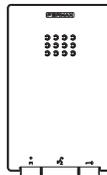


VDS iLOFT TELEPHONE

MANUAL DE USUARIO USER'S MANUAL MANUEL D'UTILISATION BENUTZE
MANUAL DO USUÁRIO MANUAL DE USUÁRIO USER'S MANUAL MANUEL D'
HANDBUCH MANUAL DO USUÁRIO MANUAL DE USUARIO USER'
UTILISATION BENUTZERHANDBUCH MANUAL DO USUÁRIO MA
UAL MANUEL D'UTILISATION BENUTZERHANDBUCH MANUAL
INSTALADOR INSTALLER'S MANUAL MANUEL D'INSTALLATION
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NSTALLATION INSTALLATIONSHANDBUCH MANUAL DO INSTALA
USUARIO USER'S MANUAL MANUEL D'UTILISATION BENUTZE



CONGRATULATIONS ON PURCHASING THIS QUALITY PRODUCT!

Fermax electronics develops and manufactures well known systems that meet the highest standards of design and technology.

Your FERMAX video door entry system will allow you to communicate with the entry panel, see who is calling you and open the front door if you wish. We hope you enjoy its range of functions.

www.fermax.com.

Technical publication of an informative nature published by FERMAX ELECTRONICA S.A.E.

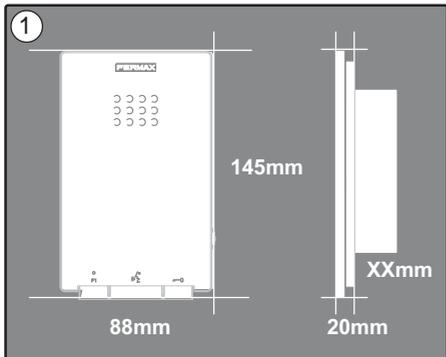
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Any modification will be reflected in subsequent editions of this document.

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TELEPHONE INSTALLATION

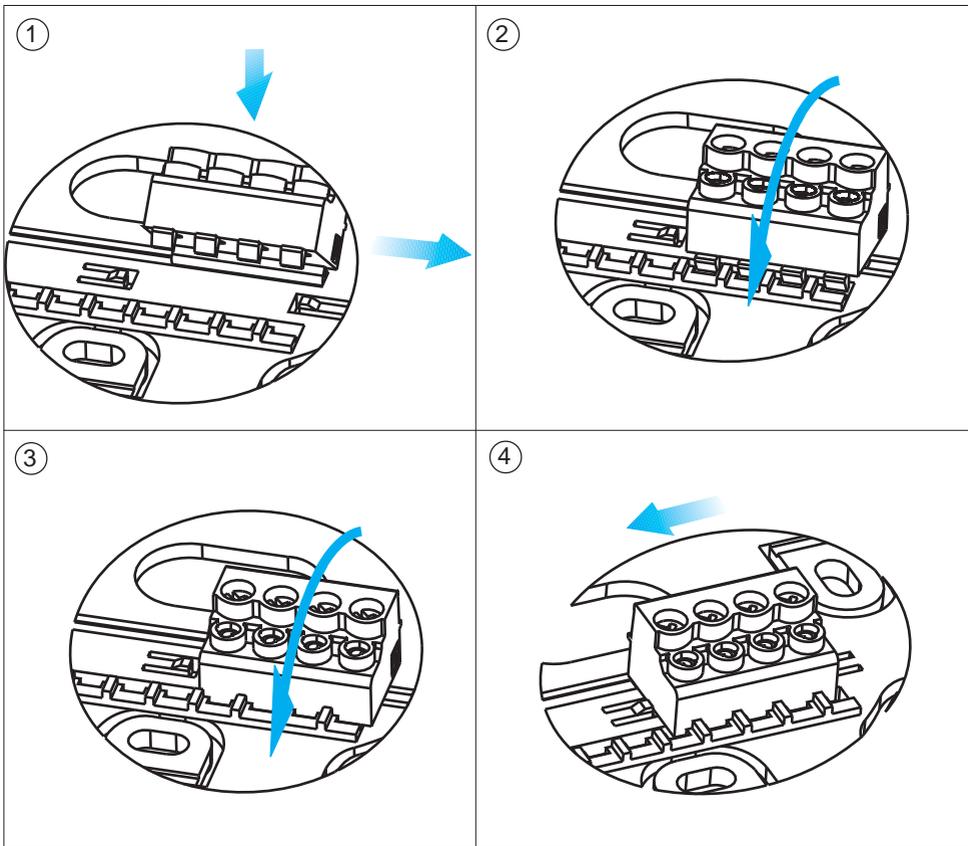


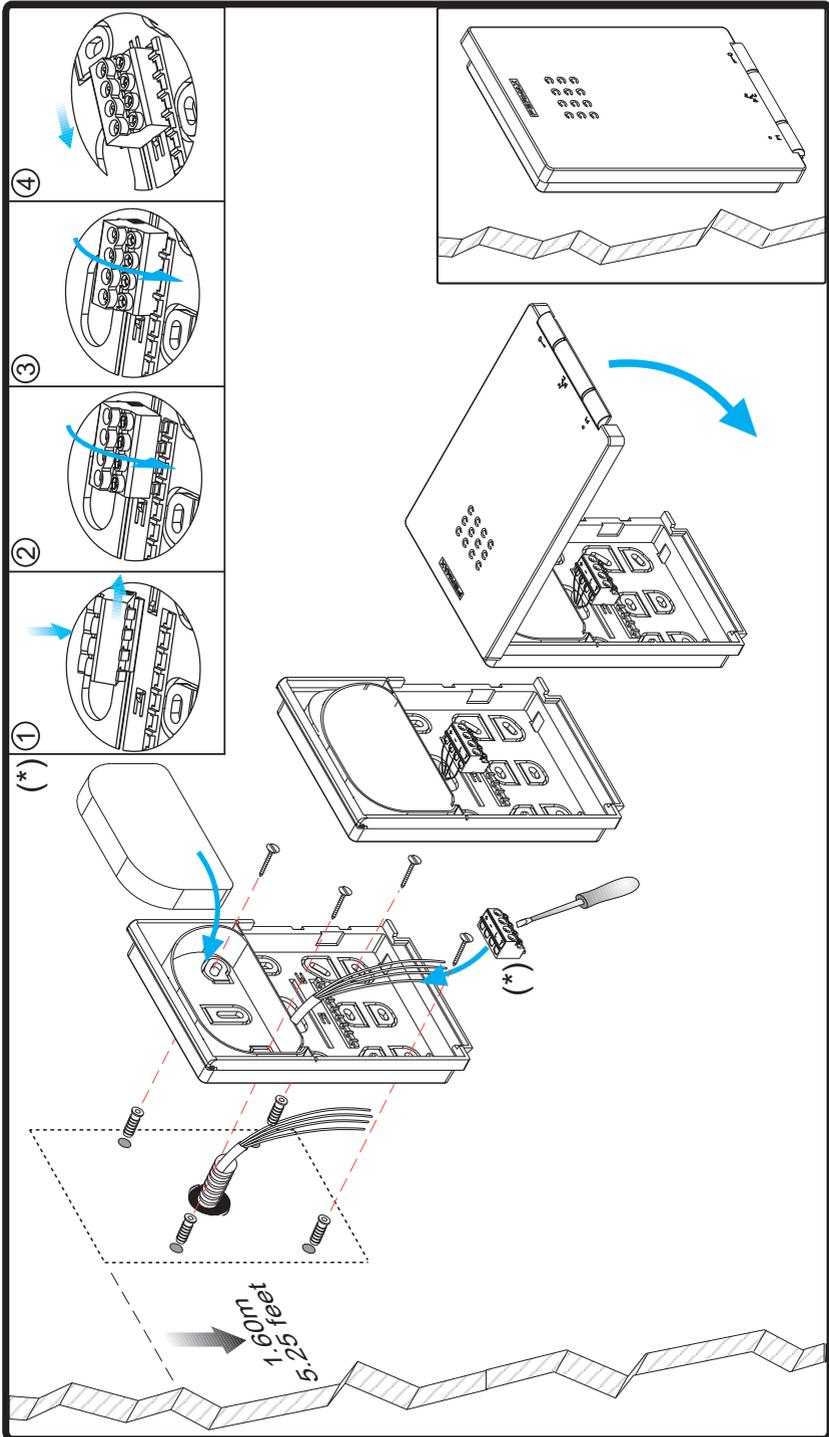
Telephone Dimensions(Height x Width x Depth*.):
146 x 90 x 20 mm

Note:

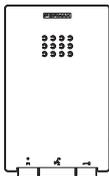
- this telephone can be installed directly at surface level, attached to the wall or in a standard flush mounted box.
- **XX** : standard box.

Grid Positioning Details





CONNECTIONS



Connection

• **Connection Terminals:**

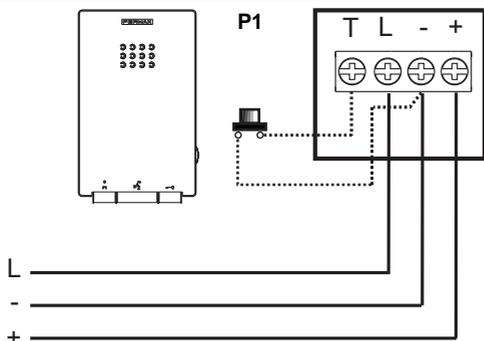
- + , - : power supply (18 Vdc).
- L : data bus.
- T, - : Call Button Connection for Residential Door (**P1**)

• **CN1 Connector:**

1. +: Positive VDS (+18 Vdc)
2. -: Negative VDS
3. L: VDS Audio and Data
4. T: Doorbell Connection
 - Supported via a negative wire
 - NA Contact

• **CN2 Connector** : 2.54mm molex connector for the speaker

DIAGRAMS



P1: An external button can be installed to act as a «doorbell»

CAPACITY.

- Number of terminals per residence: maximum 4.
- Number of terminals per block: 199.
- Number of communication channels: 1.
- Wiring: 3 polarised wires. CAT-5 compatible.
- Number of different ringtones available: 5.
- Call volume regulation (8 levels).
- Maximum conversation time. 90 seconds
- Maximum time to pick up on receiving the call: 30 seconds
- Maximum time to programme the telephone: 150 seconds.
- Default conversation mode: Duplex.

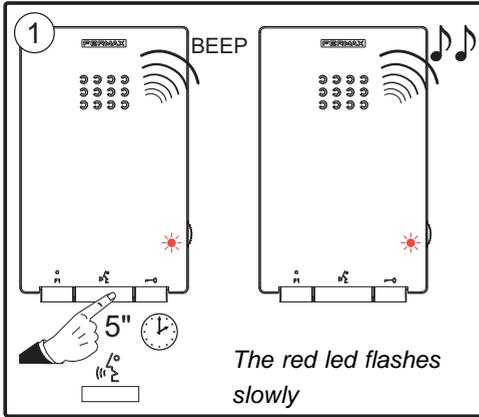
TECHNICAL FEATURES

	Power Supply	18 Vdc
	Consumption	on standby with audio
Operating Temperature		[5, +40 °C]
Humidity		[5 - 95%]
Telephone Dimensions(Height x Width x Depth*.):		146 x 90 x 20 mm

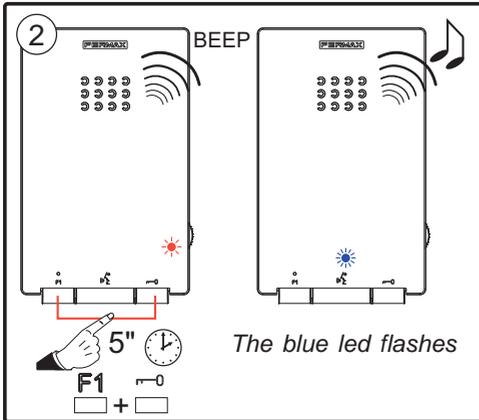
PROGRAMMING THE iLOFT TELEPHONE

1^o. Programming an address from the entry panel (main)

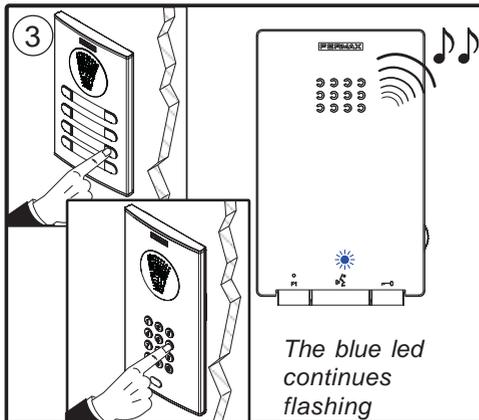
With the telephone connected:



1. The user should start from the «Ringtone Selection» configuration menu. Press and hold the button for 5 seconds until you hear a «beep» then release, a ringtone will sound on the main panel and the red led will flash slowly. While in this mode:



2. Press the F1 and the button simultaneously for 5 seconds until you hear a tone (BEEP). Releasing the button sends a panel configuration command (blue led flashing).



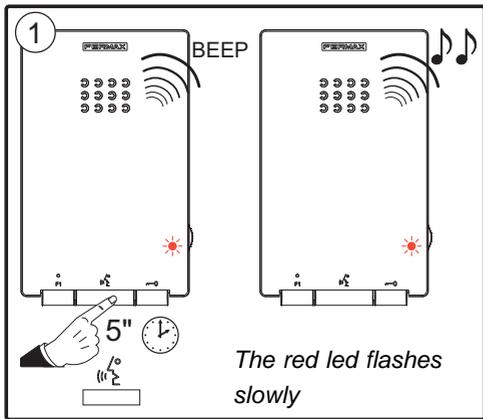
3. Press the button/residential call code from the panel. A confirmation tone will sound on the telephone. The telephone is now programmed.

Note: When the telephone has not been programmed the blue led will flash very slowly.

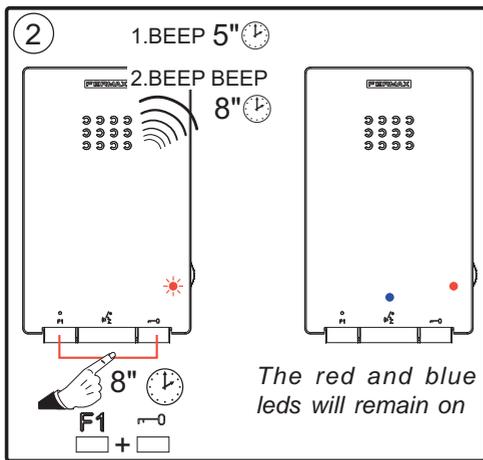
2º. Programming the address from the telephone.

The call code can be programmed on the telephone without the need for a call from the entry panel.

With the telephone connected:

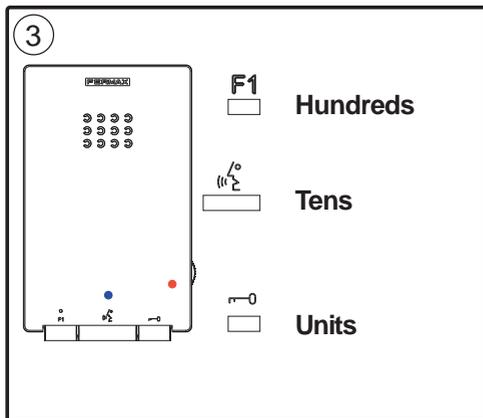


1. The user should start from the «Ringtone Selection» configuration menu. Press F1 and hold the button for 5 seconds until you hear a «beep» then release, a ringtone will sound on the main panel and the red led will flash slowly. While in this mode:



2. Press the F1 and the Call button simultaneously for 8 seconds until you hear a double tone (BEEP BEEP) and release. The blue and red led remain on.

Note: after 5 seconds you will hear a BEEP, continue to hold down the F1 and Call button for the 8 seconds until you hear the double BEEP.

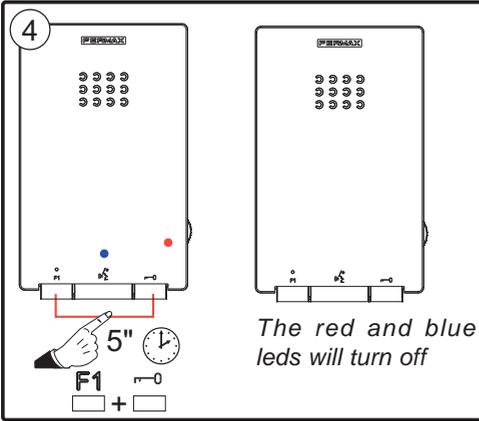


3. The user presses the telephone buttons corresponding to hundreds, tens and units to configure the code.

Every time one of these buttons is pressed a BEEP will sound and the corresponding number will increase, always starting from 000.

Once you reach 9 pressing the button again will return you to 0 and an error tone will sound. The next time you press the button it will start from the number 1.

Note: In this case no audio will be available on the entry panel.



4. The address is confirmed pressing the F1 and 0 button simultaneously for 5 seconds. We know the address has been programmed because the red and blue leds turn off (return to standby mode).

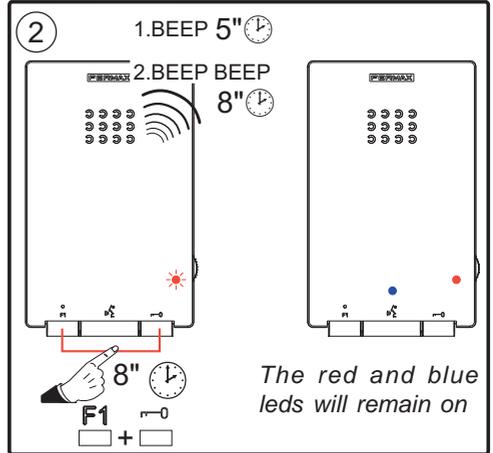
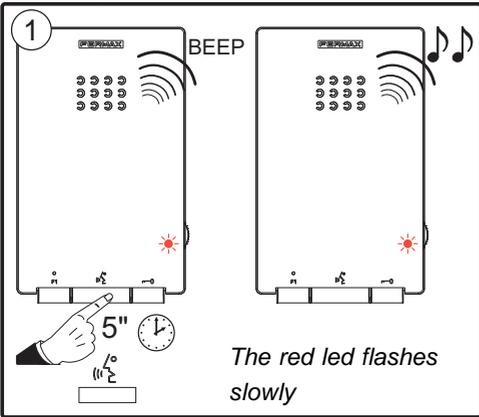
If this is not pressed no address will be confirmed.

Note: If 60 seconds elapse without you having confirmed the selected address, the monitor will remain programmed with the last address stored before entering programming mode.

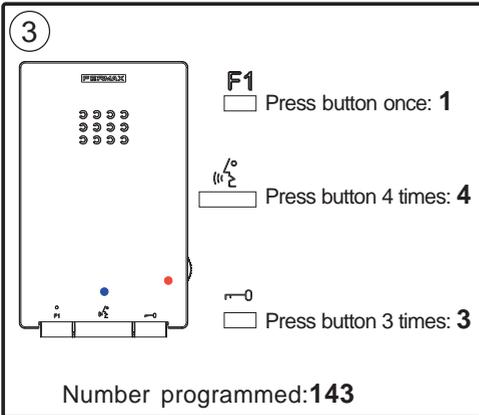
Note: When the telephone has not been programmed the blue led will flash very slowly.

Example: Programming Code 143.

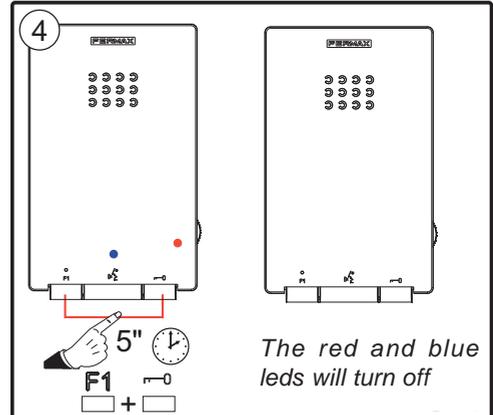
1. Access to the «Ringtone Selection» configuration menu.
2. Access to the «Address via telephone» programming menu.



3. Press code 143.



4. Save new address and return to standby.



iLOFT TELEPHONE SETTINGS

Ringtone Selection.

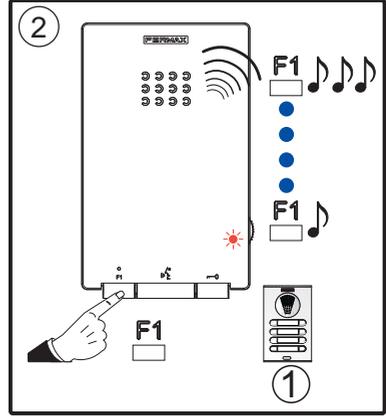
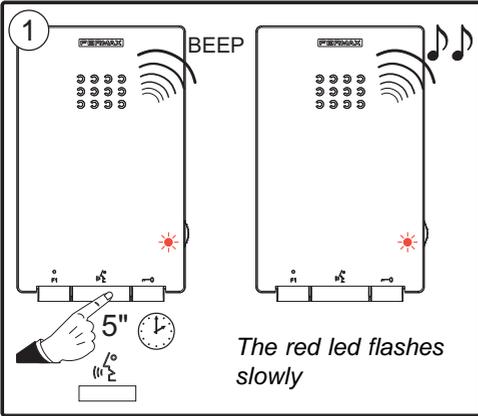
The telephone allows you to select different ringtones for calls from the main panel and the secondary panel.

Accessing «Ringtone Selection» Mode:

From standby mode:

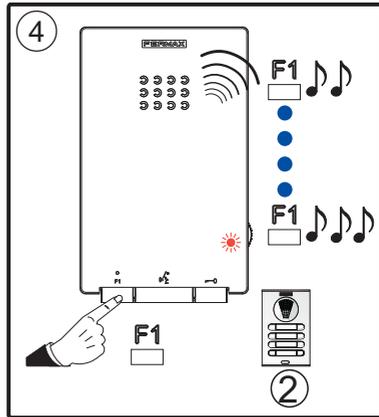
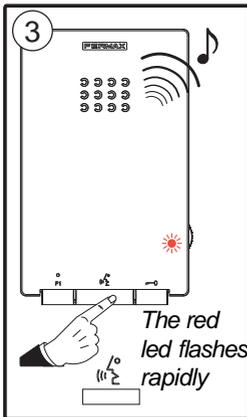
Ringtone for calls coming from the Main Panel:

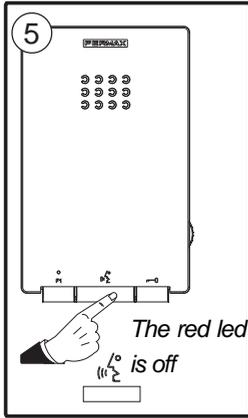
1. Press $\mu\text{Σ}$ and hold the button for 5 seconds until you hear a «beep» then release, a ringtone will sound on the main panel and the red led will flash slowly.
2. Press the F1 button to select the ringtone, (circular sequence), the last one played will be the one selected. Red led - slow flash.



Ringtone for calls coming from the Secondary Panel:

3. While in «Ringtone Selection for Main Panel» mode press the $\mu\text{Σ}$ button to select «Ringtone Configuration for Secondary Panel, the secondary panel's ringtone will sound and the red led will flash rapidly.
4. Press the F1 button to select the ringtone, (circular sequence), the last one played will be the one selected. Red led - slow flash.





Exit ringtone selection (standby):

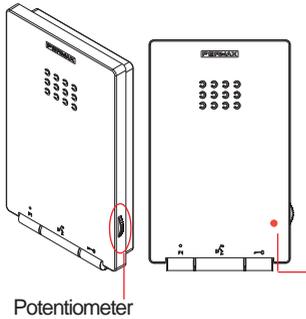
5. While in «Ringtone Selection for Secondary Panel» mode press the $\mu\text{Σ}$ button to return to standby mode (red led off).

Note:

- The current ringtone will sound on entering each option.
- If you want to listen to the current ringtone without changing it, press the $\mu\text{Σ}$ button twice consecutively.
- The ringtone volume will depend on the setting selected on the lateral potentiometer.
- The volume can be altered while playing the ringtones.

Call Volume Regulation

Starting from standby mode, use the potentiometer to adjust the call volume to any setting between the maximum and minimum levels (8 settings).

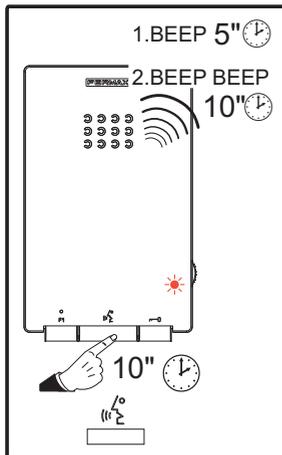


Note:

- The setting affects all ringtones generated by the telephone: entry panels and doorbell.
- To hear the selected setting you can: make a call from the entry panel. enter ringtone selection mode.
- Call volume regulation does not affect the input audio settings.
- If during call volume regulation the potentiometer is turned down to its minimum level, a constant red led will light up to indicate that the call has been disconnected.

Resetting Parameters

To set all the telephone parameters to default without deprogramming the call number, (useful when the user has doubts over the parameters programmed).



Press and hold the $\mu\text{Σ}$ button for 10 seconds. The telephone will emit a short double beep and will reset all parameters to their default settings without deprogramming the call code.

Note:

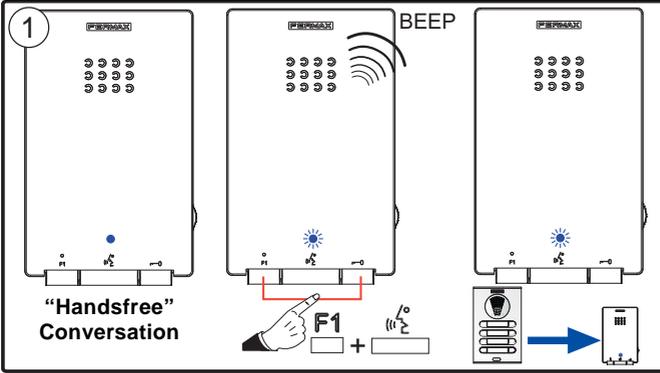
- The parameters reset to default are: automatic opening mode disconnected, audio and call volume settings, hands free mode.

Simplex Conversation Mode.

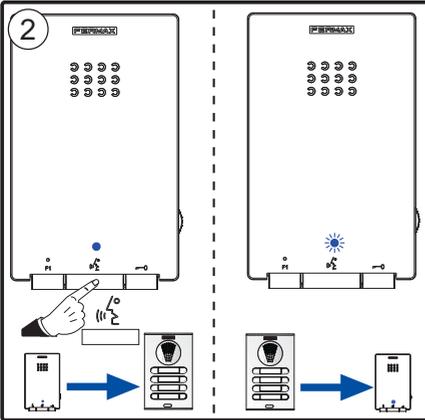
Default conversation mode on the telephone is «handsfree»

During a «handsfree» conversation, you can reset to simplex conversation mode (press the $\mu\text{Σ}$ button to speak and release to listen).

1. From «handsfree» mode: press the F1 and $\mu\text{Σ}$ button simultaneously until you hear a «BEEP» and see the blue led flashing intermittently, while input audio remains active (you can hear the panel on the telephone).



audio channel
Entry Panel - Residence

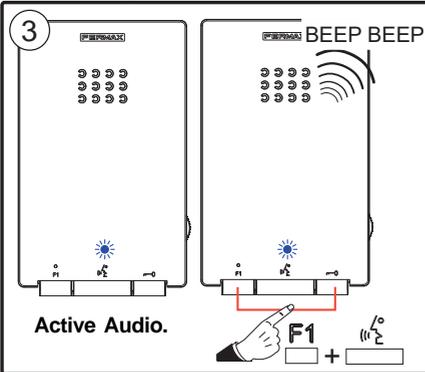


audio channel
Residence - Entry Panel audio channel
Entry Panel - Residence

2. From this point every time you press the $\mu\text{Σ}$ button, the output audio channel will activate (you will hear the telephone on the panel) and a constant blue led will light up.

On releasing the $\mu\text{Σ}$ button the input audio channel will activate (you will hear the panel on the telephone) and the intermittent blue led will light up.

Once you enter «simplex mode» it will remain activated by default. The next time the audio is connected, the input channel will activate when you press the $\mu\text{Σ}$ button (short press).

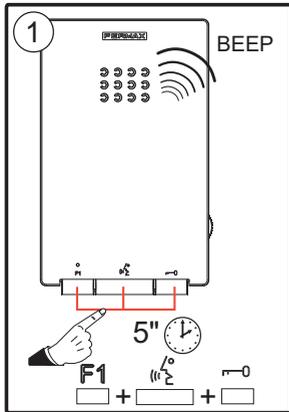


3. To re-establish «handsfree» conversation mode once the audio channel is open, press the F1 and $\mu\text{Σ}$ button simultaneously until you hear «BEEP BEEP».

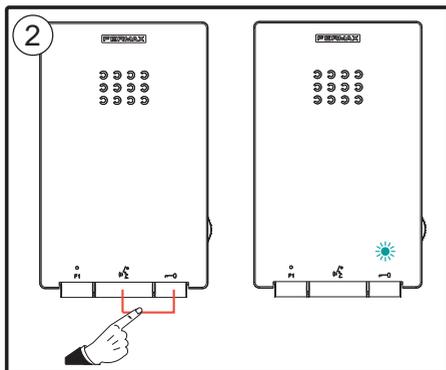
Automatic Opening (DOORMATIC).

In this mode, when a call is received from the entry panel the lock-release is activated once the ringtone stops.

The open door function is disabled by default.



1. To **enable** this mode, hold down the three buttons simultaneously for 5 seconds until you hear a BEEP: F1 button,  button and  button.

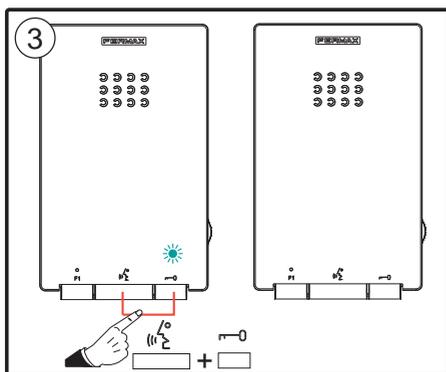


2. To **activate** the function, you must hold down  button and  button simultaneously until you see the green light flashing.

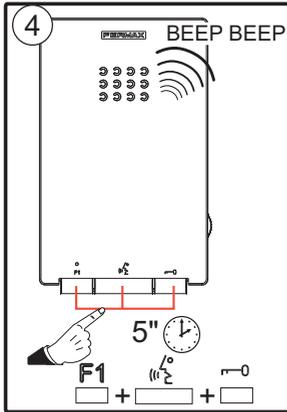
Once this is activated the door will automatically open when a call is received.

Note:

- The automatic door function **CANNOT** be activated if it has not be previously enabled.



3. To **deactivate** the function, you must hold down  button and  button simultaneously until you see the green light turn off.

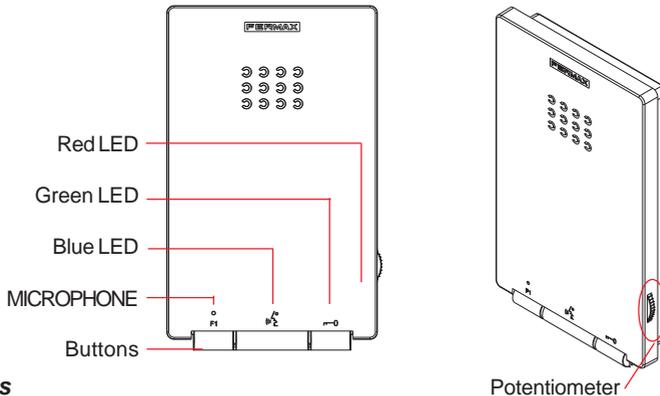


4. To **disable** this mode, hold down the three buttons simultaneously for 5 seconds until you hear a BEEP BEEP: F1 button, $\frac{1}{2}$ button and \rightarrow button.

Note:

- There is also an option to connect a timer to the doorbell (if this is not being used) so that the automatic opening function is activated and deactivated each day at certain times. If activated for a period of 30 seconds it determines that the automatic door function should be activated. When this doorbell feature is deactivated this function will also be deactivated.

iLOFT TELEPHONE OPERATION

**Buttons**

 Lock Release / Call Guard Unit Button



Pressing this button activates the lock-release. The door can be opened at any time.

When you press this button with the telephone on the hook, a call will be made to the guard (*where one exists).



Audio activation, hang up and auto-start button.

On receiving a call the user has 30 seconds to answer. The blue led flashes during this time to indicate a call waiting.

- *Audio activation:* when a call is received, press and release this button to speak to the visitor. The audio channel between the entry panel and the residence is opened; operating in hands-free mode. The blue led will remain on indicating that a conversation with the entry panel is underway.
- *Hang-Up:* press to end communication, if not the conversation will be disconnected after 90 seconds. Once disconnected the blue led will turn off.
- *Auto-start (main panel):* on standby, press and release this button (the blue led lights up).

Note:

- *The conversation is private, no other terminal can hear it.*
- *«Handsfree» mode is default mode.*
- *While the audio channel is open the input audio can be regulated with the potentiometer, without affecting the call volume. The selected setting will not be altered if the call volume is subsequently adjusted.*
- *If the channel is busy an error tone «BEEP» will be generated and auto-start will not activate.*
- *If the telephone is configured in «simplex mode», (press to speak and release to listen), the audio channel will be activated to hear sound at street level.*
- *The auto-start function is always used on the main panel except where a call is received on the secondary panel. Once the conversation is over auto-start will activate on the secondary panel for 30 seconds. After this time it will activate on the main panel.*
- *During the conversation «handsfree» can be adjusted to «simplex mode».*

F1 F1: Button for Additional Functions.

No function in this model.

Led Signals

STATUS (Telephone)	Blue Led 	Green Led 	Red Led
Not programmed	very slow intermittent		
Standby			
Call	rapid intermittent		
Handsfree audio	constant		
Output Audio (simplex mode)	constant		
Input Audio (simplex mode)	slow intermittent		
Do not Disturb			constant
Auto Opening (Doormatic)		slow intermittent	
Select Ringtone Panel 1			slow intermittent
Select Ringtone Panel 2			rapid intermittent
Address Programming	constant		constant

AVAILABLE FUNCTIONS

- Door Opening and Automatic Door Opening (DOORMATIC)
- Call to Guard (where one exists)
- Call volume regulation (8 levels)
- Call Disconnection (Do not Disturb)
- Ringtone Selection (5 options)
- Doorbell
- Programming via the terminal and via the entry panel
- Input audio volume regulation

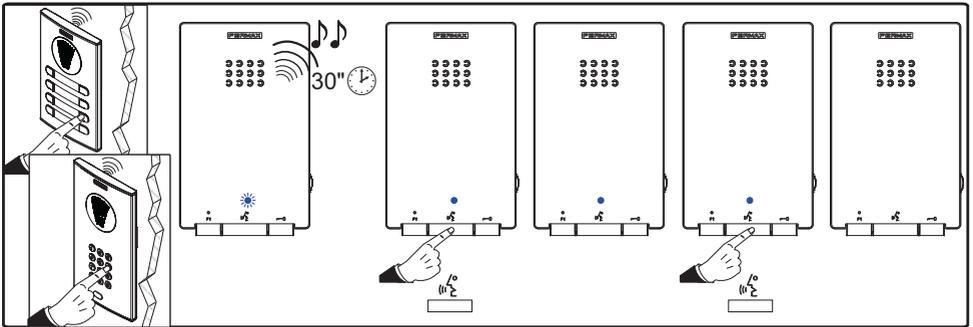
Operation

Answering a call.

When the call button on the **entry panel** is pressed a call tone is emitted both from the entry panel and the telephone.

On receiving a call on the telephone the user has 30 seconds to answer. The blue led flashes during this time to indicate a call waiting.

- **Audio activation:** When a call is received, press and release $\mu\zeta$ button to speak to the visitor. The audio channel between the entry panel and the residence is opened; **operating in hands-free mode**. The blue led will remain on indicating that a conversation with the entry panel is underway.
- **Hang-Up:** press $\mu\zeta$ to end communication, if not the conversation will be disconnected after 90 seconds. Once disconnected the blue led will turn off.
- **Auto-start (main panel):** while on standby, press and release $\mu\zeta$ button (the blue led lights up).



While in simplex conversation mode (press the $\mu\zeta$ button to speak and release to listen).

When the call button on the **Entry Panel** is pressed a call tone is emitted both from the entry panel and the telephone.

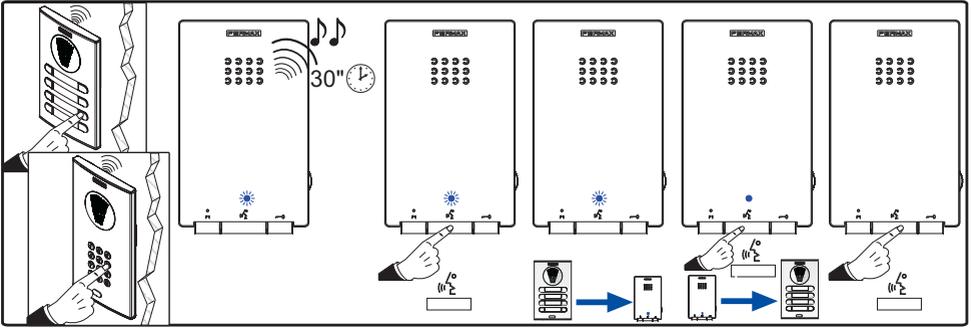
On receiving a call on the telephone the user has 30 seconds to answer. The blue led flashes during this time to indicate a call waiting.

- Press and release the $\mu\zeta$ button, the blue led will continue to flash, the input audio will remain active (you will hear the panel on the telephone).

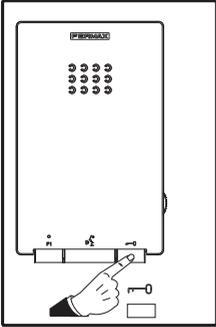
From this point every time you press the $\mu\zeta$ button, the output audio channel will activate (you will hear the telephone on the panel) and a constant blue led will light up.

On releasing the $\mu\zeta$ button the input audio channel will activate (you will hear the panel on the telephone) and the intermittent blue led will light up.

- **Hang-Up:** press $\mu\zeta$ to end communication, if not the conversation will be disconnected after 90 seconds. Once disconnected the blue led will turn off.
- **Auto-start (main panel):** with the telephone on standby, press and release this button $\mu\zeta$ (short press), the blue led lights up (indicates simplex mode).



audio channel audio channel
Entry Panel - Residence Residence - Entry Panel



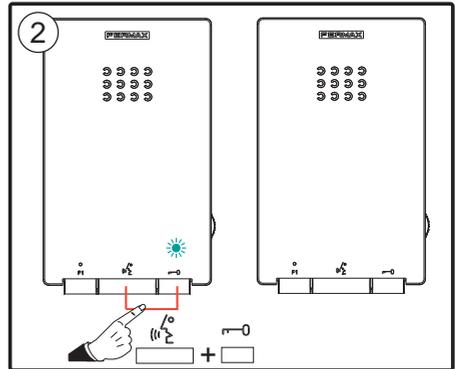
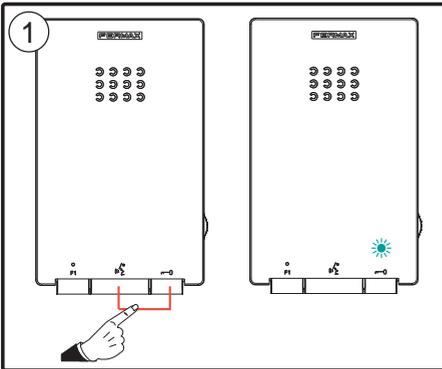
Opening the Door

When a call is received from the entry panel, you can open the door at any time, by pressing the button

«Automatic Opening» (DOORMATIC) Mode

With «Automatic Opening» **activated**, when a call is received from the entry panel, the lock-release is activated once the ringtone stops.

The open door function is disabled by default. It must be **pre-enabled** (by the installer), **to be able to be activated** by the user.



1. To **activate** the function, you must hold down the button and button simultaneously until you see the green light flashing.

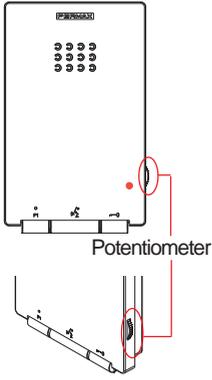
Once this is activated the door will automatically open when a call is received.

2. To **deactivate** the function, you must hold down button and button simultaneously until you see the green light turn off.

Important Note:

- The automatic door function **CANNOT** be activated if it has not been previously enabled.

Canceling the Ring Tone



If during call volume regulation the potentiometer is turned down to its minimum level, a constant red led will light up to indicate that the call has been disconnected.

The disconnection option affects all ringtones generated by the telephone:

To deactivate ringtone cancellation, you must move the potentiometer above the minimum level. The led will return to its previous status.

Note:

- The blue led flashes when a call is being received whether enabled or not.
- For more operating information: See «**Call Volume Regulation**».

FERMAX