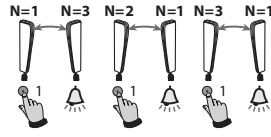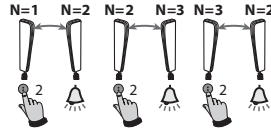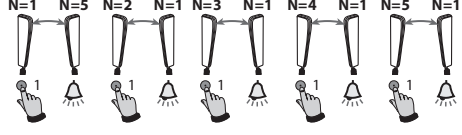
P – entrance panel association

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 door lock pushbutton while the handset is idle.

MOD– operating mode
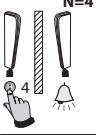
The configurators connected to the MOD sockets of the device assign the operating mode to the device keys based on the following indications.

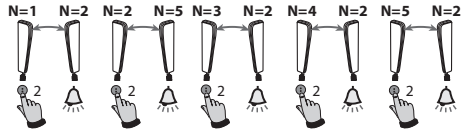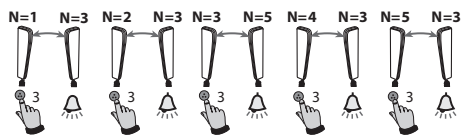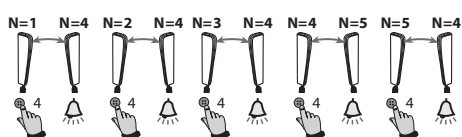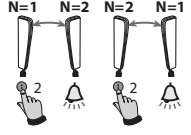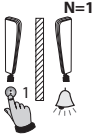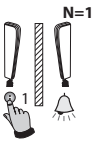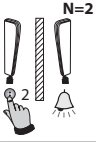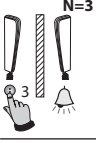| MODE	KEY	FUNCTION	NOTES
M = 00			
	1	**Internal intercom**. It sends the call to all the handsets with the same address.	
	2	**Activation of the EP** (configured with P+1) directly without call or activation of the actuator 346200 – 346210 (configured with P+1 and MOD=9)	
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	
M = 01			
	1	**Internal intercom**. It sends the call to all the handsets with the same address.	
	2	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=2 N=2 N=1
	3	**Activation of the EP** (configured with P+1) directly without call or activation of the actuator 346200 – 346210 (configured with P+1 and MOD=9)	
	4	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	

MODE	KEY	FUNCTION	NOTES
M = 02	1	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=3 N=2 N=1 N=3 N=1
	2	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=2 N=2 N=3 N=3 N=2
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	
M = 03	1	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=5 N=2 N=1 N=3 N=1 N=4 N=1 N=5 N=1
	2	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=2 N=2 N=5 N=3 N=2 N=4 N=2 N=5 N=2
	3	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=3 N=2 N=3 N=3 N=5 N=4 N=3 N=5 N=3
	4	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=4 N=2 N=4 N=3 N=4 N=4 N=5 N=5 N=4
M = 04	1	**Activation of the EP** (configured with P+1) directly without call or activation of the actuator 346200 – 346210 (configured with P+1 and MOD=9)	
	2	**Intercom** inside the apartment, in systems with apartment interface 346850, or **intercom** among apartments in systems without apartment interface.	N=1 N=2 N=2 N=1
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	

MODE	KEY	FUNCTION	NOTES
M = 05	1	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	2	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	
	3	**EP door lock release** (configured with P+3), directly without call, or activation of the actuator 346200 - 346210 (configured with P+3 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+3)	
	4	**EP door lock release** (configured with P+4), directly without call, or activation of the actuator 346200 - 346210 (configured with P+4 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+4)	
M = 06	1	**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= can intercom calls, but is unable to send them.	
	2	**Internal intercom.** It sends the call to all the handsets with the same address.	
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	
M = 10	1	**General intercom**, it sends the call to all the apartment devices, in systems with apartment interface 346850, or intercom towards all the apartment devices in systems without apartment interface 346850.	
	2	**Activation of the EP** (configured with P+1) directly without call or activation of the actuator 346200 – 346210 (configured with P+1 and MOD=9)	
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	
M = 12	1	**Intercom** among apartments in systems with apartment interface 346850	N=1
	2	**Intercom** among apartments in systems with apartment interface 346850	N=2
	3	**EP door lock release** (configured with P+1), directly without call, or activation of the actuator 346200 - 346210 (configured with P+1 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+1)	
	4	**EP door lock release** (configured with P+2), directly without call, or activation of the actuator 346200 - 346210 (configured with P+2 and MOD=5), or activation of door lock actuators 346230 - 346260 (configured with P+2)	

M = 13

|		
1	**Intercom** among apartments in systems with apartment interface 346850	N=1
2	**Intercom** among apartments in systems with apartment interface 346850	N=2
3	**Intercom** among apartments in systems with apartment interface 346850	N=3
4	**Intercom** among apartments in systems with apartment interface 346850	N=4

Other SPECIAL functions (e.g. office and paging), can be activated by configuring MOD in the following modes:

| Ⓐ			Ⓑ	Ⓒ	Ⓓ
0	0		20	40	80
1	0		30	50	90
0	1		21	41	81
0	2		22	42	82
1	2		32	52	92
0	3	20 = B	23	43	83
1	3	40 = C	33	53	93
0	4	+ 80 = D	24	44	84
0	5		25	45	85
0	6		26	46	86

Ⓐ Configuration selected for the operation of the keys (see previous pages)

Ⓑ Configuration selected for the operation of the keys + **OFFICE** function

Ⓒ Configuration selected for the operation of the keys + **PAGING** function

Ⓓ Configuration selected for the operation of the keys, **OFFICE and PAGING** function
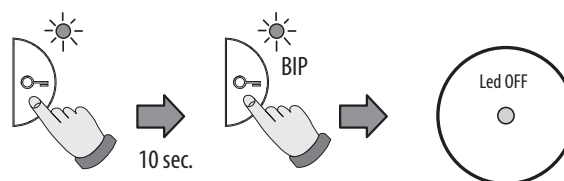
OFFICE function

With the function active, when a call is received from the entrance panel, the video handset rings and the associated door lock is automatically released, without the need for pressing the door lock release key on the handset.
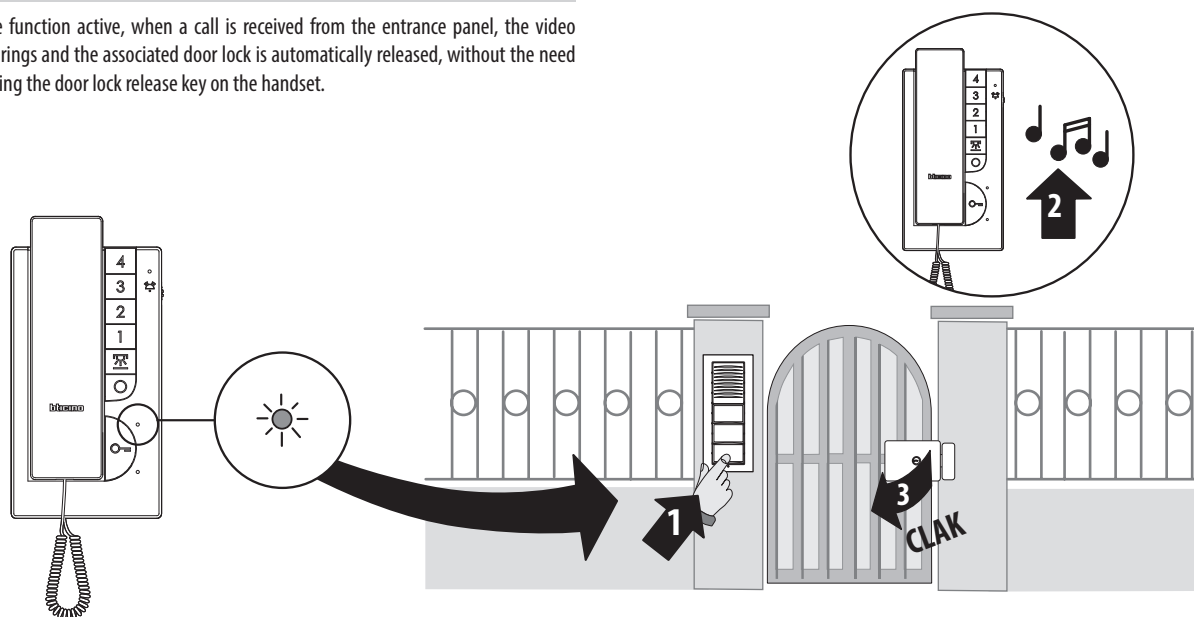
To ACTIVATE the function
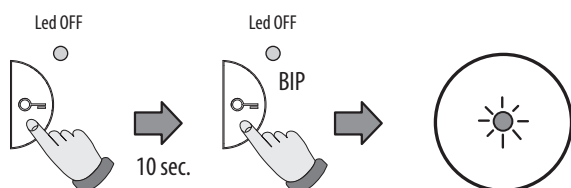
To DEACTIVATE the function

PAGING function

This function can be used to send voice messages using the microphone of the device through the speakers of the sound system. Press the key (4) as follows to activate:
- with attached handset, press the key (4) to activate the basic function set by the mode
- with detached handset, press the key (4) to activate the advanced paging function (Green LED ON)
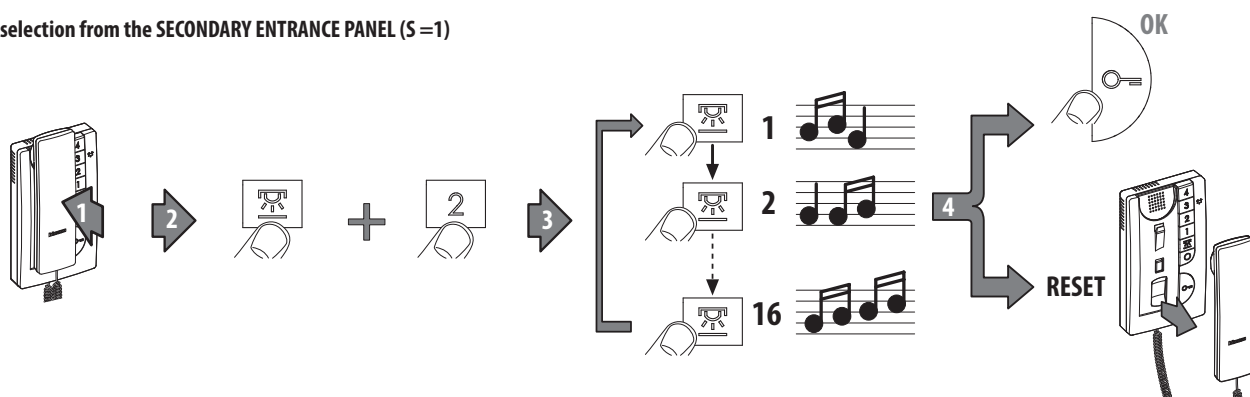
DOOR STATUS function

This function notifies the status of the door lock. If open the "LED door lock" of the handset flashes, and if closed, the LED stays off. WARNING: the function can only be activated if required by the system - accessory devices are required. **CANNOT BE ACTIVATED together with the OFFICE function.**
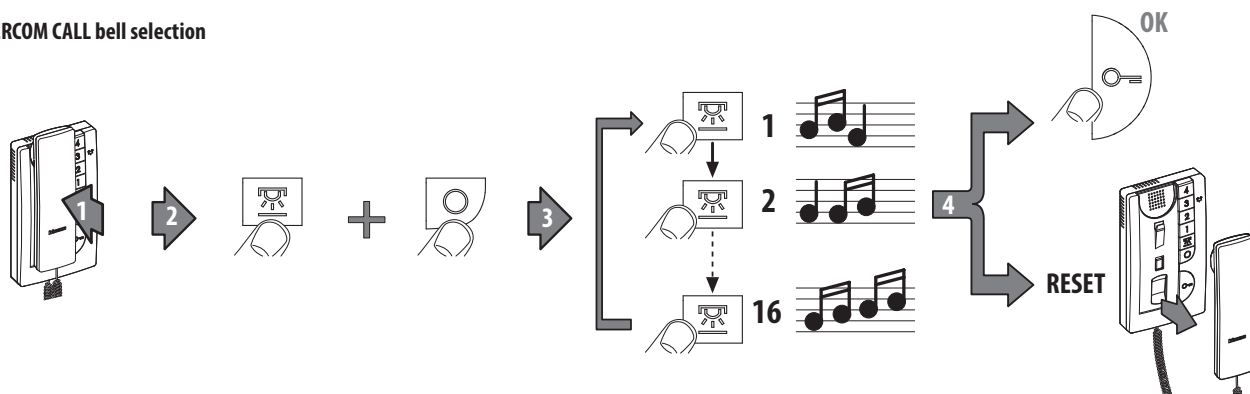
Bell programming
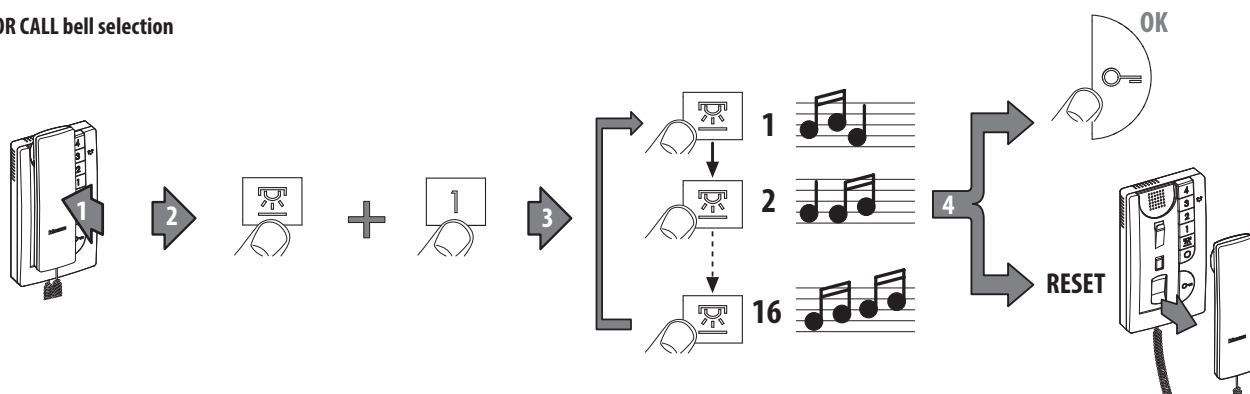
Bell selection from the MAIN ENTRANCE PANEL (S =0)
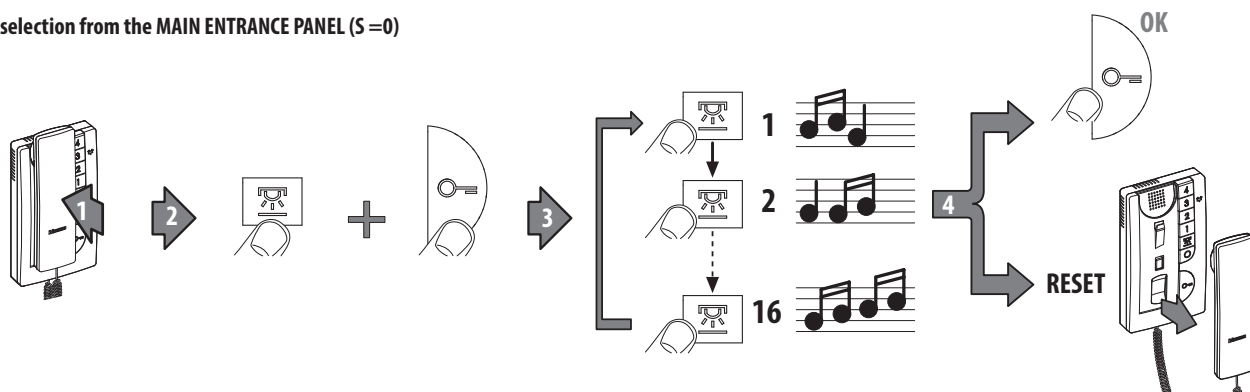
Bell selection from the SECONDARY ENTRANCE PANEL (S =1)

INTERCOM CALL bell selection

FLOOR CALL bell selection

LED notifications

LED ON steady = bell excluded

LED ON steady = door lock pushbutton pressed
LED ON flashing = door open
LED OFF = door closed

LED ON flashing = call active
LED ON steady = conversation active