User Manual

Tab
7509, 7509/D

Tab entryphone with handset

ELVOX Videocitofonia

2 DUEFILI PLUS

Index

Description

Surface mounting Tab entryphone for Due Fili system with handset, loudspeaker for electronic calls, capacitive keypad for entryphone functions and intercom calls. Equipped with four buttons for the main video door entry functions: door lock release, self-start, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls.

It is possible to control the following: ringtone volume, ringtone muting by activating the "ringtone mute" function ringtone type selection. Possibility to select different ringtones for calls made from different points, e.g.: outdoor station, landing call, intercom call.

LED signalling of "door/gate open" and "Unanswered calls" (up to 4 calls).

To be used in **Due Fili Plus** systems.

Article 7509/D has a hearing aid function.

Before programming, read the instructions carefully to gain a clear idea of the characteristics, functions and features offered.

Call to/from Reception switchboard

Door release of the calling Outdoor Station

Call from Outdoor Station

Outdoor Station Self-start

Auxiliary services activation

Intercoms

Audio frequency function for hearing aids - Teleloop (only for Art. 7509/D)
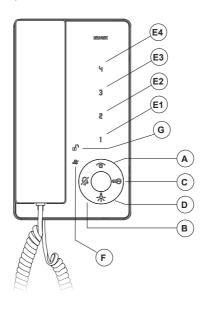
The indoor station can be used by people wearing hearing aids. For correct functioning of the hearing aid, please refer to its instruction manual. Any metal objects or electronic equipment in the vicinity may affect the quality of the sound received by the hearing aid.
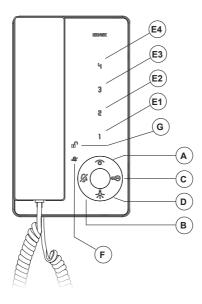
Button function (Front view)

BUTTON		DESCRIPTION
A	📞	**Self-start**: to self-start the entryphone (by default towards the Master outdoor station).
B		**Ringtone mute**: Disables/Enables the ringtone. During a call, the ringtone is disabled for the call in progress and for all subsequent calls. During a conversation, it switches the amplification of the audio received by + 3 dB. Applies even when the entryphone is switched off. It works for all calls. (programming can only be edited using the SaveProg software)
C	🔑	**Lock**: control to release the lock (programming can only be edited using the SaveProg software).
D		**Auxiliary 1 (Stair light)**: For auxiliary service (actuator 1 of relay 69RH or 69PH activated by default).
E1	1	**Push button 1**: Programmable button to activate auxiliary service or intercommunicating call (actuator 2 of relay 69RH or 69PH activated by default).
E2	2	**Push button 2**: Programmable push button to activate auxiliary service or intercom call.
E3	3	**Push button 3**: Programmable push button for auxiliary service or intercom call activation (by default it activates function F1 of the outdoor station, the last caller).
E4	4	**Push button 4**: Programmable push button for auxiliary service or intercom call activation (by default it activates function F2 of the outdoor station, the last caller).

N.B.: if the entryphone is at rest or busy, the buttons must be pressed for at least 0.4 s. In any other state, they are "rapid".

Signalling (Front view)

LED		DESCRIPTION
F		In normal operation: **- Flashing light**: indicates that the entryphone is receiving an incoming call. **- Permanent light**: ringtone muted. If configured via SaveProg: **-** Calls lost: flashing light (1 s off, 9 s on, 10 s cycle). **-** User away: flashing light (0.1 s on, 0.9 s off, 1 s cycle).
		In configuration: **- Flashing light**: indicates that the device is in the configuration state.
G		In normal operation: **- Permanent light**: door open indicator if the sensor has been installed and connected between terminals PA and M in at least one outdoor station. **- Flashing lamp**: "Alert" indicator.
		During adjustment: **- Flashing light**: indicates that the entryphone ringtone volume is being adjusted or the melody being selected.

Operation

The TAB 7509 entryphone is designed to receive calls from Indoor Stations, Outdoor Stations and the Reception switchboard. It can also perform the self-start (from the Outdoor Station, intercom calls with Indoor Stations and the Reception switchboard. Calls can be answered and/or the lock of the Outdoor Station can be released using the dedicated button. Some programmable buttons are also available to activate other functions, such as relay actuation or intercom calls.

Caution: For the indoor station to work, the ID code must have already been configured. To check this press a button on the entryphone: if an ID has been assigned, a beep will sound; if no ID has been assigned or it has been deleted, 3 beeps will sound.

Answering a call

A call from an outdoor station or from an intercom device can be answered during the ringtone cycle or once it has ended. Lift the handset to answer and replace it to end the call.

Receiving a door call

The entryphone can receive calls from a door call button if connected to terminals M and FP directly or via interface 6120 (see wiring versions). When the door call button is pressed, the entryphone rings with a different tone from that generated by a call from an outdoor station or an intercom call. To stop the ringtone, lift the handset.
In the event of a landing call using the push button connected directly to terminals **FP** and **M** of the entryphone, the duration of the ringtone cycle depends on the amount of time the push button is pressed, for a maximum time of 10s. In this case the melody cannot be configured.

Making an intercom call

To make a call to another outdoor station, one or more buttons must have been configured (see "Button configuration" section).
To make a call, lift the handset and press the button configured and referring to the relevant indoor station. During the call, the entryphone emits a tone in order to signal that the call is being made. If the indoor station is already engaged in another call, a tone will be heard on the entryphone making the call to indicate that the user receiving the call is busy. When the called party answers, the communication is automatically activated. Hang up the handset to end the conversation**.**
The maximum conversation time is 5 minutes (by default).

Missed call from switchboard (enabled from SaveProg).

If the function is enabled via SaveProg, the 🔇 "Ringtone mute" button signals when there is no answer to a call received from a reception switchboard.
This signal stops whenever a task is performed: answering a call, making a call or self-starting.

Muting the ringtone during a call

When receiving a call (from an outdoor station, from an intercom device, from a reception switchboard or from a landing call via device Art. 6120) the call ringtone can be muted by pressing button 🔇. The ringtone mute is simultaneously also activated for subsequent calls.

Lock control

Press the lock release button (with the handset replaced or during a conversation) to send the door lock release control to the outdoor station (by default the last calling outdoor station).

Self-start

- **Self-start with dedicated button (button ⌕):** to perform a self-start and communicate with the master outdoor station, lift the handset and press button ⌕ briefly to activate communication. Replace the handset to end the conversation.
- **Self-start with button configured towards a specific outdoor station**: to perform the self-start and communicate with a specific outdoor station, lift the handset and press the button which was configured to call the specific outdoor station (see paragraph: "Configuration of a button for self-starting a specific outdoor station ").

Calling a reception switchboard

To make a call to a reception switchboard (if installed in the system): lift the handset and make the call by pressing button ⚷ .

Alert

Together with reception switchboard 40510, the indoor station creates a system that can send a signal to the switchboard operator even when the Due Fili bus is busy. In contrast to other indoor stations, it is possible to use only the pair of terminals FP-M as an input, not the keys. In this case the local landing call function is lost. The FP-M operating mode is selected using SaveProg.

1. Activate input FP-M. See below for the description of the two activation possibilities.
2. The indoor station waits to receive the alert from the switchboard. In the meantime, the chosen signalling is sent to the user according to the table below. On receipt of the message, the switchboard emits a double beep and displays a red envelope icon to alert the operator.
3. If it does not receive a reply, the indoor station resends the message every 10 s. After 5 attempts with no reply the indoor station stops sending the messages.
4. When an indoor station receives confirmation of the receipt of the message by the switchboard, the chosen signalling is sent to the user according to the table below. Normally the time between the sending of the request and confirmation of reception is less than a second.
5. Until the switchboard calls the indoor station to service the request, the indoor station resends the message every 120 s. At each message, the switchboard emits two meets and increases count of messages received. The counter can be viewed by opening the list of alerts in the switchboard. The sending of messages never terminates. It continues until the end of the service described in the next point, unless the switchboard is powered off or removed from the system, in which case the indoor station, after 5 unsuccessful attempts starting from the first timeout of 120 s, will return to standby mode and the Alert signal is no longer sent to the user.
6. If the switchboard operator calls the indoor station from the list of warnings, and only from this, a message is sent to the indoor station via the Due Fili bus to end the Alert procedure so the related signal is no longer sent to the user.

Note: if the indoor station is switched off, when it is switched back on again the function starts again from the beginning.

Alert Configuration

Use SaveProg to select some of the characteristics of the Alert function:
1. Enabling
    a. Disabled (default)
    b. Enabled
2. Polarity state active
    a. Contact normally open (default)
    b. Contact normally closed
3. Activation delay
    a. 0.1 s (default)
    b. 0.5 s
    c. 1 s
    d. 2 s
4. Signalling mode
    a. None
    b. LED 🖉 (default)
    c. Sound
    d. Call repeater output

According to the selected signalling type, apart from the first, the timer is as follows:

STATUS	LED timer	Sound timer	Call repeater timer
The indoor station waits to receive the alert from the switchboard	Flashing with a cycle of 0.5 s on / 0.5 s off	A 2 KHz tone for 0.2 s	Activation for 1.6 s every 3.2 s
The indoor station has received confirmation of the receipt of the message from the switchboard	Flashing with a cycle of 0.1 s on / 0.1 s off	A 1 KHz tone for 0.1 s	Activation for 0.4 s every 0.8 s

User configurations

Selecting call tunes

10 different ringtones can be selected. Different ringtones can also be set for outdoor, intercommunicating and door calls (see below). The ringtones must be selected with the entryphone on stand-by and the handset on the hook.

- Button is used to enter configuration mode 👁️.
- Button 1 selects the ENTRANCE PANEL CALL melody.
- Button 2 is used to select the INTERCOM CALL melody.
- Button 3 selects the ringtone for LANDING CALL (solely using the button interface module Art. 6120 or Vimar landing call button xx577).

    Note: In the event of a landing call using the push button connected directly to terminals FP and M of the entryphone, the ringtone can only be changed using the SaveProg software after configuring the "Shared Landing" flag, which is only visible if the ringtone change is supported by the device. To check whether the device supports this function, communicate to Vimar technical support the code shown on the tracking label affixed to the base of the device or on its packaging box. For information ask your sales contact.

Configuration:
1. Press button 👁️ and hold it down (for 2 s), until LED 🔓 begins flashing and the entryphone emits an audible signal.
2. press and hold down the button corresponding to the ringtone to be selected (button 1/button 2/button 3), until you hear the melody on the entryphone.
3. press the button (button 1/button 2/button 3) repeatedly to select the desired melody.
4. After choosing the desired ringtone, press button 👁️ or refrain from touching any buttons for 5s to save. After completing the configuration, the LED flashes and then turns off.

Ringtone volume adjustment

The ringtone volume is adjustable with 6 levels.
The ringtone volume must be adjusted with the entryphone on stand-by and the handset on the hook.

Configuration:
1. Press button 👁️ and hold it down (for 2 s) until LED 🔓 begins flashing and the entryphone emits an audible signal.
3. Press button 🔇 to lower, 🔊 to raise the volume. Each time the buttons are pressed the volume changes by one level.
4. After selecting the desired volume, press button 👁️ or refrain from touching any buttons for 5s to save. After completing the configuration, the flashing LED goes off and a "beep" is emitted.

Ringtone mute

To mute the ringtone, press button 🔇, button lights up as confirmation.

To reactivate it, press 🔇 again, and the button light goes out.

N.B.: During a call, press button 🔇 to disable the ringtone for the call in progress and for all subsequent calls.
Ringtone mute affects all incoming calls (from outdoor station, intercom calls, landing calls, calls from switchboard).

Installer configurations

The basic entryphone configurations are as follows:

- **ID code configuration**, which must be be performed on the entryphone receiving the call individually or on the first indoor station of a group of indoor stations with simultaneous calls (master entryphone/video entryphone).

- **Secondary ID configuration** , to be performed for entryphones associated with a master indoor station.

- **Configuration of the programmable buttons** or changing the default settings of additional buttons, for auxiliary services or intercom calls.

The configurations must be performed with the system switched on, without active communication and only after connecting the indoor stations to the system and after configuring the outdoor stations.

Caution!: all the configuration or deletion phases must be performed with the entryphone handset lifted and held against the user's ear.

The device can be configured in the following ways:

• **"Simplified" configuration mode** via the indoor station buttons.
  N.B.: This configuration mode is available from firmware version 1.06 (also after update).

• **"Standard" configuration mode** via the indoor station buttons.

• **Configuration via the "SaveProg" software** of the Due Fili Plus system.

N.B.: ID configuration is only performed from the indoor station, and is not available via the SaveProg software.

ID code configuration

The ID code is configured by means of a main (MASTER) outdoor station, already configured and present in the system.
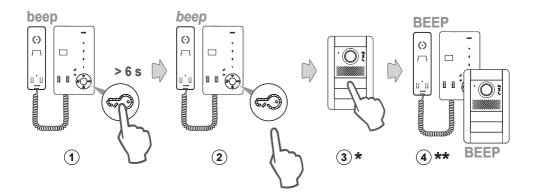The entryphone is supplied without an associated identification code. To verify this, press the lock release button and the entryphone should emit an audible signal (three beeps).

Caution: when configuring the indoor station identification code, you only have 30 seconds from the moment you enter indoor station configuration mode in which to press the call button on the entrance panel or to send the code.

Configuration procedure ("Simplified" mode):

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press and hold down the lock release button " " for 6 s. When the time runs out the indoor station will emit a "beep" (0.5 s).
2. Release the lock release button " ". When the button is released the communication will be signalled by a "beep" with a different frequency.
3. Press the button on the MASTER outdoor station you wish to receive the call from. (*)
4. The ID code is associated with the indoor station and communication is ended. An acoustic signal confirms the operation was successful. (**)

<u>*Configuration procedure in "Standard" mode*</u>

1. Lift the handset and bring it to your ear.
2. Press the ⌧ and ◎ buttons simultaneously and hold them down until the ⬆ button starts flashing.
3. Release the buttons.
4. Press button ⚷ and hold it down (for 2 s) until the handset emits an audible signal and communication between the entryphone and the MASTER outdoor station begins.
5. Release the button ⚷.
   Caution: you will have 5s in which to press button ⚷ (as indicated in step 4). If button ⚷ is not pressed within the 5s, steps 1, 2 and 3 must be repeated.
6. Press the button on the MASTER outdoor station you wish to receive the call from. (*)
7. The ID code is associated with the indoor station and communication is ended. An acoustic signal confirms the operation was successful. (**)

N.B. (*): This procedure applies to entrance panels with push buttons; for alphanumerical entrance panels, type in the ID code and confirm with the call button.
N.B. (**): If the system already contains an indoor station that has the same associated identification code (ID), the outdoor station emits a lower tone beep and the operation will have to be repeated.

Secondary ID code configuration

Configuration of the secondary identification code is only required when more than one indoor station is to be called simultaneously using the same push button or call code. Theindoor stations that are to ring simultaneously must be associated with the same group. The "master" indoor station is configured first by means of the "ID code configuration" procedure described above, while the additional indoor stations in the group are configured with the secondary ID code.

The maximum number of indoor stations that can be associated with the same group without using the SaveProg software is 3 plus a master station.
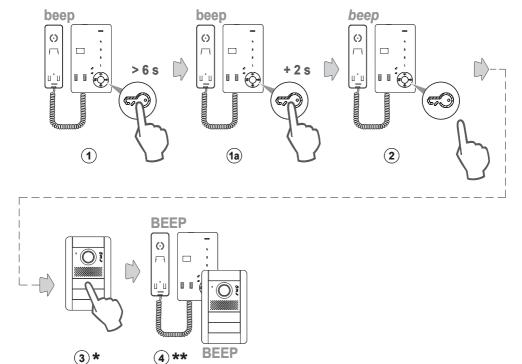
<u>Configuration procedure ("Simplified" mode):</u>

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press and hold down the lock release button "🔑" for 6 s.
    When the time runs out the indoor station will emit a "beep" (0.5 s).
1a. Continue holding down the lock release button "🔑".
    After 2 s more the indoor station emits two "beep" in sequence apart (duration 0.5 s).
2. Release the lock release button "🔑". When the button is released the communication will be signalled by a "beep" with a different frequency.
3. Press the button on the MASTER outdoor station you wish to receive the call from, corresponding to the "master" indoor station. (*)
4. The secondary ID code is associated with the indoor station and communication is ended. An acoustic signal confirms the operation was successful. (**)

Configuration procedure in "Standard" mode

1. Lift the handset and bring it to your ear.
2. Press the ✏️ and 👁️ buttons simultaneously and hold them down until the 🔔 button starts flashing.
3. Release the buttons.
4. Press buttons 👁️ and 🔑 simultaneously and hold them down (for 2 s) until the handset emits an audible signal and communication between the entryphone and the outdoor station begins.
5. Release buttons 👁️ and 🔑.
   Caution: you will have 5s in which to press buttons 👁️ and 🔑 (as indicated in step 4). If 5 s pass without pressing keys 👁️ and 🔑, the procedure in steps 1,2,3 must be repeated.
6. Press the button on the MASTER outdoor station you wish to receive the call from. (*)
7. The ID code is associated with the indoor station and communication is ended. An acoustic signal confirms the operation was successful. (**)

Caution: when configuring the primary and secondary ID, the entryphones being configured automatically acquire a code that depends on the association with the call button or code used to call the outdoor entrance panel.
Example: If ID = 8 is given to a second entryphone, the automatic second entryphone identification attribution procedure will automatically assume ID = 72 (73 or 74 if 72 and / or 73 already exist).
When a call is made to ID = 8 all the indoor stations in the group will ring and you will be able to answer from any one of them. If, on the other hand, you enter 72 (in the case of an alphanumerical entrance panel) which corresponds to the ID assigned automatically by the procedure, a ringtone is emitted by the entryphone for which the secondary ID assignation procedure was carried out and only this entryphone can be used to answer the call.

N.B.: _to delete from a group, the configuration deletion procedure described in the "Default data restore procedure" section must be performed._

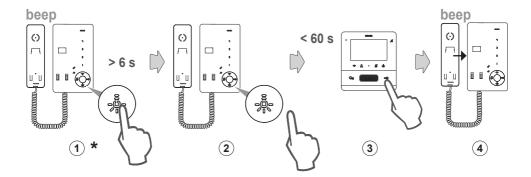## Button configuration

Button configuration procedure for intercom calls (1, 2, 3, 4, ☼)

Configuration procedure ("Simplified" mode):

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press the button to be configured and hold it down for at least 6 s.
2. When the indoor station has emitted a "beep" release the button being configured.
3. Within 60 s, press the lock release button on the indoor station you want to call.
4. Another "beep" confirms the button for intercom calls has been configured.

beep   **> 6 s**   **< 60 s**   **beep**

① *   ②   ③   ④

Configuration procedure in "Standard" mode

1. Lift the handset of the entryphone to be configured (caller) and bring it to your ear.
2. Simultaneously press buttons 🗝 and 📷 on the **entryphone to be configured (caller)** and hold both buttons down until LED ☼ starts flashing.
3. Release buttons 🗝 and 📷.
4. Press and hold down the button to be configured.
5. Wait until the entryphone handset emits a continuous tone.
6. Release the button to be configured on the **calling entryphone.**
7. Press a button **on the indoor station to be called** (lock release/F1/F2/Stair light/Relay).
8. An audible signal in the handset of the **(calling) entryphone being configured** confirms that the procedure has been completed correctly.
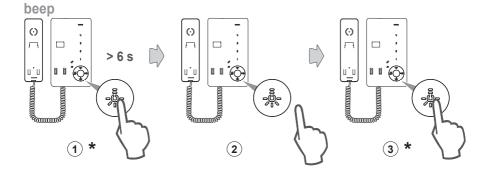
Restoring the default configuration of each individual button (1, 2, 3, 4, ⚙)

Configuration procedure ("Simplified" mode 1):

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.
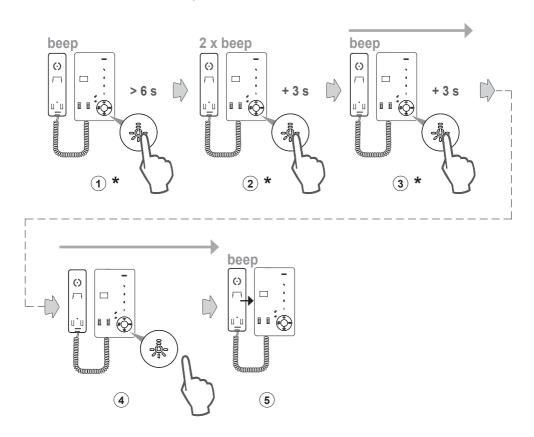
1. Press the button you want to restore to its default configuration and hold it down for at least 6 s. After 6 seconds the indoor station emits a "beep" (high tone).
3. Release the button.
3. Press it again to restore to the default configuration.

beep

> 6 s

Configuration procedure ("Simplified" mode 2):

1. Press the button you want to restore to its default configuration and hold it down for at least 6 s. After 6 seconds the indoor station emits a "beep" (high tone).
2. Continue holding down the button to be reset.
   After 3 s more, the indoor station emits two "beeps".
3. Continue holding down the button to be reset.
   After 3 s more, the indoor station emits a long tone to indicate that the button has been reset.
4. Release the button
5. The indoor station emits another "beep".

Configuration procedure in "Standard" mode

1. Lift the handset and bring it to your ear.

2. Press the ⚏ and ☎ buttons simultaneously and hold them down until the ⚏ button starts flashing.

3. Release buttons ⚏ and ☎.
4. Press and hold down the button you want to return to its default configuration.
5. Wait until the entryphone handset emits an audible signal.
6. Release the button.
7. Press the button again to confirm. The entryphone in the handset will again emit a signal. The button has now been restored to its default value.

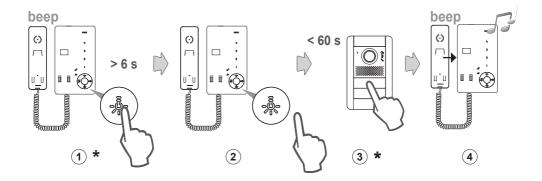**Caution**: for buttons ⚿ and ☎ the SaveProg software is required.

Configuration of a button for self-starting a specific outdoor station (1, 2, 3, 4, ☀)

(different from the self-start function enabled using button 👁)

<u>Configuration procedure ("Simplified" mode):</u>

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press the button to be configured and hold it down for at least 6 s.
2. When the indoor station has emitted a "beep", release the button to configured.
3. In the outdoor station you wish to configure the self-start, press the call button corresponding to the indoor station being configured. (*)
4. A high tone confirms the end of the procedure. The indoor station will be called by the outdoor station concerned.

beep   **< 60 s**   **beep**

> 6 s

① *   ②   ③ *   ④

<u>*Configuration procedure in "Standard" mode*</u>

1. Lift the handset and bring it to your ear.
2. Press the ✍ and 👁 buttons simultaneously and hold them down until the 🔑 button starts flashing.
3. Release buttons ✍ and 👁.
4. Press and hold down the button to be configured.
5. Wait until the entryphone handset emits an audible signal.
6. Release the button.
7. In the outdoor station you wish to configure the self-start, press the call button corresponding to the indoor station being configured. (*)
8. At the end of the procedure described above, the entryphone handset emits an audible signal to indicate that the procedure has been completed correctly.
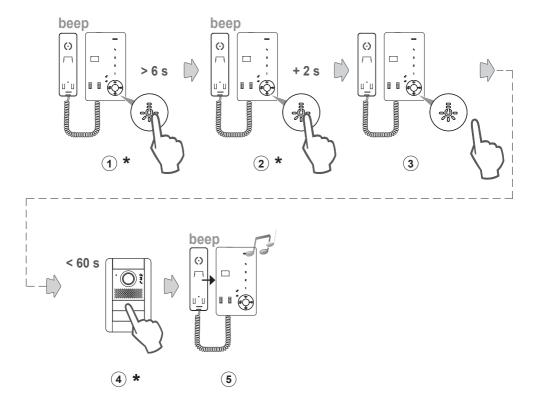
Configuration of a button for lock release of a specific outdoor station (1, 2, 3, 4, ☼)

<u>Configuration procedure ("Simplified" mode):</u>

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press the button to be configured and hold it down for at least 6 s until the indoor station emits a first "beep" followed by another two "beeps" in sequence.
2. Continue holding down the button to be configured "⚷"
   After 2 s more the indoor station emits two "beeps" set apart (duration 0.5 s with a space in between).
3. Release the button being configured.
4. From the outdoor station concerned, make a call to the indoor station being configured.
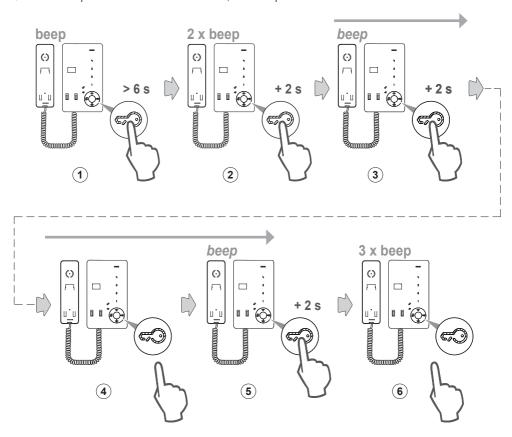5. The indoor station receives the call and confirms that the button has been configuration with a new "beep".

Default data restore
(Deleting configuration settings)

<u>Configuration procedure ("Simplified" mode):</u>

Raise the handset and bring it to your ear to listen to the sound feedback emitted by the entryphone during the configuration phase.

1. Press and hold down the lock release button "🔑" for 6 s.
   When the time runs out the indoor station will emit a "beep" (0.5 s).
2. Continue holding down the lock release button "🔑".
   After 2 s more the indoor station emits two "beeps" set apart (duration 0.5 s with a space in between).
3. Continue holding down the lock release button "🔑".
   After 2 s more, the indoor station emits a continuous tone for 5 s
4. Release the lock release button "🔑".
5. While the indoor station is still emitting a continuous tone, press the lock release button "🔑".
6. Release and press the lock release button "🔑", three "beeps" will be emitted.

Configuration procedure in "Standard" mode

1) Lift the handset and bring it to your ear.

2) Simultaneously press buttons 🔔 and 📞 on the **entryphone to be configured (caller)** and hold both buttons down until LED 🔑 starts flashing.

3) Release the 🔔 and 📞 buttons.

4) Press and hold down the key 📞 again.

5) When the entryphone handset emits an audible signal, during the sound, release button 📞 and briefly press button 🔑.

The entryphone configurations have now been deleted. To check that the configurations have been deleted, press button 🔑, the entryphone handset should emit an audible signal.

• **Regulatory compliance.**
EMC directive. RoHS directive.
Standards EN 62368-1, EN 61000-6-1, EN 61000-6-3, EN 60118-4 EN IEC 63000.
REACH (EU) Regulation no. 1907/2006 – art.33 The product may contain traces of lead.

• **WEEE - User information.** The crossed bin symbol on the appliance or on its packaging indicates that the product at the end of its life must be collected separately from other waste. The user must therefore hand the equipment at the end of its life cycle over to the appropriate municipal centres for the differentiated collection of electrical and electronic waste. As an alternative to independent management, you can deliver the equipment you want to dispose of free of charge to the distributor when purchasing a new appliance of an equivalent type. You can also deliver electronic products to be disposed of that are smaller than 25 cm for free, with no obligation to purchase, to electronics distributors with a sales area of at least 400 m^2. Proper sorted waste collection for subsequent recycling, processing and environmentally conscious disposal of the old equipment helps to prevent any possible negative impact on the environment and human health while promoting the practice of reusing and/or recycling materials used in manufacture.

• Installation must be carried out by qualified persons in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.

• **Warnings for the user**
Do not open or tamper with the appliance.
In the event of faults, contact specialized personnel.
Maintenance
Clean using a soft cloth.
Do not pour water onto the appliance and do not use any type of chemical product.

• **For further information, visit www.vimar.com**