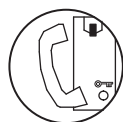


DOOR PHONE APARTMENT STATIONS

Download from www.urmet.com Technical Manuals area.

SECTION CONTENTS

SIGNO DOOR PHONE Ref.1183/2	2	ACCESSORIES.....	11
Buttons function	2	Kit for tabletop mounting Ref. 1133/50	11
TECHNICAL CHARACTERISTICS	2	SIGNO HOUSE PHONE WITH 10 ADDITIONAL BUTTONS	
INSTALLATION.....	2	Ref. 1183/3	12
Terminal pins description	2	Buttons function	12
CONFIGURATION	2	TECHNICAL SPECIFICATIONS.....	12
Line terminal settings	4	INSTALLATION.....	12
PERFORMANCE	4	Description of terminals.....	12
Call reception	4	CONFIGURATION	12
Intercom call forwarding	4	Line terminal settings	14
Floor call function	4	PERFORMANCE	14
Supplementary ringer	4	Call reception	14
Door open LED	4	Intercom call forwarding.....	14
OPTIONAL PROGRAMMING	5	Floor call function	14
Intercom function	5	Additional ringer management	14
CALL TONE PROGRAMMING	6	Automatic door lock release.....	15
Door phone call ring tone	6	Door open LED / Automatic door lock release.....	15
Floor call ring tone.....	6	OPTIONAL PROGRAMMING	15
PROGRAMMING DATA DELETING	6	Indoor station intercom function	15
ACCESSORIES.....	7	CALL TONE PROGRAMMING	16
Kit for tabletop mounting Ref. 1140/50	7	Door phone call ring tone	16
ATLANTICO DOOR PHONE Ref.1183/1	8	Floor call ring tone	16
Buttons function	8	PROGRAMMING DATA DELETING	16
TECHNICAL CHARACTERISTICS	8	ACCESSORIES.....	17
INSTALLATION.....	8	Kit for tabletop mounting Ref. 1140/51	17
Terminal pins description	8		
CONFIGURATION	9		
Line terminal settings	10		
PERFORMANCE	10		
Call reception	10		
Intercom call forwarding	10		
OPTIONAL PROGRAMMING	10		
Intercom function	10		
CALL TONE PROGRAMMING	11		
Door phone call ring tone	11		
PROGRAMMING DATA DELETING	11		

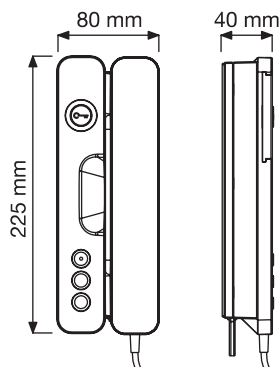


SIGNO DOOR PHONE

TECHNICAL CHARACTERISTICS - INSTALLATION - CONFIGURATION



SIGNO DOOR PHONE Ref.1183/2

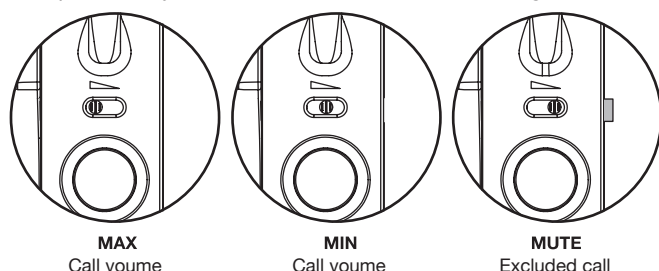


Signo door phone recalls the style of Signo video door phone. Designed by architect Citterio, Signo door phone has a perfectly flat surface harmonized with the absence of corners.





On the front panel there are the button for door opening, backlit by leds, and 3 buttons for additional services as intercom calls, opening of the second electric lock, etc.

Signo door phone has an electronic management of the call ring tone with a loudspeaker dedicated to this function, placed under the handset. Also the switch used to adjust the call volume with "Mute" function is hid by the handset.

When the switch is in "Mute" position, a little red flag comes out of the door phone body to indicate the absence of the call ring tone.



BUTTONS FUNCTION

Button \ State				
Idle and on hook	Pedestrian door lock release	Driveway door lock release	Special function	Special function
Off-hook waiting time (call received)	Pedestrian door lock release	Driveway door lock release	Special function	Special function
Speaking	Pedestrian door lock release	Driveway door lock release	Special function	Special function
Idle and off hook	Pedestrian door lock release	Intercom call (default: not programmed)	Intercom call (default: switchboard call)	Intercom call (default: not programmed)

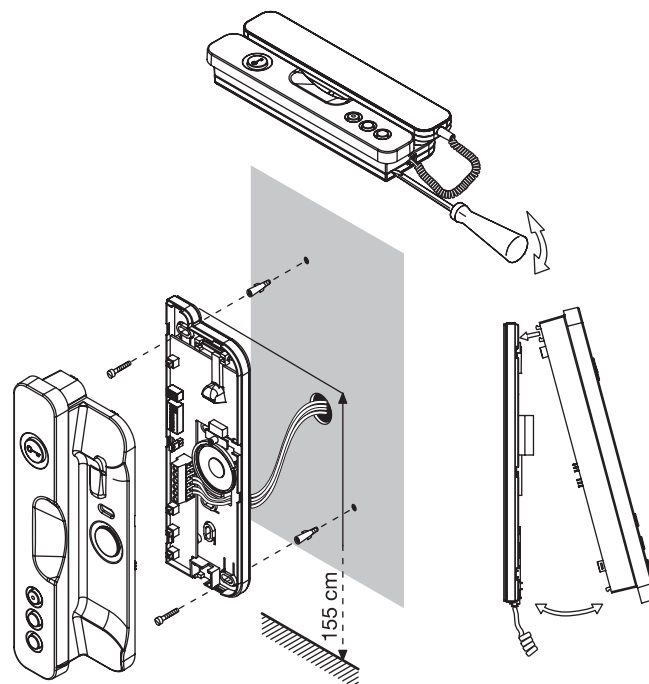
TECHNICAL CHARACTERISTICS

Power supply voltage: **36 – 48Vdc**
 Current consumption in standby: **3,0mA max**
 Max. current consumption: **70mA max**
 Operating temperature range: **-5°C ÷ +45°C**
 Reference standards: **EN 61000-6-3**
EN 61000-6-1
 Max. humidity: **90% UR**

INSTALLATION

To install Signo door phone perform the following operations:

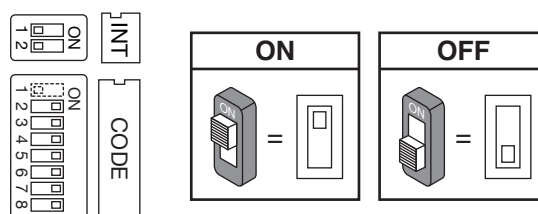
1. Remove the door phone cover.
2. Fix the base to the wall with the provided screws and screw anchors.
3. Configure the programming dip-switches and connect the door phone to the system.
4. Mount again the cover.



TERMINAL PINS DESCRIPTION

- LINE Bus Line
- CP Floor call button
- S+ Supplementary ringer connection positive
- S- Supplementary ringer connection negative

CONFIGURATION



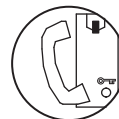
Default settings: default indoor station settings are:
 USER= 127
 INDOOR STATION= 0

The dip switches must always be arranged in the correct setting for correct operation of the system in this case.

CODE: user code.

Set a number from 0 to 127 according to the following rules:

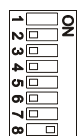
- No two apartments in the system can have the same user code.
- Indoor stations in parallel in the same apartment must have the same user code.
- **User codes be consecutive in the same column must.**



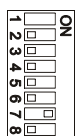
Use the CODE dip switches from 2 to 8 (2= most significant bit - 8= least significant bit) to set the required code. Dip switch 1 must be OFF.



USER 0



USER 1



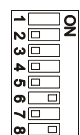
USER 2



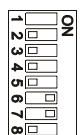
USER 3



USER 4



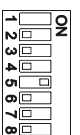
USER 5



USER 6



USER 7



USER 8



USER 9



USER 10



USER 11



USER 12



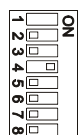
USER 13



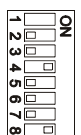
USER 14



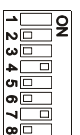
USER 15



USER 16



USER 17



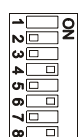
USER 18



USER 19



USER 20



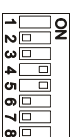
USER 21



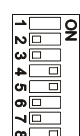
USER 22



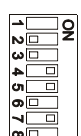
USER 23



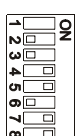
USER 24



USER 25



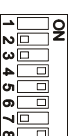
USER 26



USER 27



USER 28



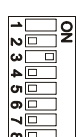
USER 29



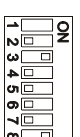
USER 30



USER 31



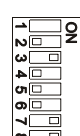
USER 32



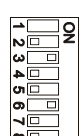
USER 33



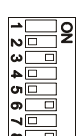
USER 34



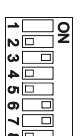
USER 35



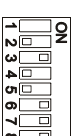
USER 36



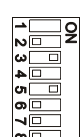
USER 37



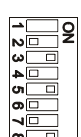
USER 38



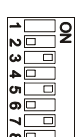
USER 39



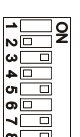
USER 40



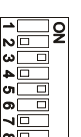
USER 41



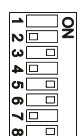
USER 42



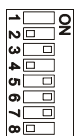
USER 43



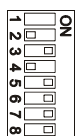
USER 44



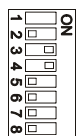
USER 45



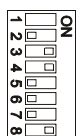
USER 46



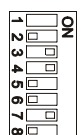
USER 47



USER 48



USER 49



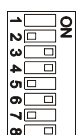
USER 50



USER 51



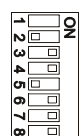
USER 52



USER 53



USER 54



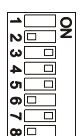
USER 55



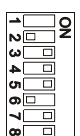
USER 56



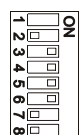
USER 57



USER 58



USER 59



USER 60



USER 61



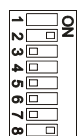
USER 62



USER 63



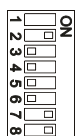
USER 64



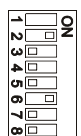
USER 65



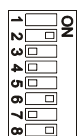
USER 66



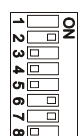
USER 67



USER 68



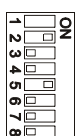
USER 69



USER 70



USER 71



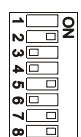
USER 72



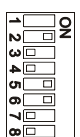
USER 73



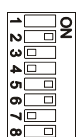
USER 74



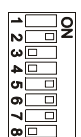
USER 75



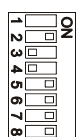
USER 76



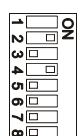
USER 77



USER 78



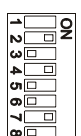
USER 79



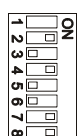
USER 80



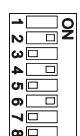
USER 81



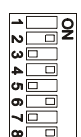
USER 82



USER 83



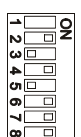
USER 84



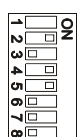
USER 85



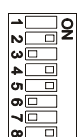
USER 86



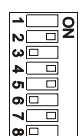
USER 87



USER 88



USER 89



USER 90



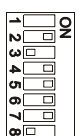
USER 91



USER 92



USER 93



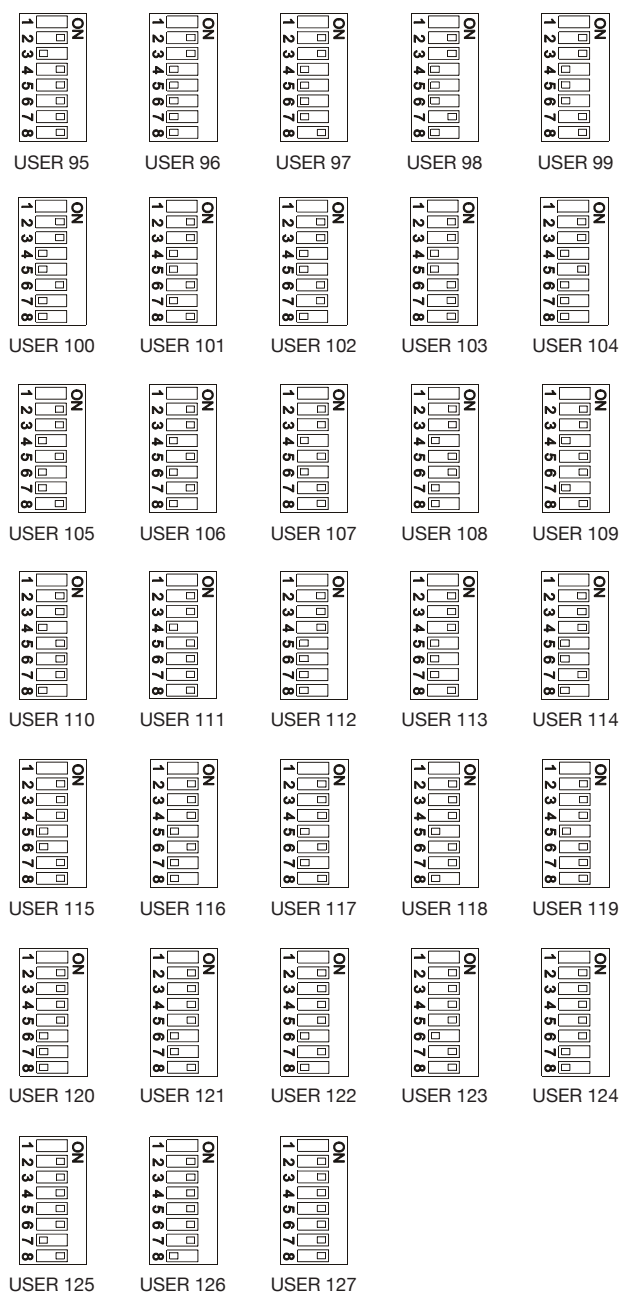
USER 94



SIGNO DOOR PHONE

PERFORMANCE

urmet



INT: apartment station code.

Set a number from 0 to 3 according to the following rules:

- The indoor station code must be 0 if there is only one station in the apartment.
- Up to 4 apartment stations can be connected in parallel using the same user code and different indoor station codes.



INT = 0



INT = 1



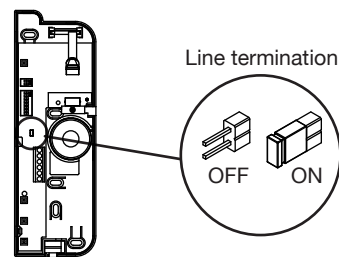
INT = 2



INT = 3

The indoor station code is used to identify the single stations of the same user. This means that intercom calls can be address to the single user in the same apartment. All the users indoor stations will ring at the same time in the event of intercom calls to different apartments, door unit calls and floor calls. Extension 0 rings immediately when a call is received. Extensions 1, 2 and 3 will ring in sequence after each other.

LINE TERMINAL SETTINGS



A line terminal jumper is fitted in the door phone. Activate the terminal for devices wired at the end of a line from which another section does not start from the device terminals (end of line).

PERFORMANCE

CALL RECEPTION

The user's apartment station will ring with the programmed tone when a call is received according to the source:

- From main door unit
- From secondary door unit
- Intercom call
- Floor calls
- From switchboard

The electric lock can be operated from the calling door unit also without picking up the handset when a call is received.

Indoor station 0 will ring immediately if there are several stations in the apartment. Extensions 1, 2 and 3 will ring in sequence after each other.

INTERCOM CALL FORWARDING

After programming the button for the intercom function, pickup the handset and press the button.

The following cases can occur according to the calling indoor station state:

- Indoor station free: the calling indoor station will output a confirmation tone (2 beeps) and the called indoor station will ring. Communication is established when the called user picks up.
- Indoor station busy: the indoor station outputs a warning tone (4 beeps in rapid sequence). Hang up and try again later.

FLOOR CALL FUNCTION

The indoor station is equipped with a pair of terminals (CP) for connecting the floor call button. The indoor station will ring with the set tone for 3s when the button is pressed. Connect this button only to one indoor station if there are several indoor stations in parallel. Extensions 1, 2 and 3 will ring in sequence after each other.

SUPPLEMENTARY RINGER

The apartment stations are provided with a pair of terminals (S+, S-) for connecting a supplementary ringer or relay. This ringer is controlled when any call tone is generated.

DOOR OPEN LED

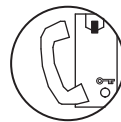
The apartment units provided with indicator LED to indicate the open state of the door.

The LED will light up if the door of the main calling station is open and will blink if the secondary calling station door is open.

The function is only active for the last called door phone or on which the door opening button was pressed and corresponding to the last calling door unit.



The function is able only if a sensor is connected to the calling station.



OPTIONAL PROGRAMMING

The following programming operations are needed after testing the basic operation of the system, only if are required.

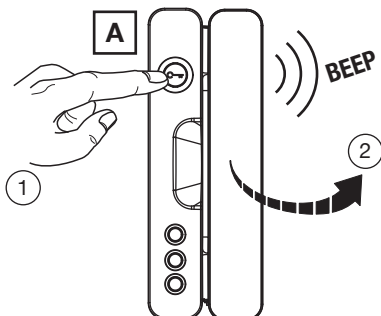
INTERCOM FUNCTION

Buttons ●, ●, ●, ● can be programmed in 2Voice systems for intercom call functions.

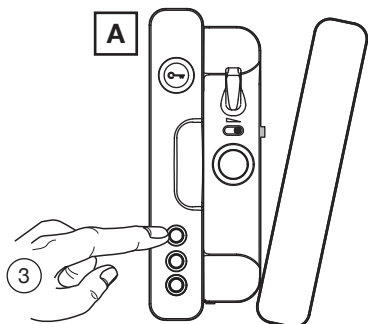
One button can be programmed to call another user in the column or to call an indoor station in parallel. All indoor stations of the called user will ring in the first case. Only the specifically programmed indoor station will ring in the second case.

INTERCOM FUNCTION BETWEEN VARIOUS USERS

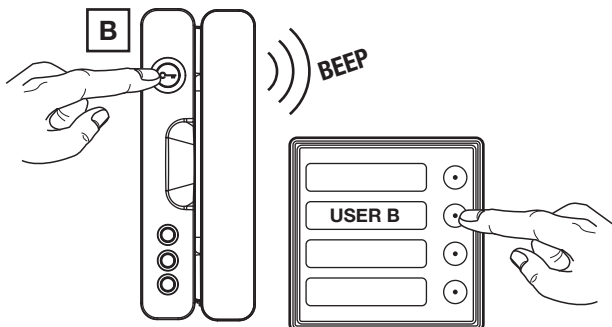
- Go to the indoor station to be programmed as caller (indoor station A).
- Hold the door opener button pressed and pick up the handset. The indoor station A outputs a tone to indicate that programming mode is in progress.



- Press the button to be programmed. The indoor station will output a confirmation tone.



- Go to the user that the button will call (user B) and press the door opener button. The indoor stations will be beep to indicate that they have been programmed. Alternatively, go to a calling station and press the calling button of user B. The indoor station being programming (A) will beep to indicate that it has been programmed. The indoor stations of user B will ring when this occurs. Ignore this call.



- Hook up the handset of indoor station A. It will beep to indicate exit from programming mode.

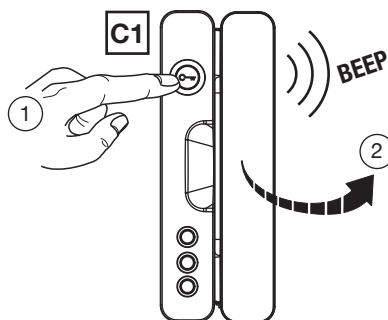
- Check programmed function: release the handset A and press the programmed button. Check that all indoor stations of user B ring and check audio.
- You will need to program indoor station B to call A to make the opposite call possible.



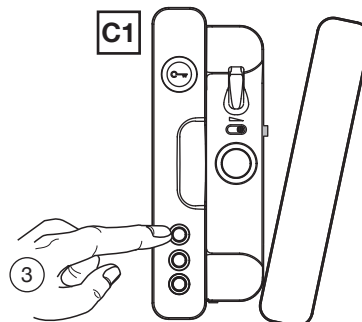
The other functions listed in the "Buttons functions" table will not be lost if the buttons are programmed for this function because the intercom call is made with the **handset off-hook**.

INTERCOM FUNCTION IN THE SAME APARTMENT

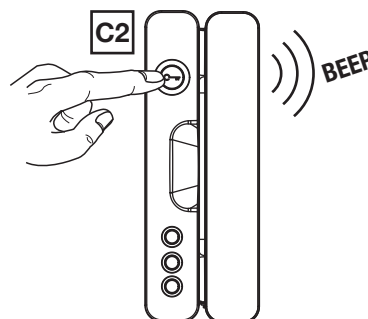
- Go to the apartment station to be programmed as caller (indoor station C1).
- Hold the door opener button pressed and pick up the handset. The indoor station C1 outputs a tone to indicate that programming is in progress.



- Press the button to be programmed. The indoor station C1 will output a confirmation tone.



- Go to the indoor station that the button will call (apartment station C2) and press the door opener button. The indoor stations C1 and C2 will be beep to indicate that they have been programmed.



- Hook up the handset of indoor station C1. It will beep to indicate exit from programming mode.
- Check programmed function: pick up the handset C1 and press the programmed button.
- Check that the indoor station C2 rings and check audio.
- You will need to program indoor station C2 to call C1 to make the opposite call possible.



The other functions listed in the "Button functions" table will not be lost if the buttons are programmed for this function because the intercom call is made with the **handset off-hook**.



SIGNO DOOR PHONE



CALL TONE PROGRAMMING - PROGRAMMING DATA DELETING

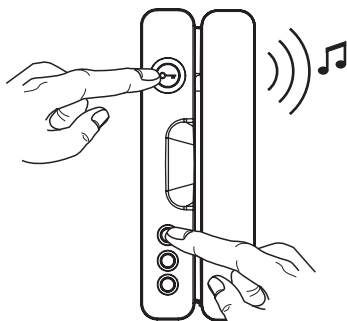
urmet

CALL TONE PROGRAMMING

In 2VOICE system each user can select the door phone call ring tone and the floor call ring tone among the 5 available ones.

DOOR PHONE CALL RING TONE



1. By keeping the door lock release button pressed, press and release the button .
2. The apartment station emits a call ring tone.
3. By keeping the door lock release button pressed, press again the button  to change the call ring tone.
4. When the call ring tone has been selected, release the door lock release button.
5. The call ring tone is programmed.

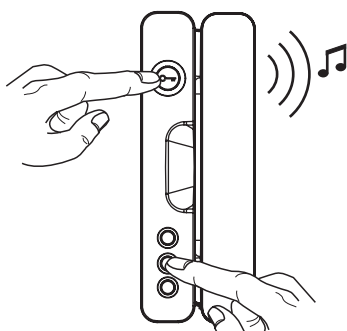


The selected call ring tone is the same for all door phone calls. However, the call ring tone source can be identified thanks to the call ring tone timing:

Call source	Time	Ring total duration
Main call station	3 s ON	3 s
Secondary call station	0,4 s ON 0,2 s OFF for 5 times	2,8 s
Intercom	0,5 s ON 0,5 s OFF for 3 times	2,5 s
Switchboard	0,1 s ON 0,05 s OFF for 3 times pause 0,2 s repeated for 5 times	2,8 s





FLOOR CALL RING TONE

1. By keeping the door lock release button pressed, press and release the button .
2. The apartment station emits a call ring tone.
3. By keeping the door lock release button pressed, press again the button  to change the call ring tone.
4. When the call ring tone has been selected, release the door lock release button.
5. The call ring tone is programmed.



PROGRAMMING DATA DELETING

To delete all optional programming data (intercom call codes), perform the following operations:

- By keeping the door lock release button pressed, pick the handset up.
- Press at the same time the buttons  and  and keep them pressed for 3 seconds until a tone confirming the deletion is emitted.
- Release the buttons  and  and hang the handset up.



The deleting procedure does not change the previously selected call ring tones.

Warning: when programmed data are deleted, also the column code will be deleted; it will be automatically acquired after about 5 minutes.




ACCESSORIES

KIT FOR TABLETOP MOUNTING Ref. 1140/50

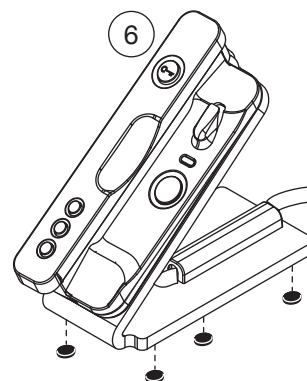
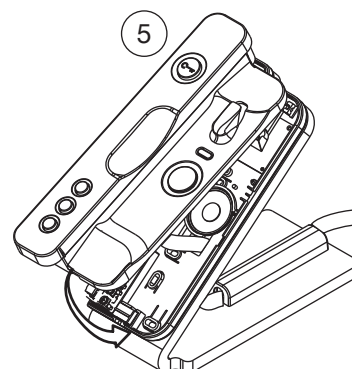
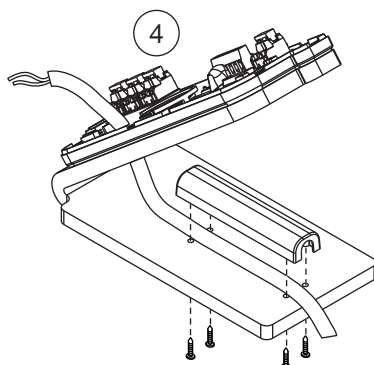
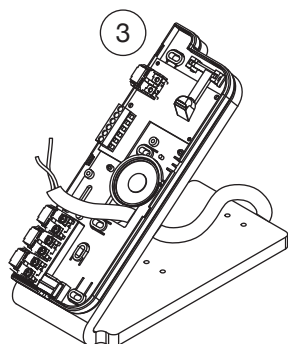
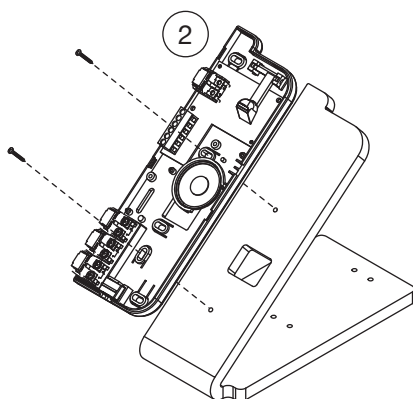
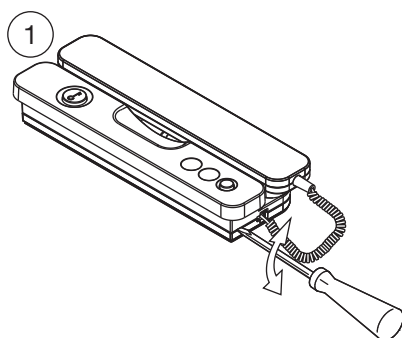
Signo door phone can be table-top installed. In this case, buy the suitable support.

For installation, follow the procedure below:

1. Remove the door phone cover.
2. Fix the door phone base to the support.
3. Insert the cable in the suitable hole and perform connections.
4. Bloccare il cavo al supporto.

 The system cable must not be connected to the wiring junction box provided with the table-top kit, but directly to the door phone.

5. Close the door phone cover.
6. Mount the feet on the bottom side of the support.



 With the table-top kit, in-out connection is not allowed.

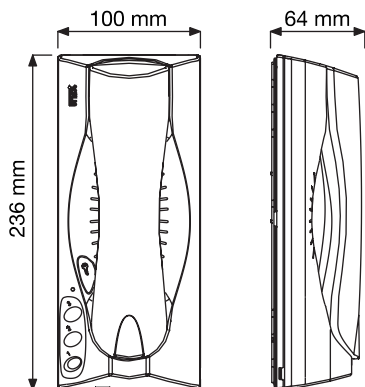


ATLANTICO DOOR PHONE

TECHNICAL CHARACTERISTICS - INSTALLATION



ATLANTICO DOOR PHONE Ref.1183/1



Atlantico door phone has the following characteristics:

- Innovative style, with simple and essential lines designed by Michele De Lucchi.
- Plastic finishing (ABS): polished for buttons and embossed for other elements.
- Handset with telephone cable and connectors.
- Telephone handset hook switch placed in the lower part of the cover.
- Button for door lock release function.
- Additional button for intercom call and opening of the second electric lock.
- Easy installation with screws and screw anchors, without masonry works.

BUTTONS FUNCTION

Button		1
State		
Idle and on hook	Pedestrian door lock release	Driveway door lock release
Off-hook waiting time (call received)	Pedestrian door lock release	Driveway door lock release
Speaking	Pedestrian door lock release	Driveway door lock release
Idle and off hook	Pedestrian door lock release	Intercom call (default: switchboard call)

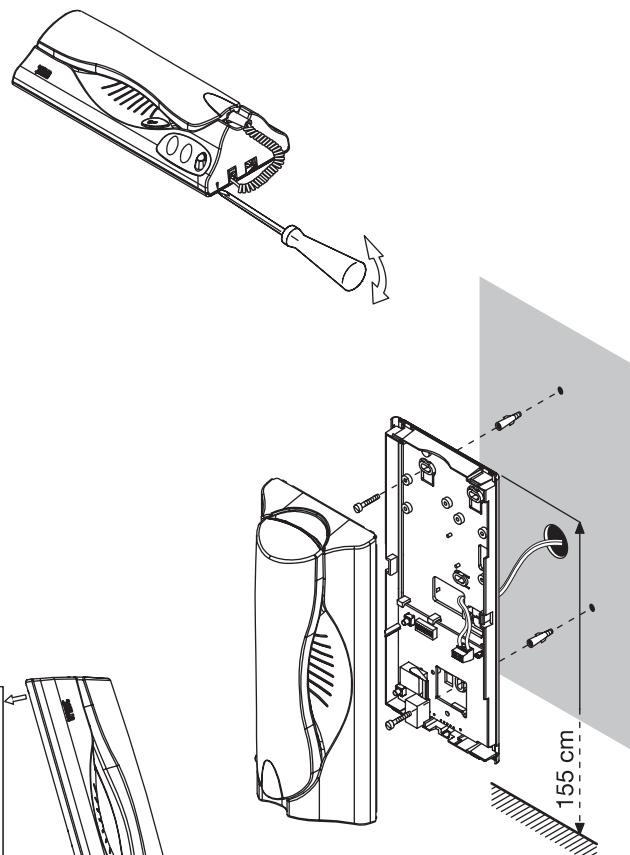
TECHNICAL CHARACTERISTICS

Power supply voltage: 36 – 48Vdc
 Standby current consumption: 3,0mA max
 Max. current consumption: 70mA max
 Operating temperature range: -5°C ÷ +45°C
 Compliant with: EN 61000-6-3
 EN 61000-6-1
 Max. humidity: 90% UR

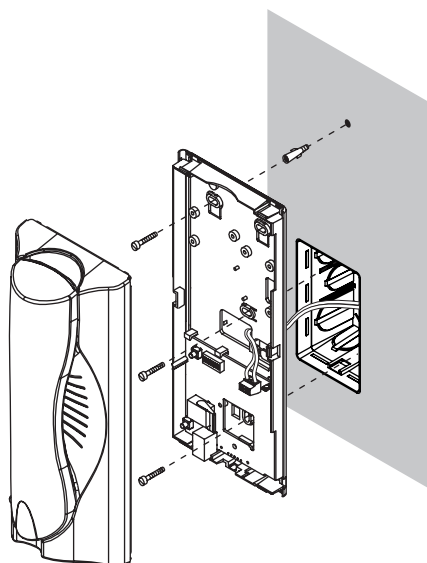
INSTALLATION

To install Atlantico door phone perform the following operations:

1. Remove the door phone cover.
2. Fix the base to the wall with the provided screws and screw anchors.
3. Configure the programming switches and connect the door phone to the system.
4. Mount again the cover.



For installation on flush mounting box Mod.503, fix the door phone to the wall using the provided screws and screw anchors.

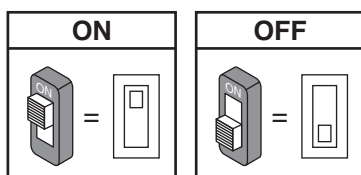
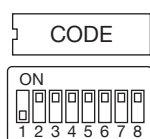


DESCRIPTION OF TERMINALS

LINE Bus line



CONFIGURATION



Default settings: default indoor station settings are:

USER= 127

INDOOR STATION= 0

The dip switches must always be arranged in the correct setting for correct operation of the system in this case.

CODE (2÷8): user code.

Set a number from 0 to 127 according to the following rules:

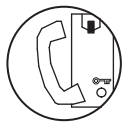
- No two apartments in the system can have the same user code.
- User codes be consecutive in the same column must.



Use the CODE dip switches from 2 to 8 (2= most significant bit - 8 = least significant bit) to set the required code.

USER 0	USER 1	USER 2	USER 3
USER 4	USER 5	USER 6	USER 7
USER 8	USER 9	USER 10	USER 11
USER 12	USER 13	USER 14	USER 15
USER 16	USER 17	USER 18	USER 19
USER 20	USER 21	USER 22	USER 23
USER 24	USER 25	USER 26	USER 27
USER 28	USER 29	USER 30	USER 31
USER 32	USER 33	USER 34	USER 35
USER 36	USER 37	USER 38	USER 39
USER 40	USER 41	USER 42	USER 43
USER 44	USER 45	USER 46	USER 47
USER 48	USER 49	USER 50	USER 51

USER 52	USER 53	USER 54	USER 55
USER 56	USER 57	USER 58	USER 59
USER 60	USER 61	USER 62	USER 63
USER 64	USER 65	USER 66	USER 67
USER 68	USER 69	USER 70	USER 71
USER 72	USER 73	USER 74	USER 75
USER 76	USER 77	USER 78	USER 79
USER 80	USER 81	USER 82	USER 83
USER 84	USER 85	USER 86	USER 87
USER 88	USER 89	USER 90	USER 91
USER 92	USER 93	USER 94	USER 95
USER 96	USER 97	USER 98	USER 99
USER 100	USER 101	USER 102	USER 103
USER 104	USER 105	USER 106	USER 107
USER 108	USER 109	USER 110	USER 111
USER 112	USER 113	USER 114	USER 115
USER 116	USER 117	USER 118	USER 119
USER 120	USER 121	USER 122	USER 123
USER 124	USER 125	USER 126	USER 127



ATLANTICO DOOR PHONE

PERFORMANCE - OPTIONAL PROGRAMMING FOR ADDITIONAL FUNCTIONS

urmet

CODE (1): apartment station code.

Set the code according to the following rules:

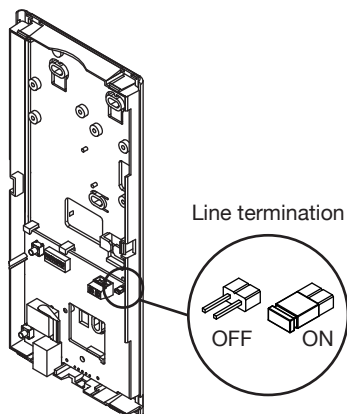
- The indoor station code must be 0 if there is only one station in the apartment.
- Up to 4 apartment stations (max 2 Mod. Atlantico) can be connected in parallel using the same user code and different indoor station codes.



On the door phone 1183/1 the internal code can be set to values 0 (OFF) or 1 (ON).

The indoor station code is used to identify the single stations of the same user. This means that intercom calls can be address to the single user in the same apartment. All the users indoor stations will ring at the same time in the event of intercom calls to different apartments, door unit calls and floor calls. Extension 0 rings immediately when a call is received: the other internal codes ring in sequence.

LINE TERMINAL SETTINGS



A line terminal jumper is fitted in the door phone. Activate the terminal for devices wired at the end of a line from which another section does not start from the device terminals (end of line).

PERFORMANCE

CALL RECEPTION AND VIDEO SHIFTING FUNCTION

The user's apartment station will ring with the programmed tone when a call is received according to the source:

- From main door unit
- From secondary door unit
- Intercom call
- Floor calls
- From switchboard

The electric lock can be operated from the calling door unit also without picking up the handset when a call is received.

INTERCOM CALL FORWARDING

After programming the button for the intercom function, pick up the handset and press the button.



There is no feedback tone neither if the system is free nor if it is engaged.

OPTIONAL PROGRAMMING FOR ADDITIONAL FUNCTIONS

The following programming operations are needed after testing the basic operation of the system, only if are required.

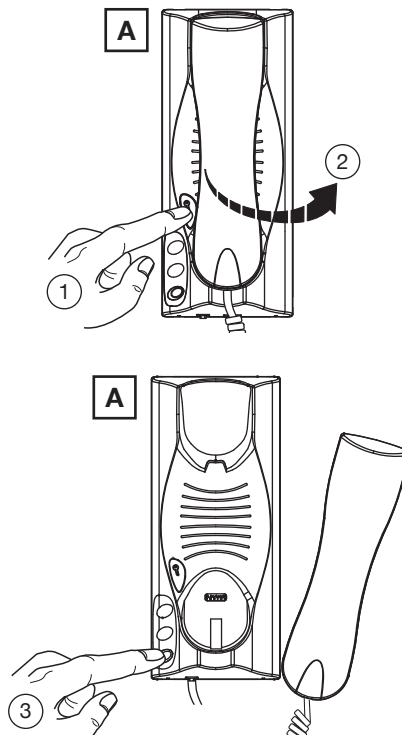
INTERCOM FUNCTION

The button on 1183/1 door phones can be programmed for intercom calls.

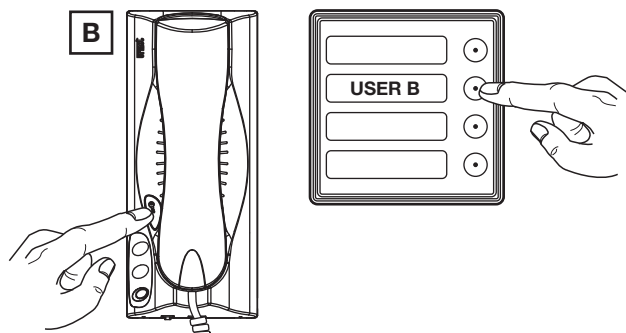
The button can be programmed to call another user in the column.

INTERCOM FUNCTION BETWEEN VARIOUS USERS

- Go to the indoor station to be programmed as caller (indoor station A).
- Hold the door opener button pressed and pick up the handset.
- Press the button to be programmed.



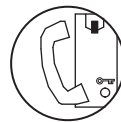
- Go to the user that the button will call (user B) and press the door opener button. Alternatively, go to a calling station and press the calling button of user B. The indoor stations of user B will ring when this occurs. Ignore this call.



- Hook up the handset of apartment station A. It will beep to indicate exit from programming mode.
- Check programmed function: release the handset A and press the programmed button. Check that all indoor stations of user B ring and check audio.
- You will need to program indoor station B to call A to make the opposite call possible.



The other functions listed in the "Buttons functions" table will not be lost if the buttons are programmed for this function because the intercom call is made with the **handset off-hook**.

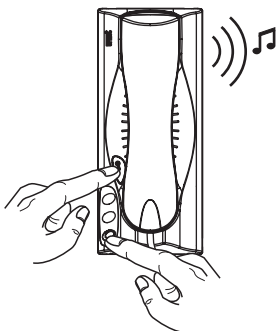


CALL TONE PROGRAMMING

In 2VOICE system each user can select the door phone call ring tone among the 5 available ones.

DOOR PHONE CALL RING TONE

1. By keeping the door lock release button pressed, press and release the button 1.
2. The apartment station emits a call ring tone.
3. By keeping the door lock release button pressed, press again the button 1 to change the call ring tone.
4. When the call ring tone has been selected, release the door lock release button.
5. The call ring tone is programmed.



The selected call ring tone is the same for all door phone calls. However, the call ring tone source can be identified thanks to the call ring tone timing.

Call source	Time	Ring total duration
Main call station	3 s ON	3 s
Secondary call station	0,4 s ON 0,2 s OFF for 5 times	2,8 s
Intercom	0,5 s ON 0,5 s OFF for 3 times	2,5 s
Switchboard	0,1 s ON 0,05 s OFF for 3 times pause 0,2 s repeated for 5 times	2,8 s

PROGRAMMING DATA DELETING

To delete all optional programming data (intercom call codes), perform the following operations:

- By keeping the door lock release button pressed, pick the handset up.
- Press at the same time the door lock release button and the button 1 and keep them pressed for at least 3 seconds.
- Release the buttons and hang the handset up.



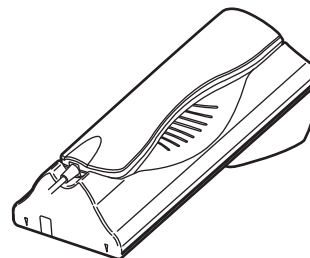
The deleting procedure does not change the previously selected call ring tones.

Warning: when programmed data are deleted, also the column code will be deleted; it will be automatically acquired after about 5 minutes.

ACCESSORIES

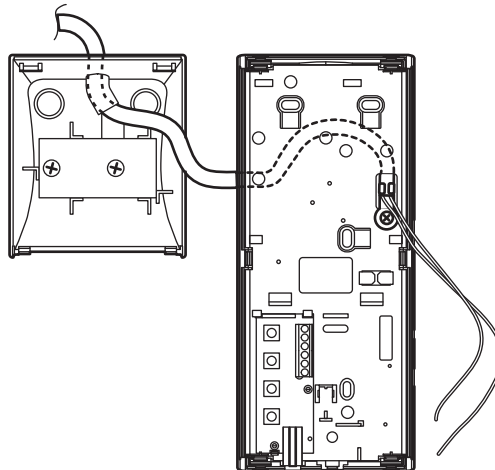
KIT FOR TABLETOP MOUNTING Ref. 1133/50

The Mod. Atlantico door phone may be tabletop mounted. For this purpose, purchase a specific white tabletop transformation kit Ref. 1133/50 with socket.



Assembly operations:

- Remove the door phone hood.
- Insert the wire through the tabletop stand and the door phone.

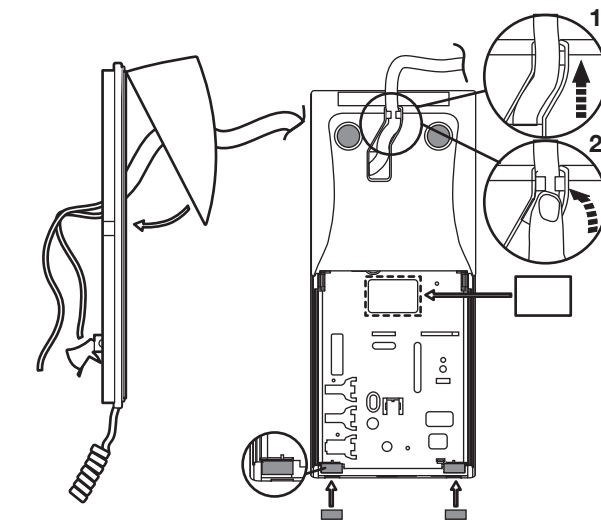


- Insert the adhesive rubbers provided under the tabletop stand under the door phone base in the specific housings.
- Apply the tabletop stand to the base of the door phone and arrange the wires in the specific housing.
- Connect the wires to the door phone terminal board.



The system cable must not be connected to the wiring junction box provided with the table-top kit, but directly to the door phone.

- Close the door phone hood.
- Connect the system wires to the corresponding socket terminals.



With the table-top kit, in-out connection is not allowed.

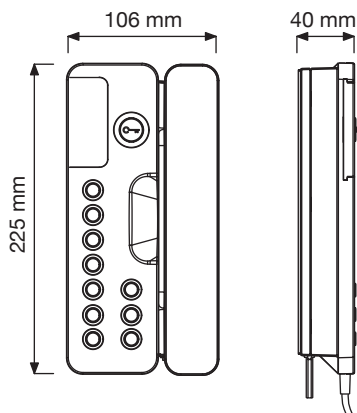


SIGNO HOUSE PHONE WITH 10 ADDITIONAL BUTTONS

TECHNICAL SPECIFICATIONS - INSTALLATION - CONFIGURATION

urmet

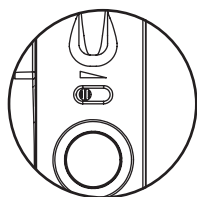
SIGNO HOUSE PHONE WITH 10 ADDITIONAL BUTTONS Ref. 1183/3



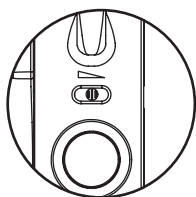
The door phone Ref. 1183/3 has the same aspect and electric characteristics as Signo Ref. 1183/2 door phone, but it is provided with 10 buttons used for additional services and with automatic door lock release function after a call.

As in the basic version, on the front side there is the led-backlit button used to open the door and in the button number 7 body there is a led used to signal an open door.

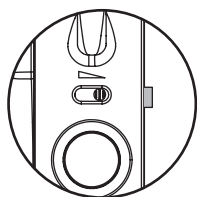
Also in this model, the call is electronically managed with a dedicated loudspeaker; its volume can be adjusted with a switch. When the switch is in "Mute" position, a little red flag comes out of the door phone body to indicate the absence of the call ring tone.



MAX
Maximum calling volume



MIN
Minimum calling volume



MUTE
No calling tone

BUTTONS FUNCTIONS

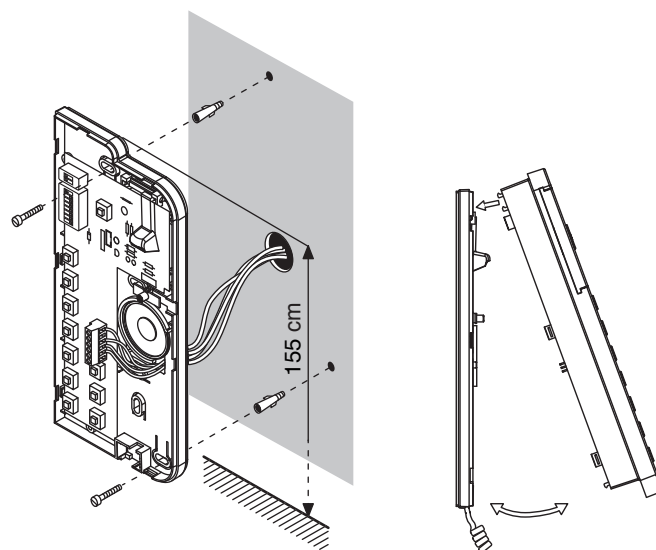
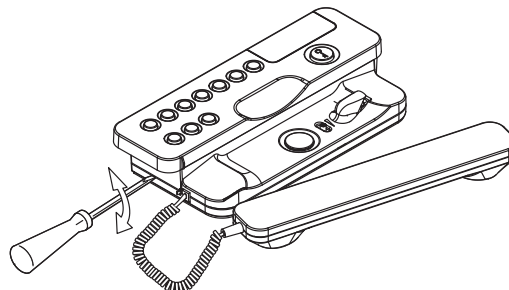
Button State					1 ÷ 6	7
Stand-by and on hook	Door lock release	Garage door lock release	Special function	Special function	Special function	Automatic door lock release
Waiting for pick-up (receiving a call)	Door lock release	Garage door lock release	Special function	Special function	Special function	Automatic door lock release
Audio	Door lock release	Garage door lock release	Special function	Special function	Special function	Automatic door lock release
Stand-by and off hook	Door lock release	Chiamata intercom. (default: not programmed)	Programmable intercom. (default: call to switchboard)	Chiamata intercom. (default: not programmed)	Chiamata intercom. (default: not programmed)	Automatic door lock release

TECHNICAL SPECIFICATIONS

Power voltage:	36 – 48Vdc
Stand-by consumption:	3,0mA max
Max. consumption:	70mA max
Working temperature range:	-5°C ÷ +45°C
Reference standards:	EN 61000-6-3 EN 61000-6-1
Max. humidity:	90%UR

INSTALLATION

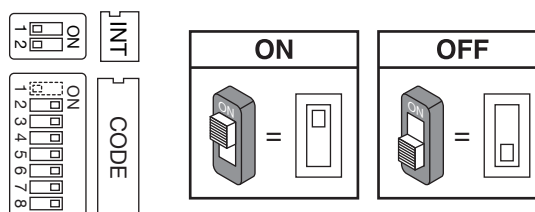
- Remove the door phone hood.
- Fix the base to the wall with the screws and bolts included.
- Configure the programming switches and make the connections.
- Refit the hood.



DESCRIPTION OF TERMINALS

- LINE Bus Line
- CP Floor call button
- S+ Supplementary ringer connection positive
- S- Supplementary ringer connection negative

CONFIGURATION



Default settings: default indoor station settings are:

USER= 127

INDOOR STATION= 0

The dip switches must always be arranged in the correct setting for correct operation of the system in this case.

CODE: user code.

Set a number from 0 to 127 according to the following rules:

- No two apartments in the system can have the same user code.
- Indoor stations in parallel in the same apartment must have the



same user code.

- User codes be consecutive in the same column must.



Use the CODE dip switches from 2 to 8 (2= most significant bit - 8= least significant bit) to set the required code. Dip switch 1 must be OFF.



USER 0



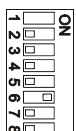
USER 1



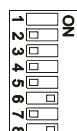
USER 2



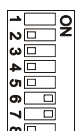
USER 3



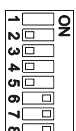
USER 4



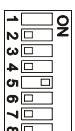
USER 5



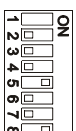
USER 6



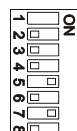
USER 7



USER 8



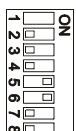
USER 9



USER 10



USER 11



USER 12



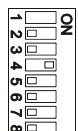
USER 13



USER 14



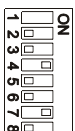
USER 15



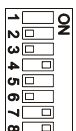
USER 16



USER 17



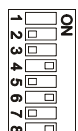
USER 18



USER 19



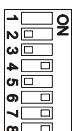
USER 20



USER 21



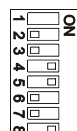
USER 22



USER 23



USER 24



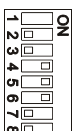
USER 25



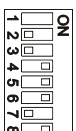
USER 26



USER 27



USER 28



USER 29



USER 30



USER 31



USER 32



USER 33



USER 34



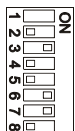
USER 35



USER 36



USER 37



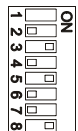
USER 38



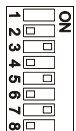
USER 39



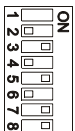
USER 40



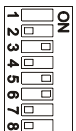
USER 41



USER 42



USER 43



USER 44



USER 45



USER 46



USER 47



USER 48



USER 49



USER 50



USER 51



USER 52



USER 53



USER 54



USER 55



USER 56



USER 57



USER 58



USER 59



USER 60



USER 61



USER 62



USER 63



USER 64



USER 65



USER 66



USER 67



USER 68



USER 69



USER 70



USER 71



USER 72



USER 73



USER 74



USER 75



USER 76



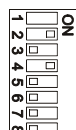
USER 77



USER 78



USER 79



USER 80



USER 81



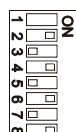
USER 82



USER 83



USER 84

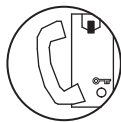


USER 85



USER 86

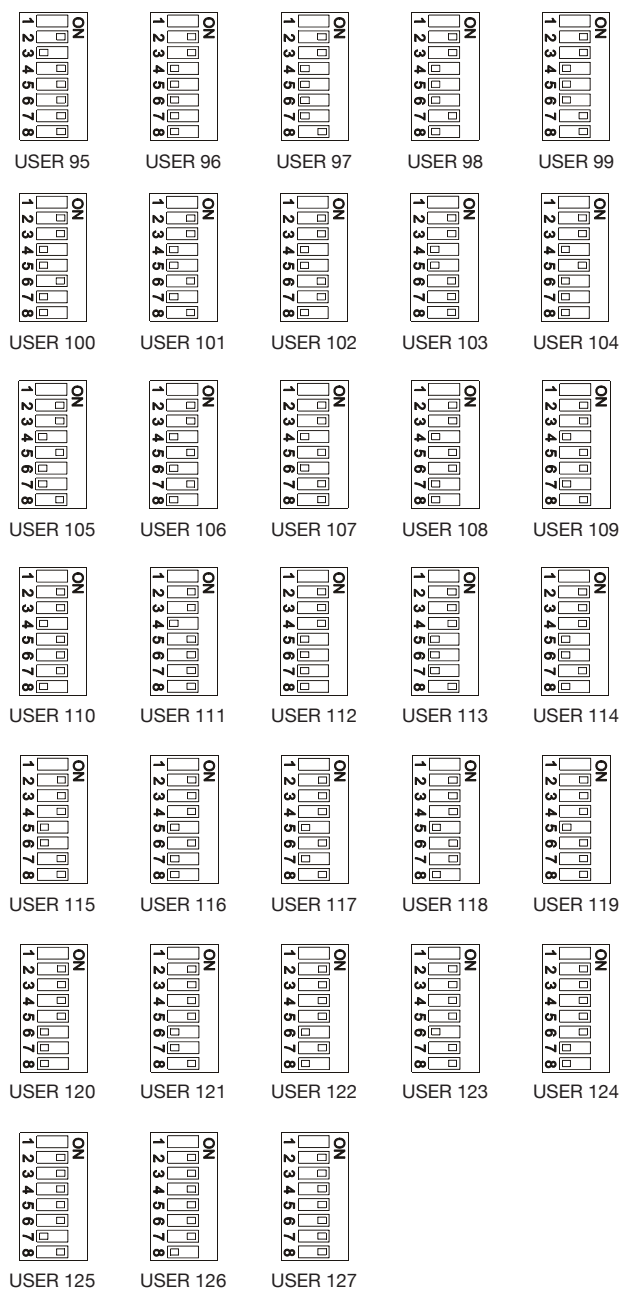




SIGNO HOUSE PHONE WITH 10 ADDITIONAL BUTTONS

PERFORMANCE

urmet



INT: apartment station code.

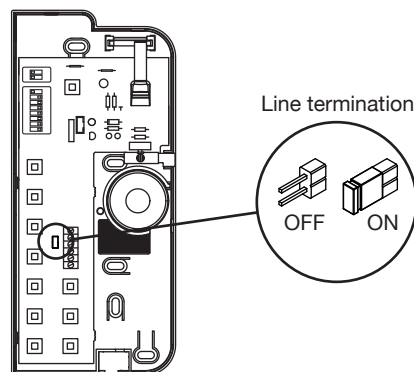
Set a number from 0 to 3 according to the following rules:

- The indoor station code must be 0 if there is only one station in the apartment.
- Up to 4 apartment stations can be connected in parallel using the same user code and different indoor station codes.



The indoor station code is used to identify the single stations of the same user. This means that intercom calls can be addressed to the single user in the same apartment. All the users indoor stations will ring at the same time in the event of intercom calls to different apartments, door unit calls and floor calls. Extension 0 rings immediately when a call is received. Extensions 1, 2 and 3 will ring in sequence after each other.

LINE TERMINAL SETTINGS



A line terminal jumper is fitted in the door phone. Activate the terminal for devices wired at the end of a line from which another section does not start from the device terminals (end of line).

PERFORMANCE

CALL RECEPTION

The user's apartment station will ring with the programmed tone when a call is received according to the source:

- From main door unit
- From secondary door unit
- Intercom call
- Floor calls
- From switchboard

The electric lock can be operated from the calling door unit also without picking up the handset when a call is received.

Indoor station 0 will ring immediately if there are several stations in the apartment. Extensions 1, 2 and 3 will ring in sequence after each other.

INTERCOM CALL FORWARDING

After programming the button for the intercom function, pickup the handset and press the button.

The following cases can occur according to the calling indoor station state:

- Indoor station free: the calling indoor station will output a confirmation tone (2 beeps) and the called indoor station will ring. Communication is established when the called user picks up.
- Indoor station busy: the indoor station outputs a warning tone (4 beeps in rapid sequence). Hang up and try again later.

FLOOR CALL FUNCTION

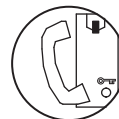
The indoor station is equipped with a pair of terminals (CP) for connecting the floor call button. The indoor station will ring with the set tone for 3s when the button is pressed. Connect this button only to one indoor station if there are several indoor stations in parallel. Extensions 1, 2 and 3 will ring in sequence after each other.

ADDITIONAL RINGER MANAGEMENT

The door phone is equipped with a pair of terminals (S-, S+) for connecting a supplementary ringer or a relay. This ringer is controlled when any call tone is generated.

AUTOMATIC DOOR LOCK RELEASE

This feature allows to automatically send a pedestrian door lock release command after a call coming from door units. This feature can be activated/deactivated with the button no. 7 and is signalled by turning on the led on the button.




OPEN DOOR LED / AUTOMATIC DOOR LOCK RELEASE

The door phone is provided with a led that signals open door state or automatic door lock release feature active.

To signal an open door in a main call module, the led is steady on; to signal an open door in a secondary call module the led blinks fast; to signal an automatic door lock release feature active the led blinks slowly. Automatic door lock release signalling has priority over open door signal.

Open door signalling is active only on the last called door phone where the door lock release button has been pressed. This signalling is referred to the last calling door unit.

 Open door signalling is available only if a suitable sensor has been connected to the door unit.

OPTIONAL PROGRAMMING FOR ADDITIONAL FUNCTIONS

The following programming operations are needed after testing the basic operation of the system, only if are required.

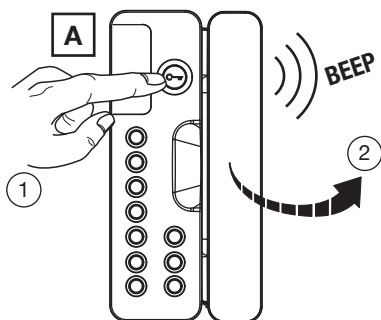
INDOOR STATION INTERCOM FUNCTION

Buttons ●, ●●, ●●● or buttons from 1 to 6 can be programmed in 2Voice systems for intercom call functions.

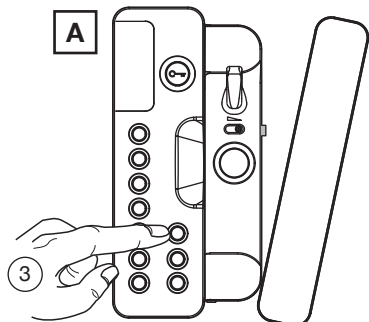
One button can be programmed to call another user in the column or to call an indoor station in parallel. All indoor stations of the called user will ring in the first case. Only the specifically programmed indoor station will ring in the second case.

INTERCOM FUNCTION BETWEEN VARIOUS USERS

- Go to the indoor station to be programmed as caller (indoor station A).
- Hold the door opener button pressed and pick up the handset. The indoor station A outputs a tone to indicate that programming mode is in progress.

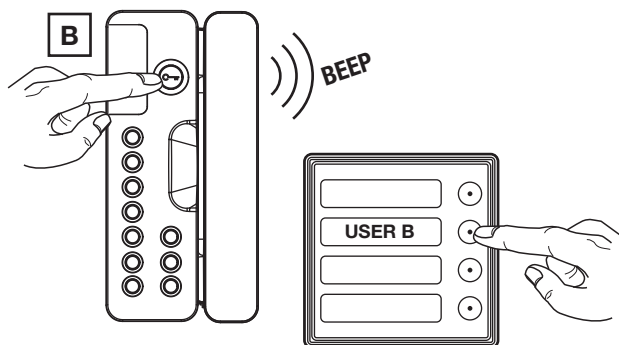


- Press the button to be programmed. The indoor station will output a confirmation tone. Buttons can be ●, ●●, ●●● or buttons from 1 to 6.




- Go to the user that the button will call (user B) and press the door opener button. The indoor stations will be beep to indicate that they have been programmed. Alternatively, go to a calling station and press the calling button of user B. The indoor station being programming (A) will beep to

indicate that it has been programmed. The indoor stations of user B will ring when this occurs. Ignore this call.

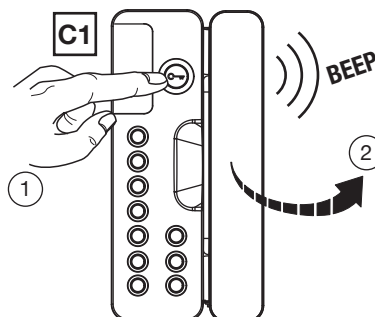


- Hook up the handset of indoor station A. It will beep to indicate exit from programming mode.
- Check programmed function: release the handset A and press the programmed button. Check that all indoor stations of user B ring and check audio.
- You will need to program indoor station B to call A to make the opposite call possible.

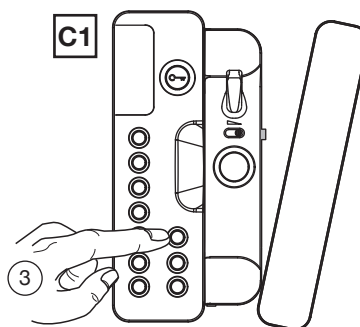
 The other functions listed in the "Buttons functions" table will not be lost if the buttons are programmed for this function because the intercom call is made with the **handset off-hook**.

INTERCOM FUNCTION IN THE SAME APARTMENT

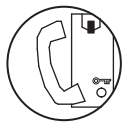
- Go to the apartment station to be programmed as caller (indoor station C1).
- Hold the door opener button pressed and pick up the handset. The indoor station C1 outputs a tone to indicate that programming is in progress.



- Press the button to be programmed. The indoor station C1 will output a confirmation tone. Buttons can be ●, ●●, ●●● or buttons from 1 to 6.

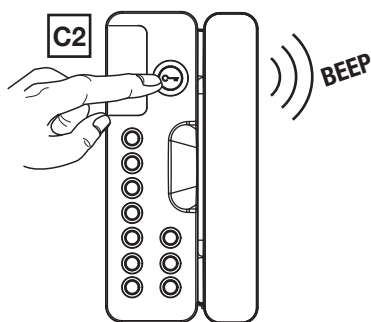


- Go to the indoor station that the button will call (apartment station C2) and press the door opener button. The indoor stations C1 and C2 will be beep to indicate that they have been programmed.



SIGNO HOUSE PHONE WITH 10 ADDITIONAL BUTTONS

CALL TONE PROGRAMMING - PROGRAMMING DATA DELETION

urmet


- Hook up the handset of indoor station C1. It will beep to indicate exit from programming mode.
- Check programmed function: pick up the handset C1 and press the programmed button. Check that the indoor station C2 rings and check audio.
- You will need to program indoor station C2 to call C1 to make the opposite call possible.

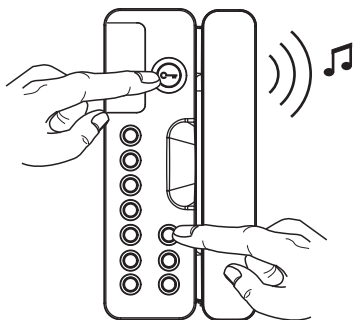
The other functions listed in the "Button functions" table will not be lost if the buttons are programmed for this function because the intercom call is made with the **handset off-hook**.

CALL TONE PROGRAMMING

In 2Voice system each user can select the door phone call ring tone among the 5 available ones.

DOOR PHONE CALL TONE

- Hold the door opener button pressed. Press and release the button . The indoor station will play a tone.
- Hold the door opener button pressed and press the button again to change the tone.
- Release the door opener button when you have chosen the tone you want. The tone is now programmed.

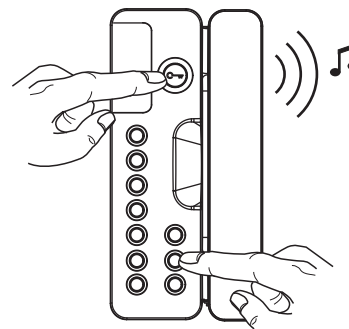


The selected call ring tone is the same for all door phone calls. However, the call ring tone source can be identified thanks to the call ring tone timing:

Call source	Time	Ring total duration
Main call station	3 s ON	3 s
Secondary call station	0,4 s ON 0,2 s OFF for 5 times	2,8 s
Intercom	0,5 s ON 0,5 s OFF for 3 times	2,5 s
Switchboard	0,1 s ON 0,05 s OFF for 3 times pause 0,2 s repeated for 5 times	2,8 s

FLOOR CALL TONE

- Hold the door opener button pressed. Press and release the button . The indoor station will play a tone.
- Hold the door opener button pressed and press the button again to change the tone.
- Release the door opener button when you have chosen the tone you want. The tone is now programmed.



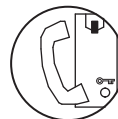
PROGRAMMING DATA DELETION

Proceed as follows to delete all optional programming data (intercom calling code):

- Hold the door opener button pressed and pick up the handset.
- Press and at the same time for 3 seconds until you hear the deletion tone.
- Release buttons and and hang up.

The deletion procedure will not change the programmed calling tones.

Warning: when programmed data are deleted, also the column code will be deleted; it will be automatically acquired after about 5 minutes.




ACCESSORIES

KIT FOR TABLETOP MOUNTING Ref. 1140/51

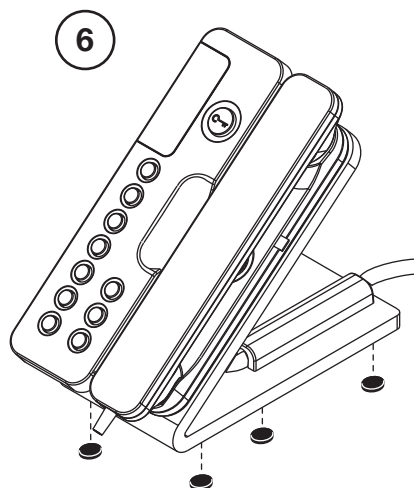
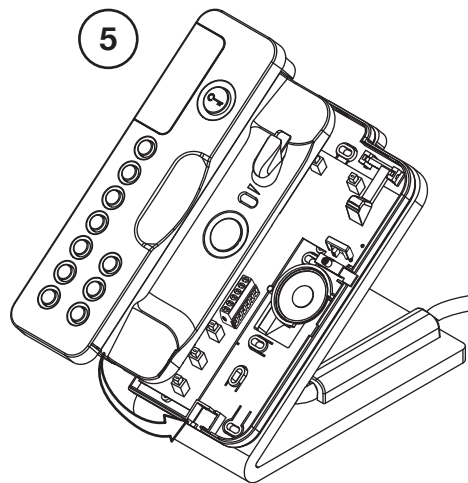
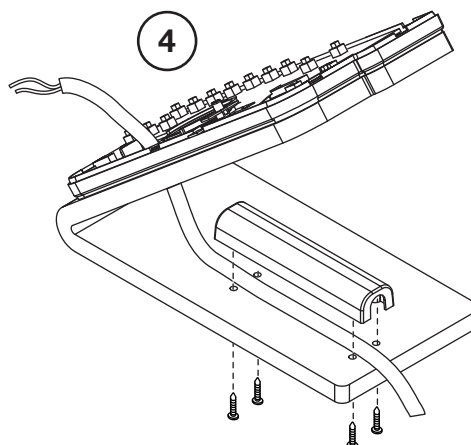
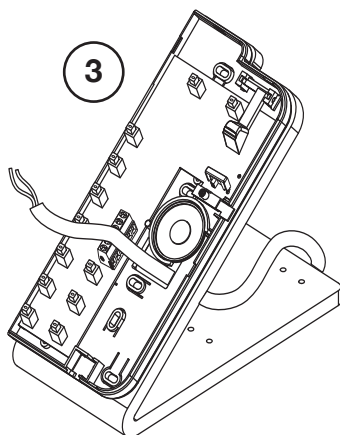
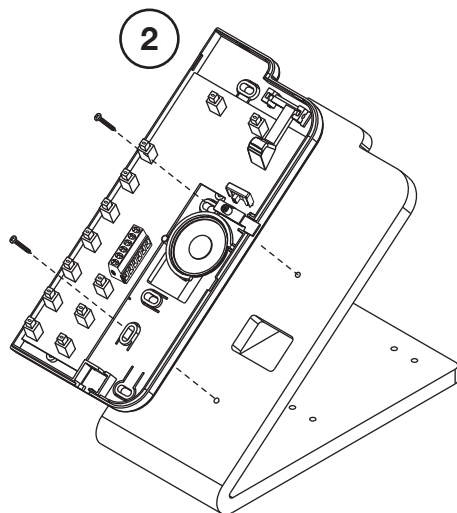
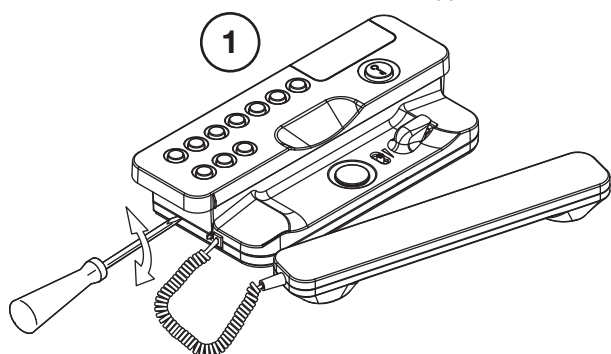
Signo door phone can be table-top installed. In this case, buy the suitable support.


For installation, follow the procedure below:

1. Remove the door phone cover.
2. Fix the door phone base to the support.
3. Insert the cable in the suitable hole and perform connections.
4. Fix the cable to the support

 The system cable must not be connected to the wiring junction box provided with the table-top kit, but directly to the door phone.

5. Close the door phone cover.
6. Mount the feet on the bottom side of the support.



 With the table-top kit, in-out connection is not allowed.

