ACO
DOOR ENTRY SYSTEMS
First impression matters

OPERATING MANUAL FOR DIGITAL MONITOR INS-MP7

GENERAL INFORMATION

Digital video monitor INS-MP7 is compatible with outside stations FAMILIO PV and INSPIRO for multi apartment buildings where video and audio communication is essential.

Video monitor has modern design and its front is made of glass. Hands free system eliminates usage of receiver for conversation. The front panel is equipped with touch keypad with back lit operating icons.

INS-MP7 monitor is functional even if more monitors are connected to the same address. It has also ability to control outside door bell, adjusts ringing and conversation volume, adjusts picture preferences, can control home automatics, supports full privacy of conversation, camera preview and opens gate without connected conversation.

TECHNICAL PARAMETER

•	LCD screen diagonal	7" (640x480)
•	Front material	Glass
•	Mounting plate dimension	14cm x 9,2cm
•	Monitor front dimension	24cm x 12cm

OPERATION

When the monitor receives a call from the outside unit the screen goes on, enables preview from camera and rings. The icons of **receiver**, **key** and **monitor** pulse one by one. In order to answer the call, press the **receiver**. After answering the call, voice connection will be made and the icons of **receiver**, **key** and **monitor** will become brighter. Additionally icons of the volume adjustment will enlighten and control over volume will be possible with + and – icons. Mute of conversation (dark volume icons) causes mute of the monitor's microphone. The end of conversation is made with the receiver icon.

The monitor signalizes unanswered call with flashing monitor icon while standing by. In order to clear the unanswered call touch the **monitor** icon.

Activation of e-lock is possible during conversation and standby. In order to do so, touch the **key** icon. Every activation is signalized with peep tone. If the line is busy (other users are talking) it's not possible to activate the e-lock. Activation of additional output (I/O module) is possible during the conversation with **F2** icon.

Activation of preview is possible every time when the line is free (other users are not talking). In order to do so touch the **monitor** icon. It is possible to turn on the screen and keep it on for 60 minutes – push and hold the monitor icon for 5 seconds. Activation will be confirmed with peep tone and bright **monitor** icon. The preview will stay on until it is turned off by touching the monitor icon for 5 sec or until a call is made. After 60 minutes the preview turns automatically off. If 2nd camera is active, touching the **F2** icon switches between cameras. During conversation switching the picture is possible with the **monitor** icon.

A monitor which is in the system together with other monitors displays if the line is busy by flashing the middle LED of volume control stripe. The line is busy when there is a conversation between outside station and other monitor. When the line is busy, it is neither possible to turn the camera preview on nor to activate the e-lock.

If you try to enable a function while the monitor is blocked, it will sound peep tone and nothing will happen.
The monitor can open door automatically. This function allows to activate e-lock automatically after the call is made from the outside station. It can be enabled for e.g. During office hours.

Automatic opening is activated by pressing and holding the key icon for at least 5 seconds. The action is confirmed with 4 short peep tones and bright **key** icon. In order to deactivate the function repeat the same action.
After the monitor with the turned on automatic opening is called, it will sound single tone, in order to confirm activation of the e-lock.

When the automatic opening is on, all monitor functions (except answering calls from the outside station) are active. If you have more monitors with the same address, automatic opening has to be activated only in one of the units.

The monitor is equipped with door bell function. When it rings in stand-by mode, the monitor will ring the bell twice and the 2nd camera picture will switch on (if there is one). During the conversation the bell will ring only once, it will not cancel the conversation and it will not switch the other camera on.

CONFIGURATION

Brightness, saturation and volume can be adjusted in the monitor. With + and – icons you can control ringing volume in the stand-by. The monitor will sound the tone of chosen volume and it will await for further adjustment with + and -. Because of the fact that the tone is generated by the outside station it can be different. If the parameters are not changed within 5 seconds, the monitor will save the adjusted ones.

Picture adjustment is possible only when the screen is on in stand-by (the **monitor** icon). After touching the + or – icons the brightness will show up and you can change it with + and -. After touching the **monitor** icon you will be able to adjust the saturation. Another touch of the **monitor** will switch off the adjustment menu.

Attention! If the front of the monitor is damaged, its further use might cause injuries.