

CLASSE 100 V12E**344522****Handsfree video handset with Inductive loop****Description**

2 WIRE handsfree colour video handset with inductive loop, preset for different types of installations, depending on the accessories used: wall mounted, flush mounted, table mounted, with side-by-side handset receiver, and tilted, both when wall mounted and when flush mounted.

It has a 4.3" (16:9) colour LCD display. Keys available: auto-switching on / cycling, door lock release, staircase lights control, handsfree connection and 4 configurable keys.

Depending on the configurators connected to (M), the 4 configurable keys will perform different functions (see the specific configuration section).

LEDs used for: call exclusion, door status, connection with the entrance panel. Volume and call exclusion, colour, brightness and contrast of the display, are adjusted using the navigation menu with the appropriate rocker keys. 16 different ringtones available.

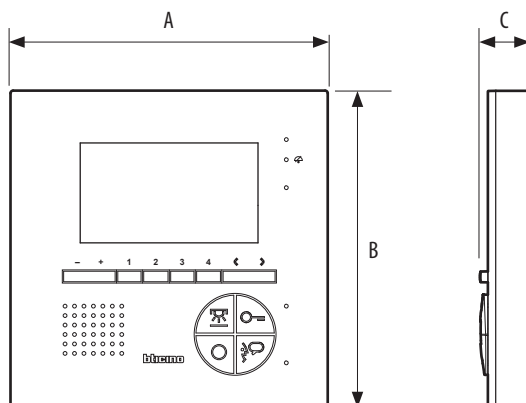
For wall mounted installation, the bracket supplied must be used. For all other types of installation, the appropriate accessories must be purchased separately. The device must be configured.

Related Items

- 344572 Flush mounted installation accessory
- 344562 Accessory for tilted flush mounted installation
- 344592 Accessory for tilted wall mounted installation
- 344582 Wall mounted handset installation accessory
- 344552 Support for table top installation

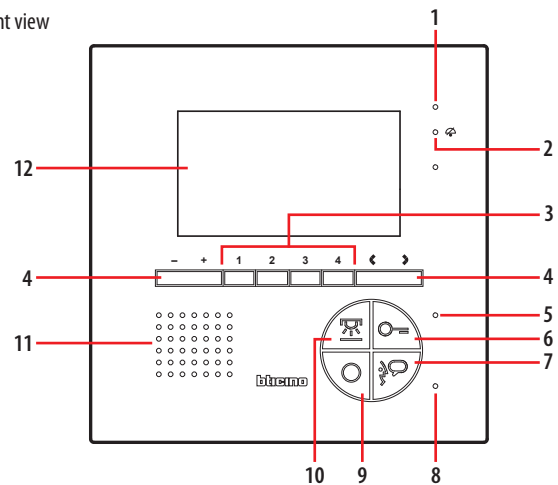
Technical data

Power supply from SCS BUS:	18 – 27 Vdc
Stand by absorption:	8.5 mA
Max. operating absorption:	290 mA
Operating temperature:	5 – 40 °C

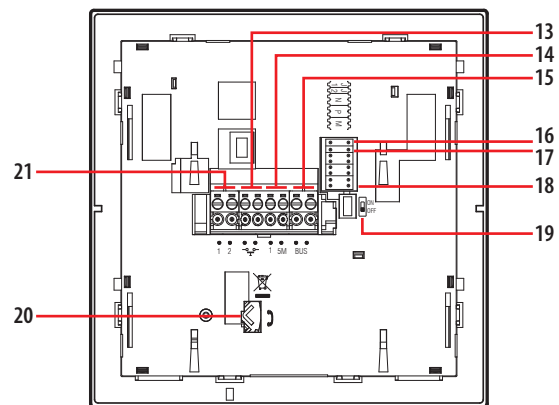
Dimensional data

A	B	C
171 mm	171 mm	27 mm

Front view



Rear view

**Legend**

1. Microphone
2. Call exclusion notification red LED
3. Keys can be programmed by configuration
4. Rocker keys (< >) and (+ -) for access and navigation of adjustment menu
5. Door lock activation and/or door status red LED
6. Door lock control key
7. Communication enabling/disabling key
8. Operating status two-colour red/green LED
9. Entrance panel/scrolling activation key
10. Staircase light control key
11. Loudspeaker
12. 4.3" (16:9) colour LCD display
13. Clamps () for the connection of an external call to the floor pushbutton
14. Additional bell connection clamps (1 - 5M)
The connection must be point - point on the clamps of the additional bells
15. 2 WIRE SCS/BUS connection clamps
16. Configurator socket (JMP - J1) to enable the additional power supply
(remove to enable additional power supply)
17. MASTER/SLAVE (JMP - J2) configurator socket (remove for SLAVE)
18. Configurator socket
19. Line termination ON/OFF micro-switch
20. Connector for the connection of the 344582 handset accessory
21. Additional power supply connection clamps (1 - 2)

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 video handset. 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 video handset, additional handsets, video 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 push-button while the video handset is idle.

M – operating mode

The configurators connected to the M socket of the device assign the operating modes to the 4 programmable keys (1 - 2 - 3 - 4) based on the following indications.

J1 – additional power supply

The JMP configurator in J1 is used to enable/disable the additional power supply according to the following mode:

J1 CONNECTED = Additional power supply disabled

J1 DISCONNECTED = Additional power supply enabled


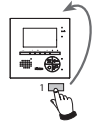




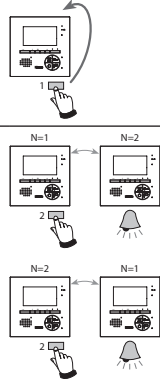



J2 - MASTER/SLAVE function


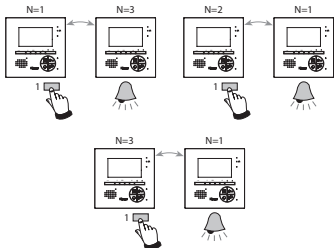

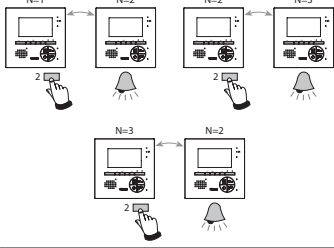


The JMP configurator in J2 is used to activate/deactivate the MASTER / SLAVE function according to the following mode:


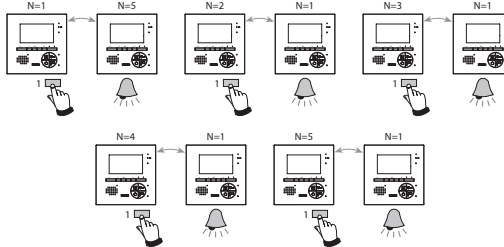

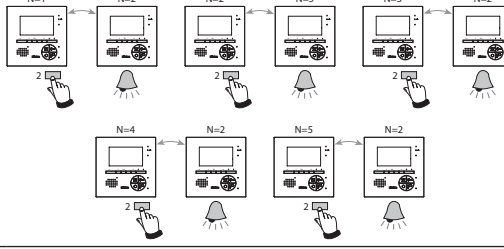

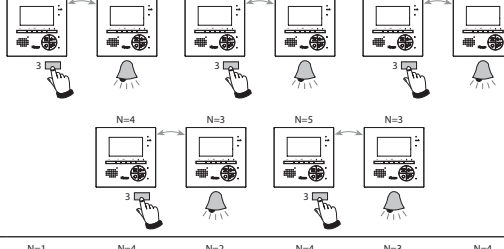

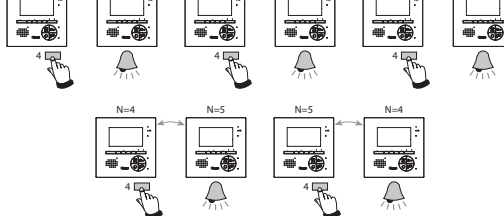
J2 CONNECTED = MASTER



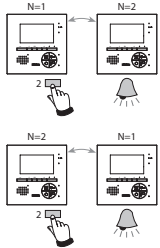















J2 DISCONNECTED = SLAVE

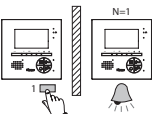
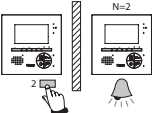
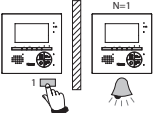
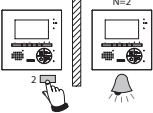
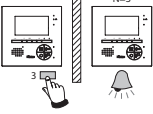
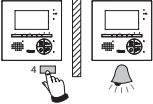
The different operating modes of the 4 programmable keys are indicated below:

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.	
	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		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	
		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	
		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)	
		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		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	
		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	
		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	
		Intercom inside the apartment, in systems with apartment interface 346850, or intercom among apartments in systems without apartment interface.	

MODE	KEY	FUNCTION	NOTES
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.	
	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 = 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 handsets of the system.	
	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)	

MODE	KEY	FUNCTION	NOTES
M = 12	1	Intercom among apartments in systems with apartment interface 346850	
	2	Intercom among apartments in systems with apartment interface 346850	
	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	
	2	Intercom among apartments in systems with apartment interface 346850	
	3	Intercom among apartments in systems with apartment interface 346850	
	4	Intercom among apartments in systems with apartment interface 346850	

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

A			B	C	D
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		23	43	83
1	3		33	53	93
0	4		24	44	84
0	5		25	45	85
0	6		26	46	86

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

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

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

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

OFFICE function

When preset using the appropriate configuration, the OFFICE function appears on the on-screen menu and can be enabled/disabled using the appropriate rocker keys. With the function active, when a call is received from the entrance panel, the video handset rings and the associated door lock is automatically activated, without the need for pressing the door lock control key of the device.

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.**

PAGING function

This function, if preset by an appropriate configuration and activated, can be used to send voice messages using the microphone of the device through the speakers of the sound system. To activate briefly press the "Connection" key while the device is in the idle condition. The activation of the function is confirmed by the green LED coming on. To **DISABLE** the function press the "Connection" key again.

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. During the conversation it will be possible to enable the function as follows:

- Press the connection key for at least 2 seconds, to enable the communication with the entrance panel.

The LED stays green.

- Release the key to listen to the entrance panel. The LED turns red.

- To end the connection press the Connection key briefly.

The LED will turn off.

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 for 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;

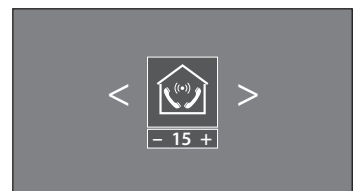
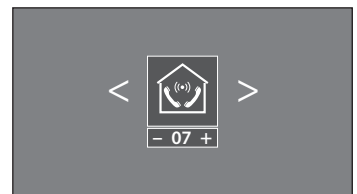
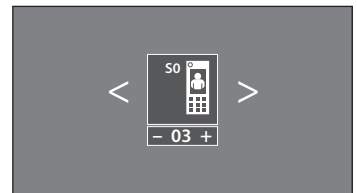
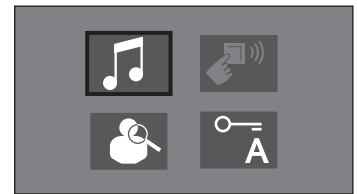
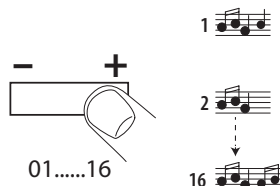
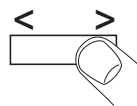
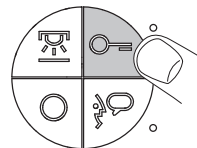
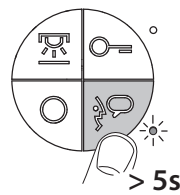
LED ON flashing (red) = programming procedure being performed.

BELL programming

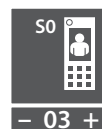
Using the on screen menu, the video handset offers the possibility to select among 16 types of bells with programmed ringtones, which can be freely associated to the different type of calls:

- selection of the call bells **from the main entrance panel** (S=0).
- selection of the call bells **from the secondary entrance panel** (S=1).
- **floor call** bell selection.
- **internal intercom call** bell selection
- **external intercom call** bell selection (only with the apartment interface 346850).

Bell selection



To save the settings, wait for the time-out or press



Call from the main EP.



Internal intercom



Call from the secondary EP.

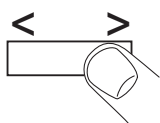


External intercom



Floor call

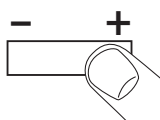
Bell volume adjustment



Press to activate the bell volume function



Bell volume



Press to adjust

NOTE: Adjustment with device in stand-by.

INDUCTIVE LOOP use

The inductive loop function enables the device to be used by people wearing hearing aids with (T) selector.

Switch the acoustic device to the T position. To ensure correct magnetic coupling between the handset and the acoustic device, we recommend a position in front of the device, at a distance of 25-35 cm.

NOTE: the presence of metal and background noise generated by electric/electronic devices (e.g. computer) may compromise the performance and the quality of the coupling device.

