CASE STUDY

MEET CALL RECEPTION ON GIRA G1 MONITOR

Description

This document describes how to configure a MEET panel and the Gira G1 monitor so that calls can be received in both directions.

V1.1

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INTRODUCTION

In residential or tertiary installations with KNX home automation, control screens from the same manufacturer as the rest of the control devices are usually used for aesthetic reasons. This type of screen usually incorporates a SIP client that allows it to be integrated with other video communication elements. This is the case of the GIRA G1 screen, which can be integrated in a MEET video door entry system, acting as a compatible home terminal. It is possible to install MEET monitors in homes that do not integrate home automation and G1 screens in other homes that integrate home automation in a simple way.

In this case we will explain how to configure the MEET outdoor panel and the GIRA G1 display so that you can make calls in either direction, with audio and video compatibility.

MEET PANEL CONFIGURATION

The outdoor panel must be connected to the same LAN network as the G1 monitor. If you want to forward the call to the MeetMe application, internet access is also required.

This procedure is valid for MILO DIGITAL, MILO 1L, MARINE and KIN panels.

CONFIGURING NETWORK SETTINGS

Configure the network parameters of the outdoor panel by assigning it an IP address, subnet mask and indicating the address of the corresponding GATEWAY and a valid DNS.

Internet connection is required only if call forwarding to the Meetme mobile application is required.

PANEL SETTINGS CONFIGURATION

Next, the details of the outdoor panel must be configured:

These parameters depend on the type of external entrance panel. The image shows that of the KIN model, which is the most complete.

IMPORTANT: the maximum resolution must be 640x480, otherwise the video will be slowed down on the G1 monitor, as it does not accept a higher resolution.

CONFIGURE SIP PARAMETERS

Communication between the outdoor panel and the G1 monitor uses SIP protocol, so it is necessary to configure the panel in this sense. The connection to the Fermax sip server is necessary for call forwarding to the app. The parameters indicated on the MEET ME licence label (usually attached to the panel itself) must be entered. Make the following configurations:

- **ACTIVATE SIP:** ticked

- **SIP SERVER:** sip:sip.fermax.com

- **DOMAIN**: sip.fermax.com

- **SIP USER:** User of the MEET ME licence sticker on the panel

- **PASS SIP**: panel licence password

Important to enter profile 103 for the H.264 video codec:

Click on SEARCH SIP STATUS to check that the board is correctly registered in the server. The SIP REGISTERED indication should appear. Otherwise, check that the data have been entered correctly and that the internet access configuration is correct.

CREATE A SIP CALL ENTRY

The call number to be dialled on the outdoor panel must be linked to the IP of the G1 monitor to make the call in P2P mode in the SIP CALL section.

On digital panels (MILO, KIN, MARINE) the table format (CSV file) must be EXPORTED, edited (a text editor is recommended instead of Excel) and re-imported:

In this example, entry 101 has been created to call, by dialling housing 101, to the monitor with IP 192.168.1.104 and, in addition, MeetMe license 0995738. If only the call to the monitor is required, what follows the ';' will not be included.

When importing the file, it is displayed on the web server:

DEVICE
GENERAL
NETWORK
ACCESS
FACIAL RECOG.
LIFT
IP CAMERA
SIP
SIP TRUNK
SIP CALL
ADVANCED
PINCODE
WECHAT QR
RESET

Seleccionar archivo Nin...lec.   IMPORT   EXPORT

APARTMENT	NUMBER	APARTMENT	NUMBER	APARTME
101	sip:101@192.168.1.104;0995738@sip.fermax.com			

In the case of a 1L panel, the house number and the SIP address of the monitor must be configured directly and then press SAVE. The entry for that call will appear in the table.

DEVICE
GENERAL
NETWORK
ACC
SIP
SIP TRUNK
SIP CALL
ADVANCED
PINCODE
RESTORE

SIP CALL SETTING

APARTMENT: 0

NUMBER:

DELETE: ☐

SAVE

APARTMENT	NUMBER	APARTMENT	NUMBER	APARTMENT	NUMBE
101	sip:101@192.168.1.104				

GIRA G1 MONITOR CONFIGURATION

The monitor can be configured to communicate directly with the outdoor panel (P2P) or through a SIP server. The configuration is carried out through the web server that incorporates the monitor, accessing its IP address through a browser. In the first case, the monitor settings are as follows:

In the SIP Door Communication tab we enable calling on the same network and assign a name to the panel. Outbound calls are enabled if we enable auto-on.

GIRA Gira G1

Device Information   SIP Door Communication   Diagnosis

⊙━

SIP Door Communication
Here you can set up outgoing internal calls and door calls from the {{manufacturer}} {{device}} and individualize incoming calls by assigning a display name or your own ringer melody. These settings are optional.

Import/export settings
Here you can import previously defined settings from a Gira G1 or export the specified settings for other devices.

[Import settings]   [Export settings]

Type of SIP calls   Display name

[Direct (internal network only)   ▾]   [Fermax   ]

Outgoing calls
☑ Allow outgoing calls to door stations and cameras

[Save]   [Reset]

The 'Added SIP users' view shows the defined SIP devices, which will be empty by default. Click on 'Add SIP contact' to add the outdoor station or to add a guard unit. Define the type of device (Outdoor Station for outdoor station /Indoor station for guard unit), the IP address of the outdoor station or MEET guard unit, the name that will identify it, the DTMF tone for door opening (#) and the ringing melody. Mark This contact has a camera.

Type of the SIP Contact
◉ Door Station
◯ Indoor Station

SIP address of the station

[sip:2009901@192.168.1.111   ]

Display name ⓘ

[KIN1   ]

Door opener code (DTMF sequence) ⓘ

[#   ]

Melody for incoming calls

[Melody 2   ▾] ▷
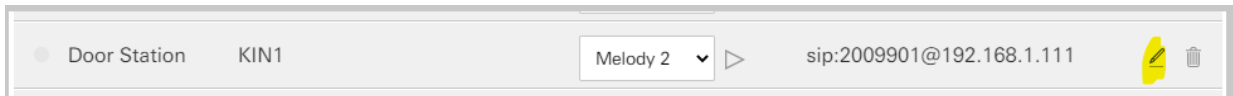
☑ This contact has a camera

The sip extension is optional in text sip:xxxx@IP.

The list can be edited if any changes need to be made:

By assigning favourites keys, you can associate the call to the outdoor panel (auto-on or concierge call) to a speed dial key. In the drop-down menu, a list of "Added SIP users" is displayed for selection. In the user interface, the assigned name is displayed below the corresponding key.
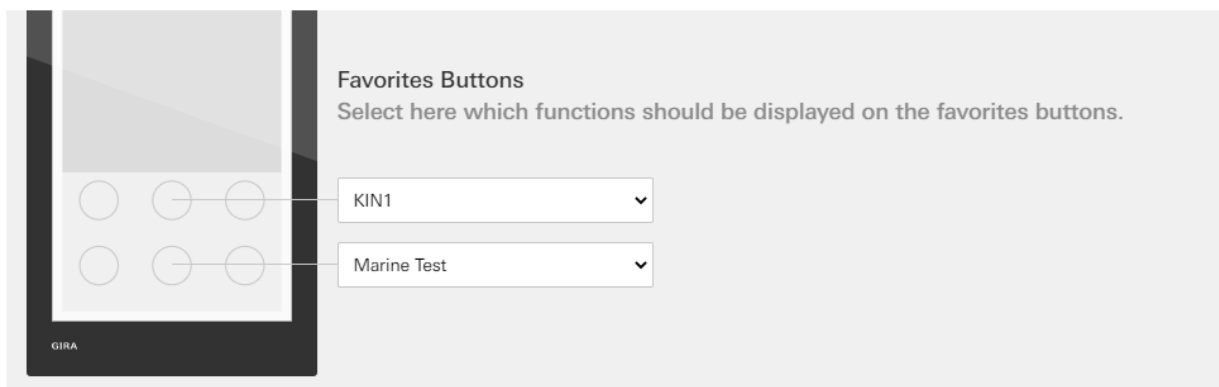
OPERATION

The call from the entrance panel can be made via direct dialling or via the telephone book. The Gira monitor will play the selected call melody and display the image captured by the outdoor panel camera and will show icons with the following options:

- Pick up (green), to open the audio channel.
- Door opening (only possible if audio communication has been established).

The conversation lasts a maximum of 2 minutes. Once off-hook, the pick-up icon will turn red and the conversation can be ended by pressing it again.

Auto-on can be done from the intercom interface by clicking on the configured external call icon.

The call to the concierge desk will be made in the same way by clicking on the indoor configured call icon.

DETAILS

- The unlock can only be made if an audio conversation has been established.
- Receiving a call from a Meet concierge does not show video and displays the door opening icon, although it does not make sense.
- The call to the concierge desk does show the video from the IP camera associated with the concierge desk on the Gira monitor. The concierge desk displays the door opening icon, even though it does not make sense.