Gira G1 (2nd generation)

without WLAN
2087 05 / 2087 12

with WLAN
2066 05 / 2066 12

[EN]
Operating instructions

Contents

1

About this document

This document serves as an introduction to the commissioning and operation of the Gira G1 within the Gira X1, Gira One and door communication systems.

Information regarding commissioning as a Gira HomeServer Client is available in a separate document on the product page ↗.

Information regarding mounting and installation can be found in the enclosed mounting instructions or online on the product page ↗.

This document is intended for electricians and end users. We recommend that configuration, including in the Gira Project Assistant (GPA), is carried out by a qualified electrician.

All instructions for the GPA refer to GPA version 6.0 or higher.

For better readability, the additional text (2nd generation) is omitted from the product designation in this document.

2

About Gira G1

2.1 Intended use

The Gira G1 is intended for use in a Smart Home, where it serves as a client for visualisation and operation when combined with the following servers:

- Gira X1
- Gira One server
- Gira HomeServer

The Gira G1 can also be used as a home station within a door communication system. Here, the Gira G1 performs tasks such as accepting calls, switching lights and opening the door.

Examples of door communication systems are:

- Gira IP door communication system
- Gira door communication system 2-wire bus
- SIP door communication (third-party system)

Depending on the system configuration, the servers and door communication systems listed may result in different configurations in which the Gira G1 can be used as a client and/or as a home station.

The Gira G1 can also be used to display the weather forecast. This function is only possible within a system configuration. All of the listed servers support the weather forecast function.

The area of application of the Gira G1 is defined exclusively within the system configuration in the GPA.

2.2 Range of functions

The Gira G1 offers the following settings and functions. The extent to which these are available depends on the use and configuration of the Gira G1 within a system.

- 30 s screen lock - Display brightness - Direct function - Connection to the Gira device (visualisation server) - Language - Date/time - Network settings - WLAN configuration (only for product version with WLAN) - Temperature sensor - Proximity sensor - Factory reset - Restarting - PIN protection - Home and favourites - Temperature display - Subsystems - Starting room	System and view
- Weather forecast - Presence simulation - Timers	Additional functions
- Manage rooms - Manage functions - Sort rooms/functions - Manage subsystems - Manage users - Define location - Manage remote access	Administrator functions
- Camera selection - Media storage - Favourites - Automatic door opener - Door opener code - Call to door station - Door call - Internal call - Floor call - Switching action - Ringtone melody - Ringtone volume - Voice volume - Call forwarding to Concierge - Forwarding to smartphone - Diagnostic signal	Door communication
- Temperature measurement - Humidity measurement	Optional accessories: Temperature sensor module with humidity measurement

3

Setting up the Gira G1

The Gira G1 is set up exclusively in the GPA. The Gira G1 can be integrated into the desired system and configured via a targeted GPA project. The Gira G1 does not necessarily need to be mounted in the intended location at this stage. The Gira G1 does not need to be installed until the system is being started up via the GPA.

The Gira G1 is set to DHCP (automatic IP assignment) by default, with PoE as the default connection.

Before commissioning, you only need to configure settings on the Gira G1 if a manual connection to the network is required:

- See “Commissioning via WLAN and DHCP” on page 8.
- See “Commissioning without DHCP” on page 9.

Set up your network infrastructure before commissioning the Gira G1.

3.1 Commissioning via PoE and DHCP

Requirement: An available LAN connection.

As soon as you connect the operating voltage, the Gira G1 starts up. The IP address is assigned automatically as the Gira G1 is set to DHCP by default.

You do not need to configure any settings on the Gira G1. System-dependent configuration and start-up can only be carried out in the GPA.

3.2 Commissioning via WLAN and DHCP

Requirement: Configuration is only possible on the WLAN-enabled Gira G1. The desired WLAN network is available.

1 Connect the operating voltage.
✓ The Gira G1 starts up.
2 Select the desired language and tap [Start].
3 Select [Network connection type] > [WLAN] and confirm with [ok].
✓ WLAN configuration is enabled in the menu.
4 Open [Configure WLAN].
5 Select your desired network from the list of available WLAN networks and enter the password.
✓ WLAN configuration is complete. The IP address is automatically assigned because the Gira G1 is set to DHCP by default.

System-dependent configuration and start-up can only be carried out in the GPA.

WPS configuration

WPS (Wi-Fi Protected Setup) is an optional function that allows you to set up WLAN connections at the push of a button without entering a password. This function can only be used if your router supports WPS.

Configure the WPS function on the Gira G1 as follows:

1 Go to [Configure WLAN] > [Start WPS configuration].
✓ All WLAN networks that support WPS are displayed.
2 Select the WLAN network that you want to connect the Gira G1 to and confirm with [ok].
3 Activate the WPS function on your WLAN router within the next two minutes.
✓ The connection to the WLAN network is established automatically.

3.3 Commissioning without DHCP

1 Connect the operating voltage.
✓ The Gira G1 starts up.
2 Select the desired language and tap [Start].
3 Open [Configure network] and disable DHCP.
4 Configure the network parameters manually.

3.4 Changing the network settings

You can configure the network access settings of the Gira G1

- directly on the Gira G1
  - before commissioning under [Configure network];
  - after commissioning under Settings > [Advanced settings] > [System] > [Configure network],
- on the Gira G1 device website [see 3.11] and
- in the GPA after commissioning, under the Gira G1 properties.

Subsequent network setting adjustments

If the settings under [Configure network] are subsequently changed, the network connection may fail, potentially causing the Gira G1 to malfunction.

3.5 Firmware update

The firmware update for the Gira G1 is carried out using the GPA. You can save different firmware versions for your devices in the GPA.

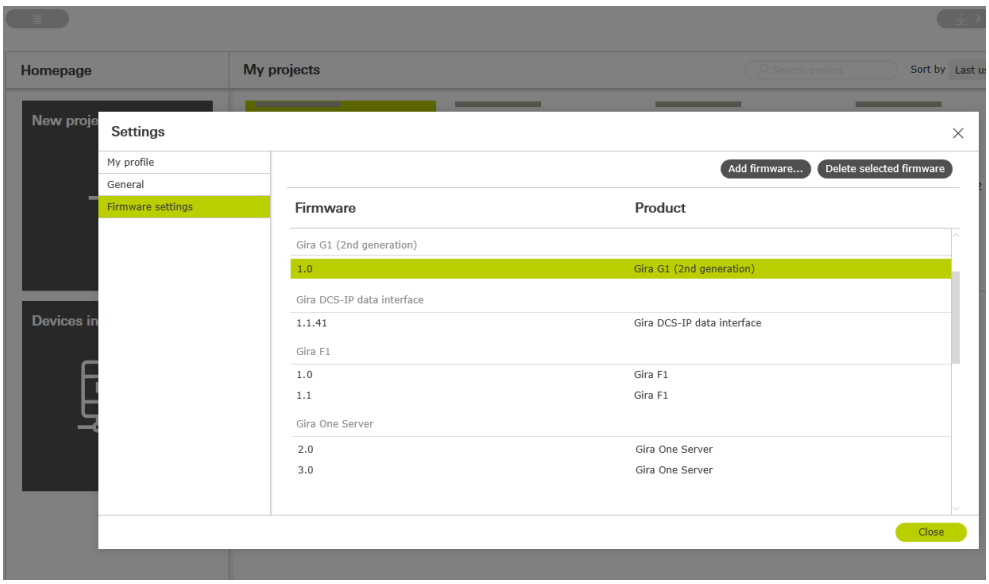

Figure 1 GPA firmware settings

Select the option that applies to your use case:

- Updating the firmware of devices in the GPA project [see 3.5.3]
- Updating the firmware of devices without a GPA project [see 3.5.4]

3.5.1 Adding firmware manually

Proceed as follows:

1 Download the new firmware from the download area.
2 Place the downloaded ZIP file in a file folder that you can access and unzip it.
✓ The firmware is usually stored there as a separate ZIP file.
3 Select [Settings] from the main menu.
4 Under [Firmware settings], click [Add firmware].
5 Select the firmware ZIP file and click [Open].
✓ The firmware is now available in the GPA for device update.

3.5.2 Adding firmware automatically

The [Available updates] ↓ 3 button on the GPA home page indicates new firmware updates as soon as they become available.

Load the new firmware into the GPA using the [Available updates] button. The new firmware is downloaded automatically and then displayed in [Settings] > [Firmware settings] for the corresponding device.

3.5.3
Updating firmware – Gira G1 in the GPA project

The following instructions apply to devices that have already been configured or started up in the GPA:

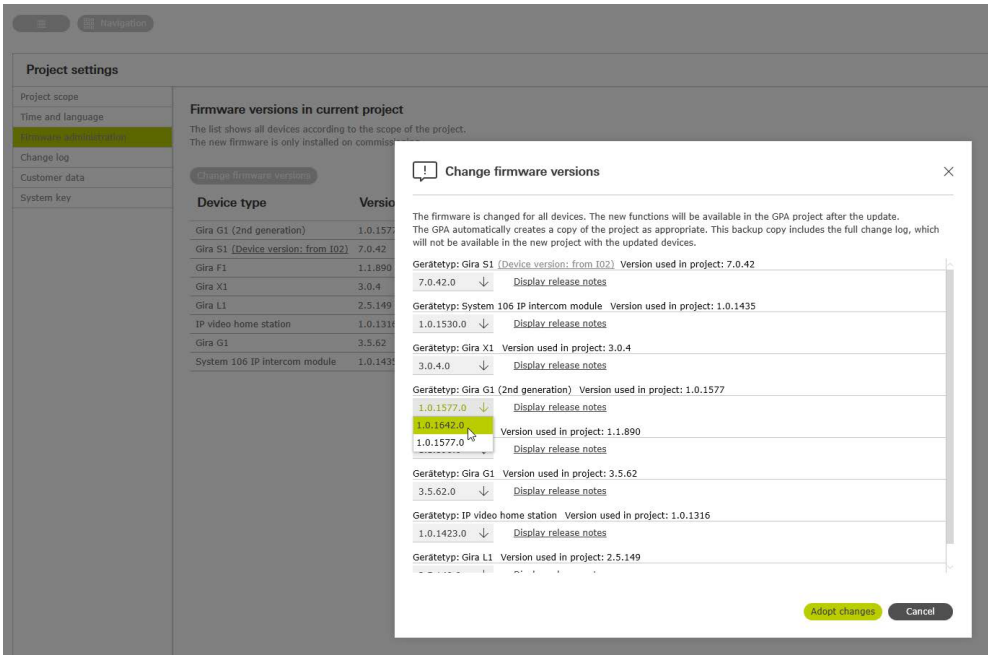

Figure 2
GPA
Firmware administration

1 Open the project that includes the Gira G1.
2 Open the [Project settings] via the tile of the same name or by navigating to it.
3 Click on the [Firmware administration] tab.
4 Click on the [Change firmware versions] button.
✓ When you click on the firmware version of the corresponding device, a drop-down menu opens with the available versions. For firmware versions with the note [Download required], the download takes place automatically if an Internet connection is available.
5 Select the desired firmware version and click on the [Adopt changes] button.
✓ A copy of the current project is created so that you can access the previous firmware if necessary.
6 Initiate start-up by clicking on the start-up button.
✓ The new firmware is automatically installed on the device during start-up. Start-up will take longer than normal.

3.5.4
Updating firmware – Gira G1 without GPA project

The following instructions apply to devices that have not (yet) been configured or started up in the GPA:

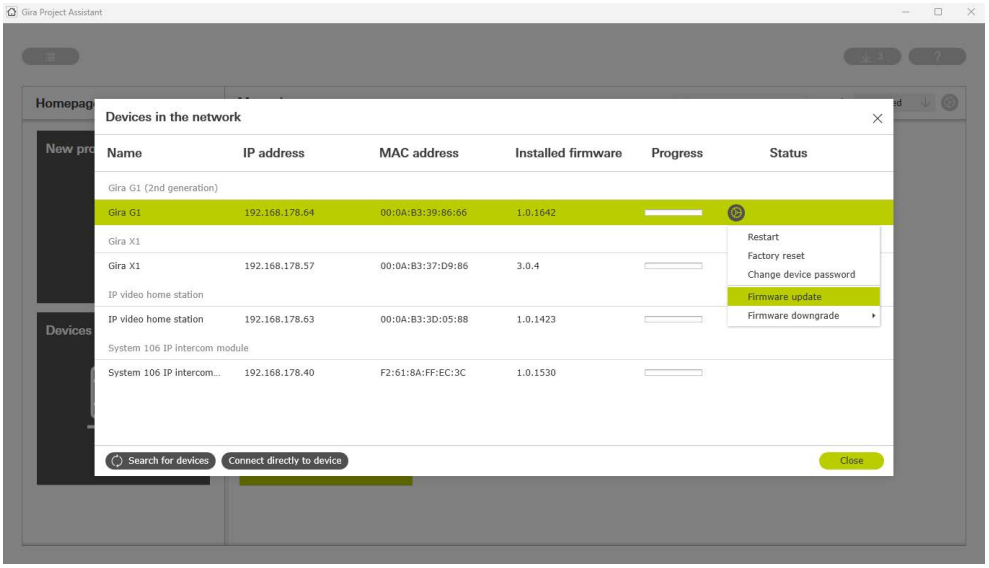

Figure 3
GPA
Devices in the network

Requirement:
- You have added the new firmware in the GPA either manually [see 3.5.1] or automatically [see 3.5.2].
- Make sure that you have the initial device password of the device ready, as this will be requested during the firmware update. The initial device password can be found on a sticker affixed to the device or on the secure card supplied with each device.

1 Click [Devices in the network] in the main menu.
2 Select the device that you wish to update.
3 Click the gear symbol and then [Firmware update] in the drop-down menu.
✓ You will be prompted to enter the initial device password.
4 Select the desired firmware.
5 Click [Install].
✓ The Gira G1 will restart once installation is complete.

3.6 Gira X1 remote access

If you have set up remote access for the Gira X1 via the Gira S1 or the ise SMART CONNECT KNX Remote Access, remote access appears as a separate function on the start screen of the Gira G1.

Requirement: The [Remote access] function has been added in the GPA under [Visualisation].

More information on setting up remote access in the GPA can be found in the GPA help.

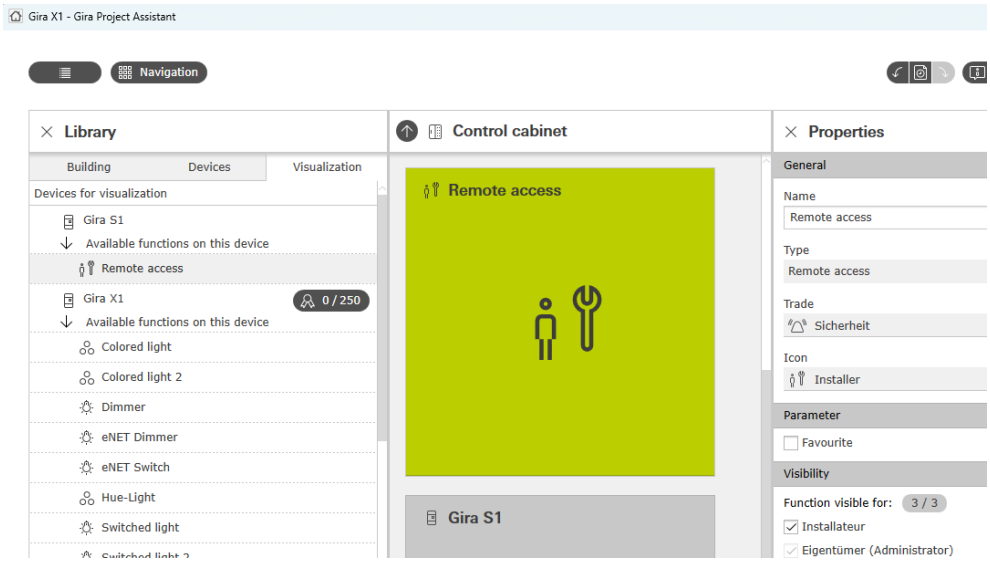

Figure 4
GPA
Gira X1 remote access

The visualisation of remote access on the Gira G1 includes:

- A display showing whether the Gira S1 or the ise SMART CONNECT KNX Remote Access has access to the portal.
- A display indicating whether remote access is currently taking place.
- An option to enable or disable remote access.

Using Gira X1 remote access

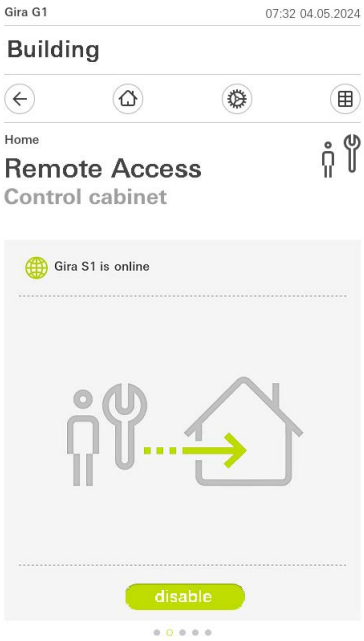

Figure 5
Gira X1 remote access

3.7
Gira One remote access

If users wish to access their Smart Home remotely in the Gira One system and if it needs to be possible for the electrician to perform remote maintenance, then the following must be set up in the GPA under User administration:

- The appropriate users must be created.
- Access for remote maintenance must be set up. More information can be found in the GPA help.

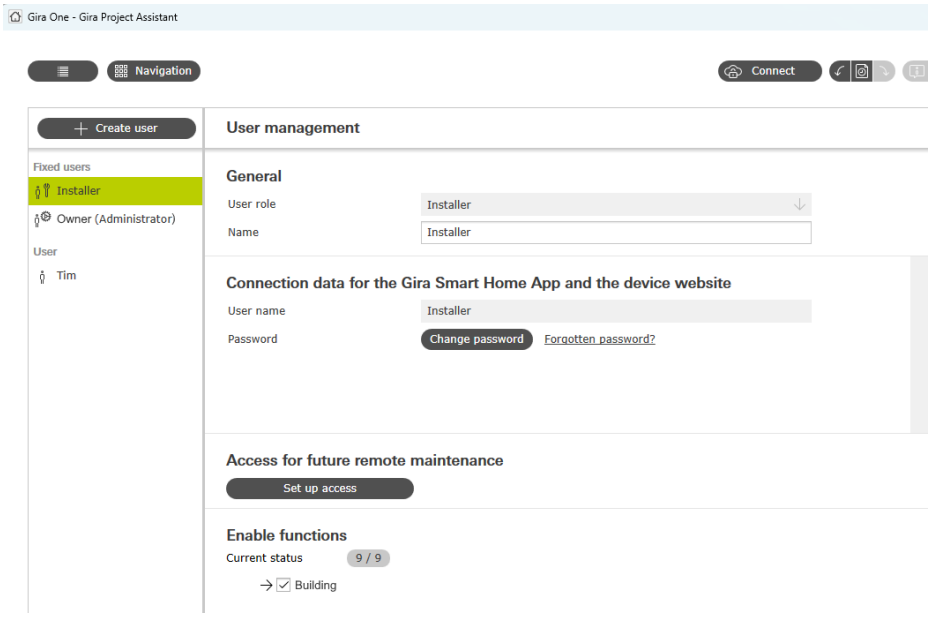

Figure 6
GPA
user administration
for
Gira One

Grant the respective user permission for remote access or remote maintenance in the Gira G1:

Go to Settings ⚙ > [Advanced settings] > [Manage remote access].

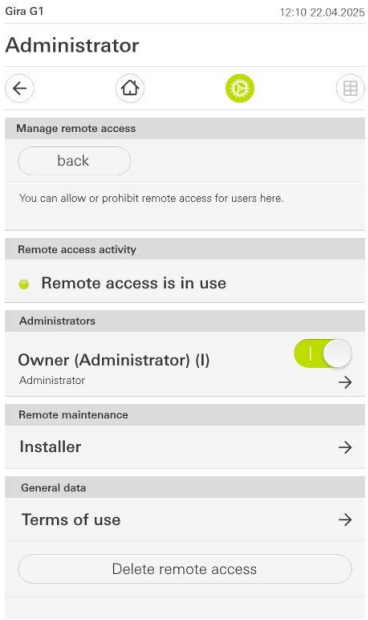

Figure 7
Gira One remote
access

3.8 Restarting

If you wish to restart the Gira G1, the following options are available.

3.8.1 Restarting via the device

Go to Settings ⚙ > [Advanced settings] > [System] > [Restart].

Restarting with a magnet

If the Gira G1 stops responding, you can restart the Gira G1 using a commercially available magnet:

Hold the magnet in front of the Gira logo on the Gira G1 for approx. three seconds. The Gira G1 restarts, the configuration is retained.

3.8.2 Restarting via the device website

1 Go to the device website [see 3.11].
2 Click on the [Carry out restart] button directly under [Device information] or under [Diagnostics].

3.8.3 Restarting via the GPA

1 Start the GPA.
2 Open the [Devices in the network] view in the main menu.
✓ The view shows all the devices connected to your network.
3 Select the Gira G1 and click on the gear symbol.
4 Select [Restart] in the menu.

3.9 Factory reset

Following a factory reset, the Gira G1 behaves in the same way as in the factory default state. When the device is booted up, the start screen with language selection is shown. The Gira G1 is not configured. However, the last firmware installed is retained.

3.9.1 Performing a factory reset on the device

Go to Settings ⚙ > [Advanced settings] > [System] > [Factory reset].

3.9.2 Performing a factory reset via the device website

1 Go to the device website [see 3.11].
2 Open the [Diagnostics] page.
3 Click on the [Factory reset] button.

3.9.3
Performing a factory reset via the GPA

1 Start the GPA.
2 Open the [Devices in the network] view in the main menu.
✓ The view shows all the devices connected to your network.
3 Select the Gira G1 and click on the gear symbol.
4 Select [Factory reset] in the menu.

3.9.4
Performing a factory reset with a magnet

Factory resets must only be performed using a commercially available magnet in cases where it is not possible to perform the factory reset on the device or via the device website or GPA.

1 Disconnect the Gira G1 from the power supply for at least 10 seconds.
2 Hold the magnet in front of the Gira logo.
3 While doing so, reconnect the operating voltage and hold the magnet in position for at least five more seconds.
✓ The LED lights up green for a short time and then starts to flash red (4 Hz). The factory reset is complete.
4 As soon as the LED starts rapidly flashing green, hold the magnet in front of the Gira logo again for five seconds.
✓ The Gira G1 restarts.

3.10
LED behaviour

Status LED colours include red, green, blue, yellow, violet, cyan, white and orange. These colours are available for use during system configuration with a Gira X1 or a Gira HomeServer.

The LED behaviour for the following functions and actions is defined on the device:

LED colour	Function/action
lights up green for a short time	(Re)start
flashes red (4 Hz)	Factory reset
lights up green	Missed call that has not yet been viewed in the media storage. Only applies for door communication. Requirement: Image recording via camera, media storage active
flashes orange (1 Hz)	Remote device identification

If an LED signal configured via data points is received at the same time as an LED signal configured on the device, the action configured on the device always takes priority. If the action configured on the device is terminated, the LED signal configured via the data point, which still exists, appears. This means that LED signals do not cancel each other out when they are received simultaneously.

3.11 Device website

The device website contains all of the device and diagnostic information for the Gira G1. SIP door communication is also configured via the device website [see 3.14].

The device website runs in the Internet browser.

Accessing the device website

Requirement: The PC and the Gira G1 are connected to the same network.

1 Enter the IP address of the Gira G1 in the address bar of your Internet browser.
If you do not know the IP address of the Gira G1, open the Explorer and click on [Network]. The Gira G1 is displayed under [Other devices]. Double-click the symbol for the Gira G1 to open the device website.
2 Enter the password when prompted.

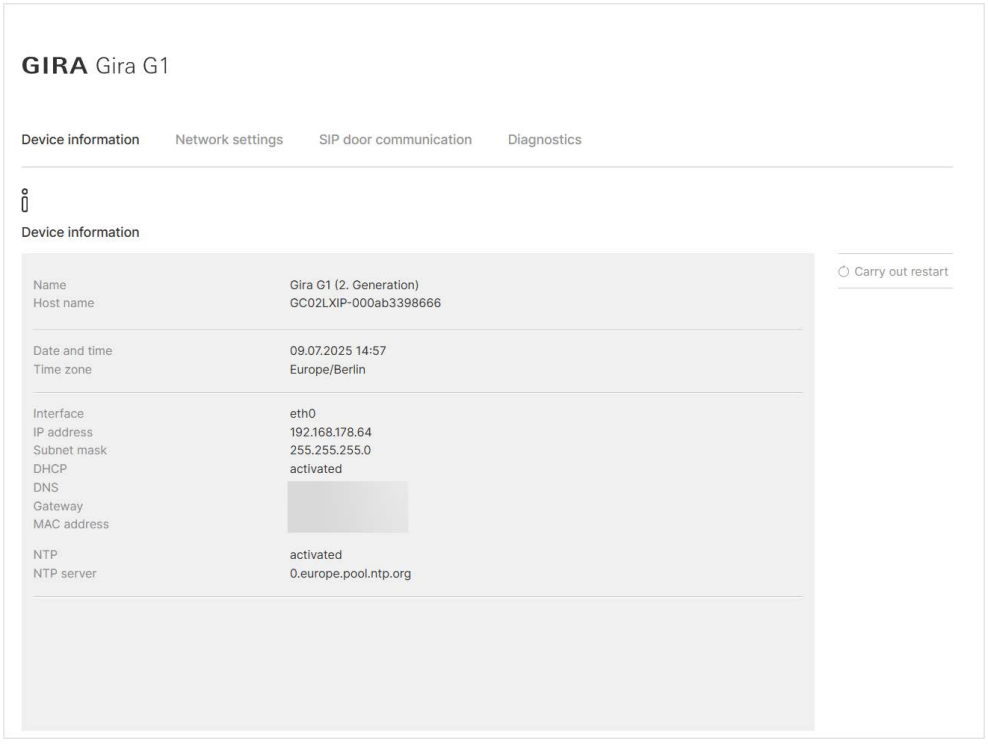

Figure 8
Device website

The device website contains the following information, settings and functions:

- Under [Device information], you can see device-specific data and carry out a restart of the Gira G1.
- If necessary, you can adjust the network configuration under [Network settings].
- The [Diagnostics] page provides information about memory usage, system utilisation, and device details. The following are also available:

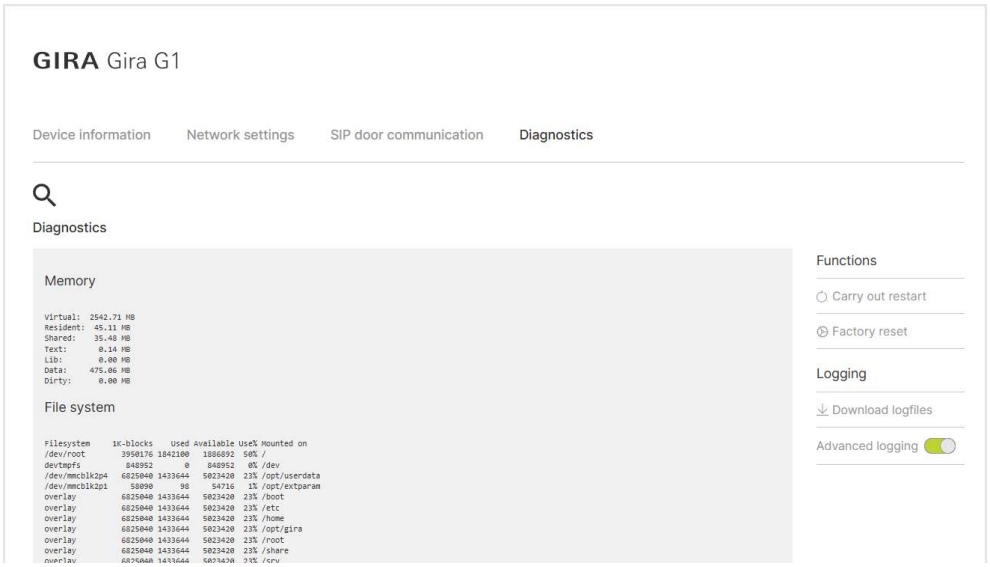

Figure 9
Diagnostics

- Restart [see also 3.8]
- Factory reset [see also 3.9]
- Log files that can be downloaded in the event of an error or during servicing and forwarded to the Gira hotline.
- You can activate advanced logging when prompted by the Gira hotline. In this case, the Gira G1 records all information for analysis purposes.

3.12
Gira door communication system IP

If the Gira G1 is used as a home station in the Gira door communication system IP for detached house or apartment building, the Gira G1 is configured in the GPA.

[Gira door communication IP] must be selected as the door communication system in the GPA project for a detached house.

Further information:

- System basics of the Gira door communication system IP ↗
- GPA help in the GPA

3.13
Gira door communication system 2-wire bus

If the Gira G1 is used as a home station in the Gira door communication system 2-wire bus, the Gira G1 is connected via the DCS IP gateway.

When configuring the system in the GPA, [DCS IP gateway] must be selected for the Gira G1 for door communication.

Additional documents:

- Gira door communication system 2-wire bus ↗
- DCS IP gateway ↗
- GPA help in the GPA

3.14
SIP door communication

If the Gira G1 is used as a home station in a door communication system produced by a third-party manufacturer, the Gira G1 serves as an SIP client.

After start-up in the GPA, the SIP door communication is configured on the device website of the Gira G1.

Requirement:
- The connections are established in the SIP door communication system.
- [SIP client] is selected for door communication in the GPA project for the Gira G1.

1 Go to the device website of the Gira G1 [see 3.11].
2 Open the [SIP door communication] page.
3 Where applicable, import settings from another Gira G1 if you wish to apply these. Otherwise, continue with step 4.
4 Select the SIP call type.
✓ "Direct call" requires an IP connection between the Gira G1 and the SIP door communication system.
✓ "Registrar" requires a third-party SIP server to connect the SIP users. Fill in the corresponding input screen.

5 If possible, use encrypted communication.
✓ Note that unencrypted communication is not secure.

Changing the encryption

If you change (activate or deactivate) the encryption after start-up, you must delete and re-add the SIP user(s) (steps 7 + 8) so that calls can be made and received again without issue.

6 Allow the Gira G1 to make the respective call by means of authorisations.
✓ If authorisation is not granted, the respective call cannot be initiated by this Gira G1. This does not affect incoming calls.

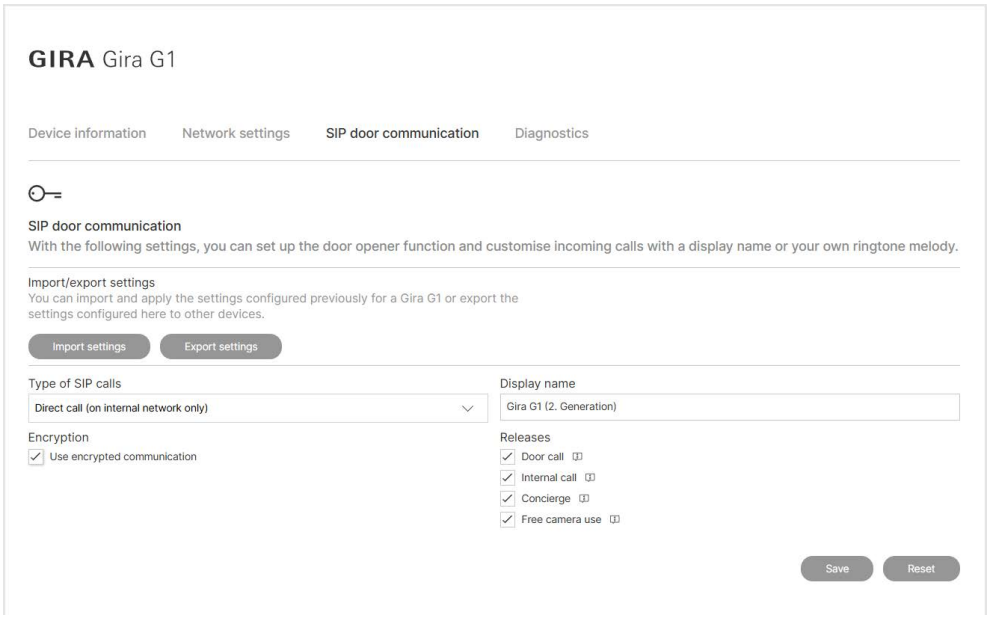

Figure 10
SIP call type/ encryption/ authorisations

7 If necessary, edit or delete SIP users that have already been added or change the respective ringtone melody.

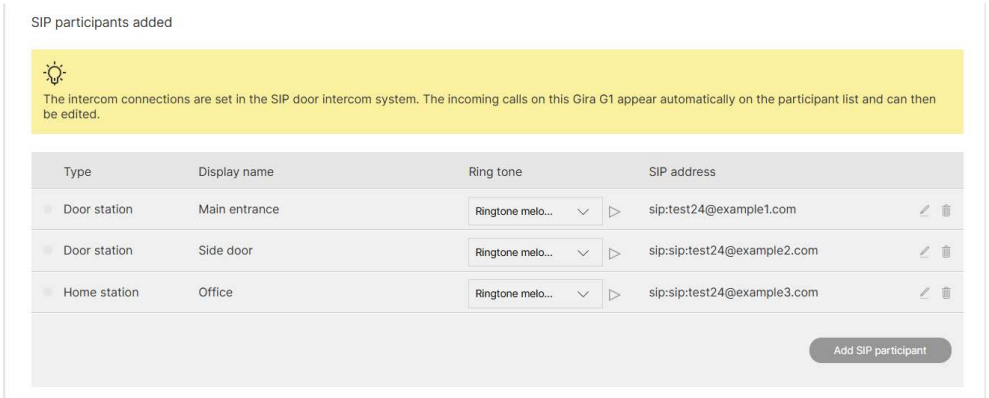

Figure 11
Editing SIP users

8 Add additional SIP users to the network if necessary.

✓ You can define the SIP user as a door station or a home station.
In order to use the [Open door] function in the Gira G1, you must enter the door opener PIN of your SIP door station, which you previously specified during configuration, into the door station under [Door opener code (DTMF sequence)].

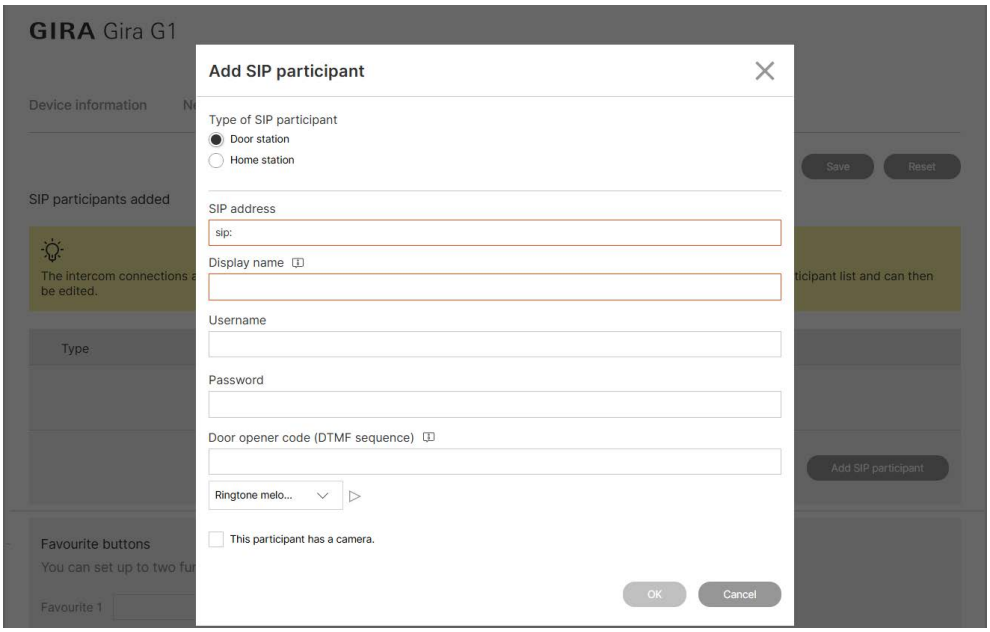

Figure 12
Adding SIP users

9 Assign the two favourites buttons as required.

✓ The favourites buttons can be used to make calls to preferred door stations and home stations. All added SIP users are available for selection in the drop-down menu. The name you have assigned appears in the Gira G1 under the relevant favourites button.

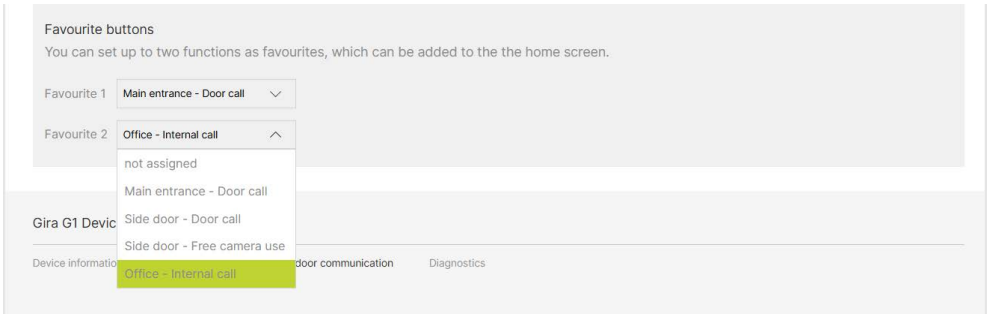

Figure 13
Favourites buttons

10 If necessary, export the currently defined settings to use them for other Gira G1 units.

Multiple Gira G1 units in use

If multiple Gira G1 units are used in conjunction with an SIP-compatible door station, each device must be configured separately on the respective device website.

4

Operating the Gira G1

4.1 Status bar

Depending on the system configuration and the application, the status bar displays the following information:

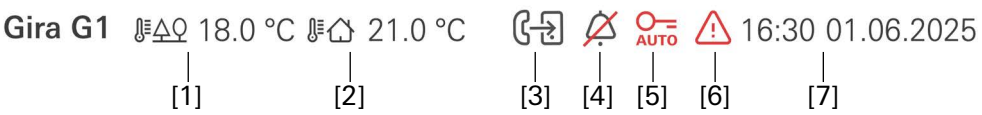

Figure 14
Status bar

[1] Outdoor temperature in degrees Celsius (°C)
[2] Room temperature in degrees Celsius (°C)
[3] Forwarding to smartphone or call forwarding to Concierge on
[4] Ringtone off
[5] Automatic door opener on
[6] Error message
The error message appears when the warning symbol is tapped.
[7] Current time and date

4.2 Navigation

Figure 15
Navigation

[1] [Back] opens the view previously opened.
[2] [Home] opens the start screen.
[3] [Settings] opens the system settings.
[4] [Change view] switches between tile view and detailed view.

4.3 Select starting room

This setting is only available in a Smart Home configuration (Gira One, Gira X1).

The starting room is the room for which you want the functions to appear directly on the start screen of the Gira G1. For example, you can select the room in which the Gira G1 is located as the starting room.

If the Gira G1 has been configured as a room operating device in the GPA, the start screen automatically shows the functions of the room to which the Gira G1 was assigned in the GPA. In this case, a starting room can only be selected if additional rooms are subordinate to this room.

The starting room is selected under Settings > [Advanced settings] > [View configuration] > [Starting room].

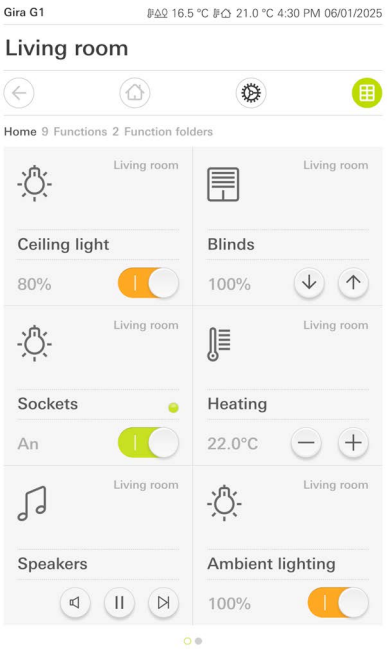

Figure 16
Starting room

4.4 Select Home

This setting is only available in a Smart Home configuration (Gira One, Gira X1).

Under [Select Home], specify how the functions are to be displayed on the start screen : tile view or detailed view.

Select the desired view under Settings > [Advanced settings] > [View configuration] > [Select Home].

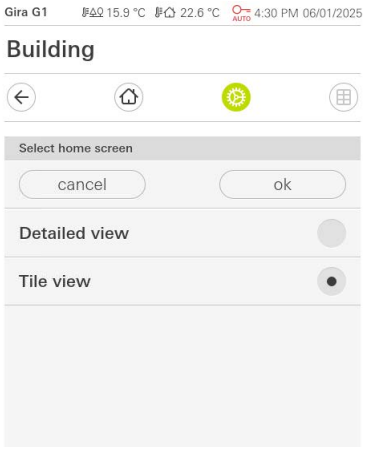

Figure 17
Select Home

Tile view

Up to six tiles are displayed in the tile view. Central functions such as switching devices on and off, setting the temperature or dimming in fixed intervals can be performed directly within this view. For example, tap the plus/minus or arrow buttons to dim the light, set the temperature or move the blinds/shutters.

When you tap a tile, the detailed view of the function or application opens.

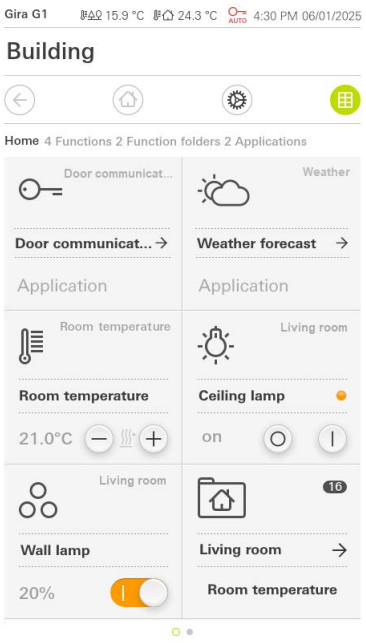

Figure 18
Tile view

Detailed view

All the operating elements for the respective function are available in the detailed view. Swipe left or right to switch between functions.

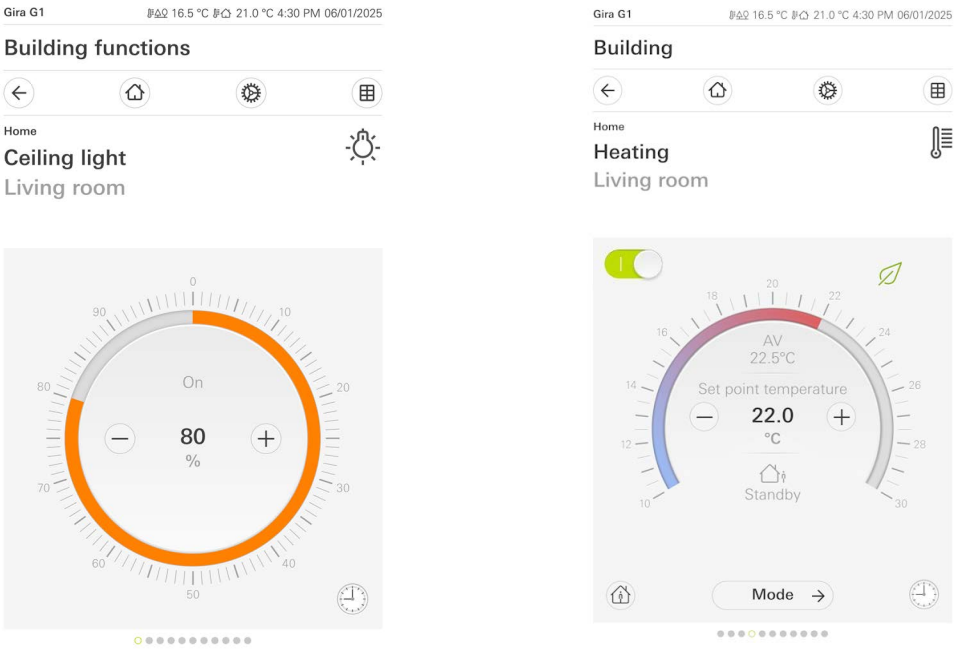

Figure 19
Example of adjustable scale

For example, to set a brightness value (dimming) or the target temperature (heating), tap directly on the desired value on the scale or drag the scale to the desired position.

Using the scale

Hold your finger at the start position for approx. one second before dragging it along the scale. This allows the Gira G1 to calibrate the position.

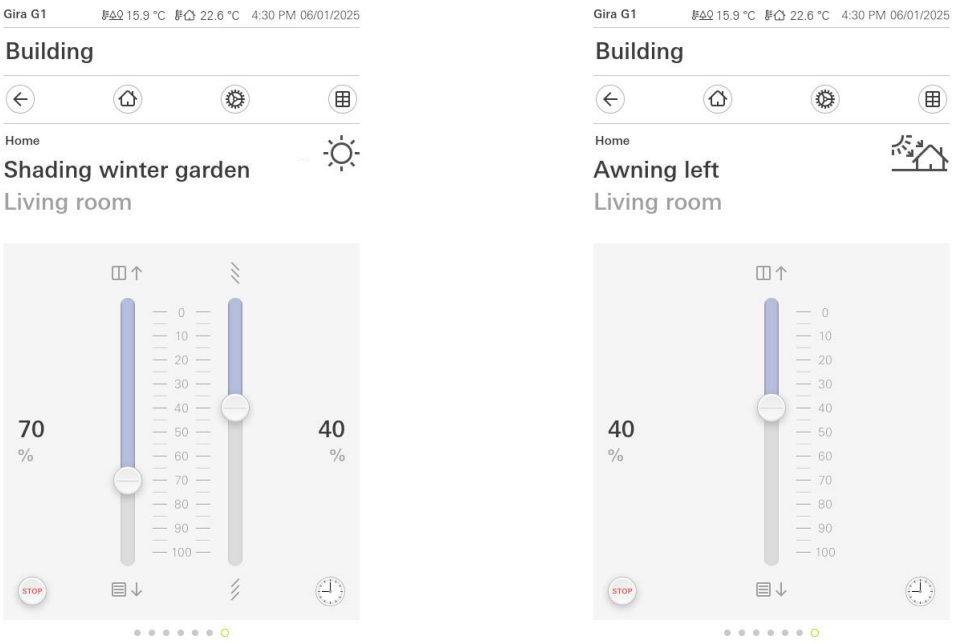

Figure 20
Example of slider

Blinds and shutters can be controlled in the detailed view using sliders. To raise or lower the blinds or shutters and to adjust the slats, slide the respective controller to the desired position. Blind control involves long and short button presses.

When you tap the [STOP] button, you can stop active movement of the curtain or a slat adjustment. The curtain then stops immediately at its current position.

4.5 Editing favourites

This setting is only available in a Smart Home configuration (Gira One, Gira X1).

Favourites are your preferred functions that can be operated directly from the start screen. You can also specify the order that the functions appear in if you so wish.

You can set favourites as follows:

1 Go to Settings > [Advanced settings] > [View configuration] > [Favourites] > [Define favourites].
2 Follow the additional instructions in the Gira G1.

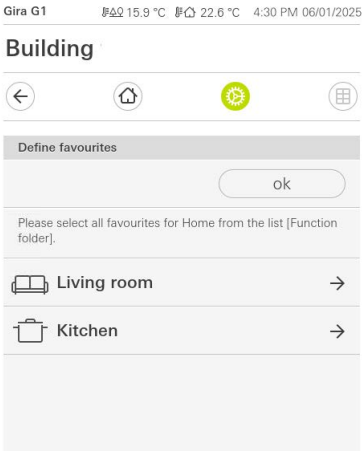

Figure 21 Setting favourites

The order of the functions is set as follows:

1 Go to Settings > [Advanced settings] > [View configuration] > [Favourites] > [Sort functions].
2 Follow the additional instructions in the Gira G1.

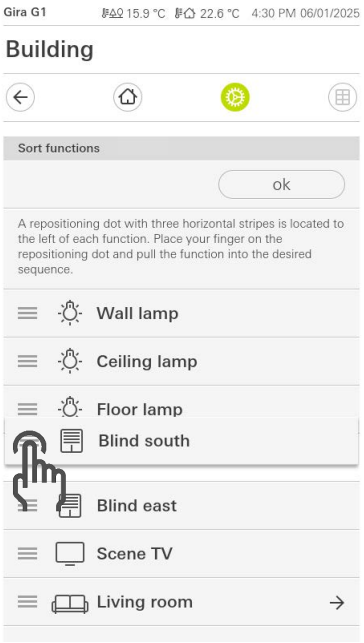

Figure 22 Sorting functions

Restoring standard

The [Restore standard] function offers you the option of resetting the favourites settings to their status upon initial configuration.

Favourites in front

Under [Favourites in front], specify whether your favourites are to be displayed on the start screen in front of the other functions and applications such as door communication, weather forecast etc.

Select the desired view under Settings > [Advanced settings] > [View configuration] > [Favourites in front].

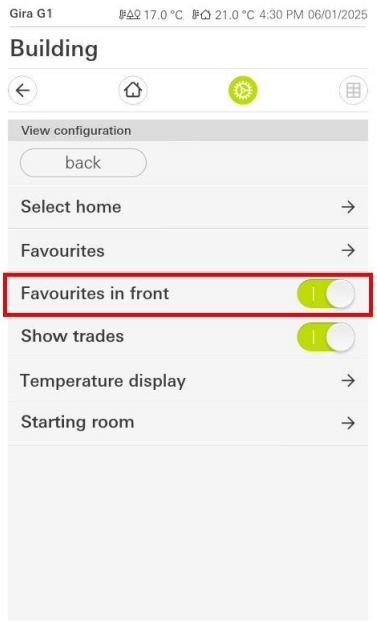

Figure 23
Favourites in front

4.6 Using the direct function

The direct function is only available in a Smart Home configuration (Gira One, Gira X1).

A direct function is a preferred function that you have selected. A direct function can be triggered by placing the entire palm of your hand on the display of the Gira G1. This means that you can use the Gira G1 like a switch that switches the ceiling light on and off, for example. When triggered, the direct function briefly hides the currently active display.

The following functions can be used as a direct function:

- Switching (button function)
- Button (on/off)
- Button (press/release)
- Scene auxiliary unit

Activating direct function

1 Open Settings > [Advanced settings] > [Select direct function].
2 Activate the [Activate direct function] slide switch.
✓ The available functions can be selected.
3 Select the desired function and confirm with [ok].

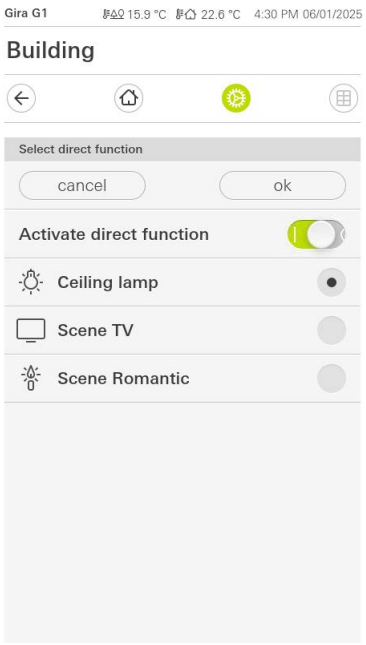

Figure 24
Direct function

4.7
Manage functions

This setting is only available in a Smart Home configuration (Gira One, Gira X1) in “Customised” mode.

[Manage functions] is an administrator function that allows you to modify existing functions and create the following new functions:

- Scene
- Sonos audio control
- Philips Hue light
- IP camera

4.7.1
Creating scenes

only as administrator in “Customised” mode

A scene is a group of actions that are always carried out together. Depending on the situation and room, you can save your desired functions for a scene, e.g. a TV scene, in which the blinds move to a certain position, the lighting is dimmed to a defined value and the radio is switched off.

1 Go to Settings > [Advanced settings] > [Manage functions].
2 Tap the [+] button.
3 Tap [Scenes].
4 Choose from the following options:
- [New scene] to create a scene.
- [Scene variant] to create a different version of an existing scene.
5 Follow the setup wizard.

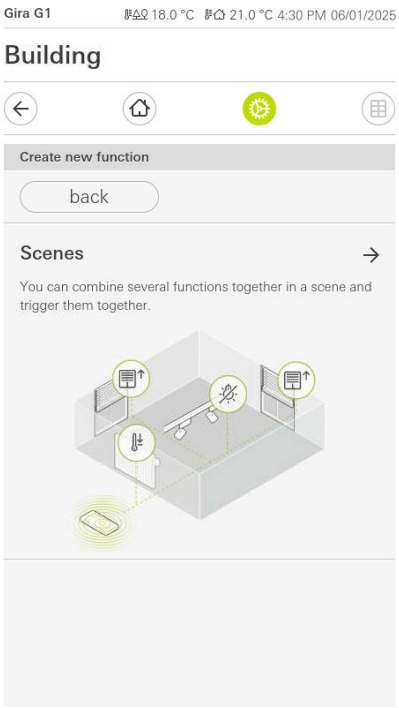

Figure 25
Creating scenes

If you just want to change the values of the functions in an existing scene:

Changing scene values

1 Tap the settings wheel in the detailed view of the scene.
2 Follow the additional instructions in the Gira G1 to change the values for the functions of the scene.

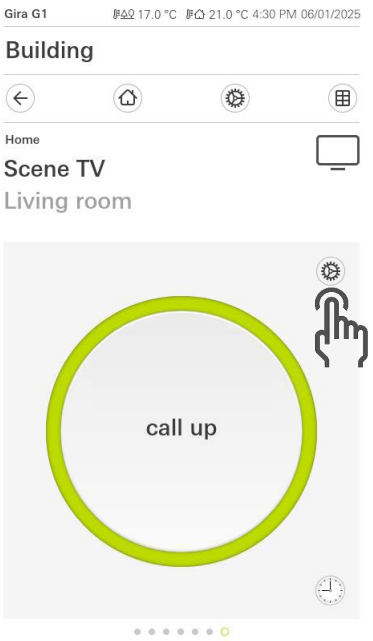

Figure 26
Scene settings

4.7.2 Editing functions or scenes

If you want to edit a scene or a function:

1 Go to Settings > [Advanced settings] > [Manage functions].
2 Select the desired function or scene in the overview.
3 Make your desired changes using the Gira G1 instructions.
The change options offered depend on the range of functions of the selected function or scene.

only as administrator in "Customised" mode

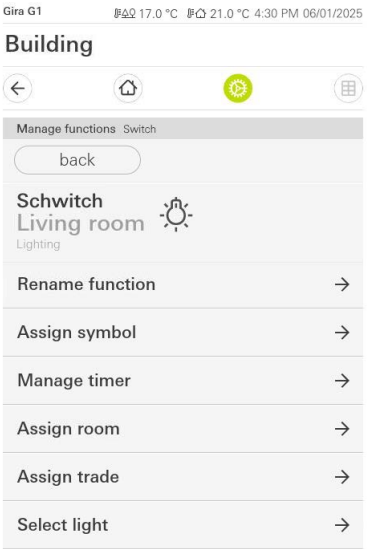

Figure 27
Edit function

4.7.3
Adding Sonos audio control

The Sonos audio control function allows you to control the Sonos sound system from the Gira G1. The following functions are available with the Gira G1:

- Start/pause track
- Adjust volume
- Mute
- Skip tracks (previous and next track)
- Display track, artist, album and playlist
- Switch playlist (previous and next playlist)

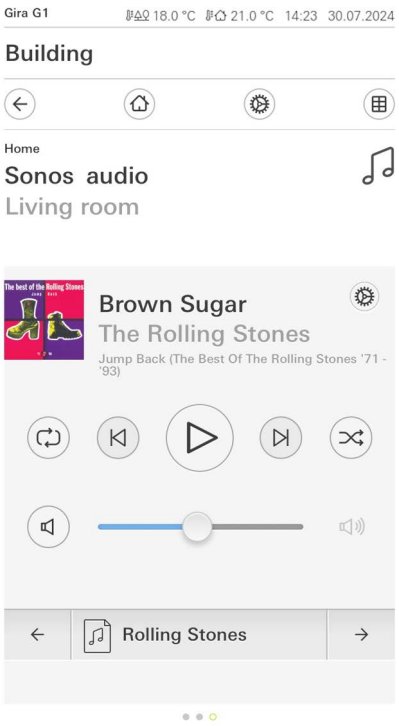

Figure 28
Sonos audio control

1 Go to Settings > [Advanced settings] > [Manage functions].
2 Tap the [+] button.
3 Tap on [Sonos audio control].
4 Select the Sonos speaker you want to use for playback and work through the setup wizard.

only as administrator in "Customised" mode

Number of Sonos devices

You can configure a maximum of eight Sonos devices via the Gira X1 Client. If several Sonos devices are combined into a group via the Sonos app, the group master is displayed.

Changing the Sonos speaker

1 In the detailed view within the Sonos application, tap .
2 Tap on [Change Sonos speaker].
3 Select the Sonos speaker you want to use for playback.

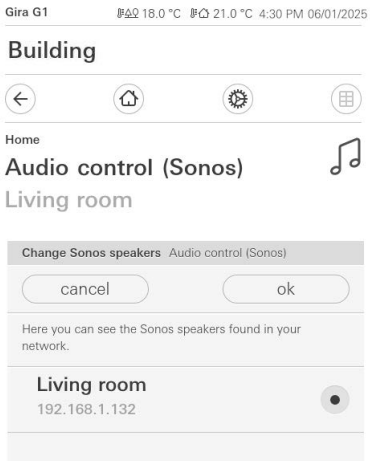

Figure 29
Changing the Sonos speaker

Configuring Sonos favourites (Gira X1)

If you create favourites in the “My Sonos” app, these are automatically copied in alphabetical order and can be used on the Gira G1.

In a Smart Home configuration with a Gira X1, it is possible to change the order of favourites for the Gira G1:

1 Go to the Gira X1 device website by opening the [Network] folder on your PC in Windows Explorer and double-clicking on [Gira X1].
2 Enter your login details according to your user type (device, administrator, installer or user).
The login details were previously defined in the user administration when configuring the Gira X1 system in the GPA.
Login details for the selection [Device]:
User name = device / Password = system key
3 Select the [Sonos favourites assignment] view.
4 Select the appropriate Sonos device from the [Select Sonos speaker] drop-down menu.
5 Click on a memory space in the list to set or change a favourite.
There are 255 memory spaces available.

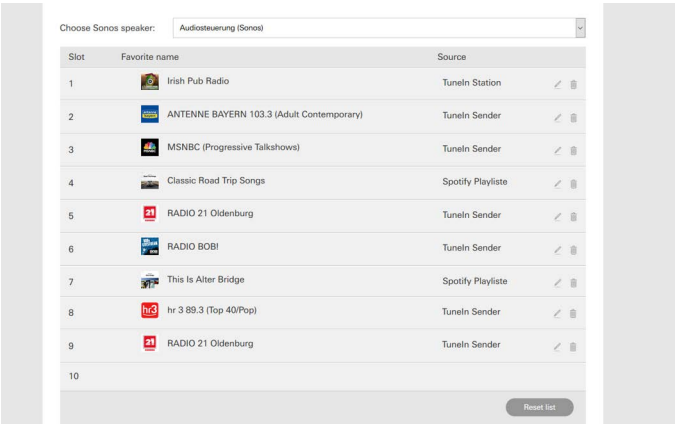

Figure 30
Sonos favourites assignment

6 Click [Save list] once you have finished making changes.

Behaviour of Sonos favourites

If you have configured the list of Sonos favourites on the device website, this list will not subsequently be automatically updated. This means that if you make changes to favourites in the Sonos app, these changes are not automatically transferred to the Gira G1. One advantage of this is that the assignment of a Sonos favourite to a KNX pushbutton sensor cannot be accidentally changed by adding a favourite in the Sonos app.

If a favourite from the Sonos app is to be added to the list of the Gira G1, this change must be made on the Gira X1 device website.

If you have accidentally deleted a Sonos favourite in the Sonos app that you would otherwise call up via a pushbutton sensor, the pushbutton sensor loses the assigned function. In this case, you should configure a new favourite on the Gira X1 device website to replace the deleted favourite.

4.7.4 Setting up Philips Hue lights

The Gira G1 allows you to integrate and control Philips Hue lights:

only as administrator in "Customised" mode

1 Go to Settings > [Advanced settings] > [Manage functions].
2 Tap the [+] button.
3 Tap on [Philips Hue light].
4 Follow the setup wizard.

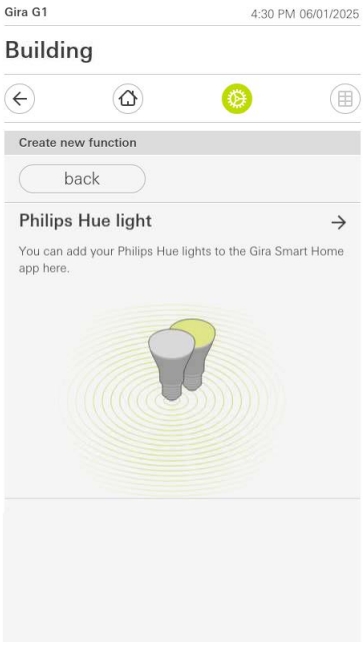

Figure 31
Philips Hue

4.7.5
Configuring the IP camera

This function is only available in a Smart Home configuration with a Gira One system. In a Smart Home with a Gira X1, IP cameras can only be configured in the GPA.

Requirement: The IP camera device is created in the GPA project.

1 Go to Settings > [Advanced settings] > [Manage functions].
2 Tap the [+] button.
3 Tap on [IP camera].
4 Work through the setup wizard for further setup.

only as administrator in "Customised" mode

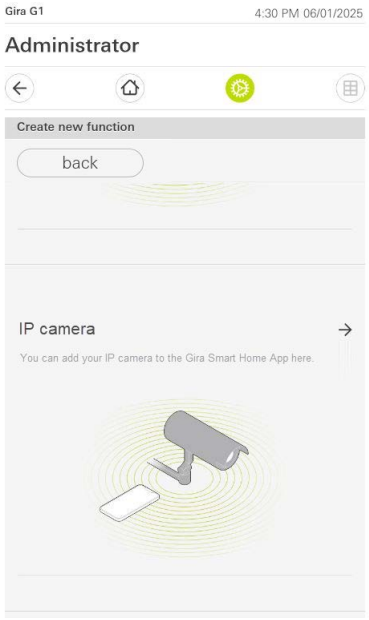

Figure 32
IP camera

Number of IP cameras

A maximum of 20 IP cameras can be configured.

4.8 Manage users

This function is only available in a Smart Home configuration (Gira One, Gira X1) in “Customised” mode.

[Manage users] is an administrator function that allows you to create new users and edit or delete existing users.

This menu can be opened via Settings > [Advanced settings] > [Manage users].

Tapping on the user gives you the following options:
- Rename user
- Change login details
- Select the functions to be authorised
  Specify which functions the user can perform.
- Transfer functions to be authorised from …
  Transfer the authorised functions of another user to the user.

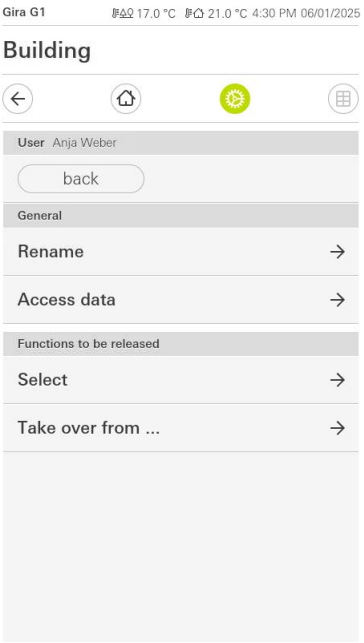

Figure 33
Manage users

4.9 Viewing the connection to the Gira device

This menu is only available in a Smart Home configuration (Gira One, Gira X1) and shows the current connection to the corresponding server.

The connection also shows the mode of the Gira G1, which is set in the GPA. The following modes are available:

- Central operating device: The Gira G1 is used to operate the functions of the entire building.
- Room operating device: The Gira G1 only operates the functions of the room to which it has been assigned.
- Customised: Operation depends on the selected user and their user role as well as the functions authorised in the GPA.

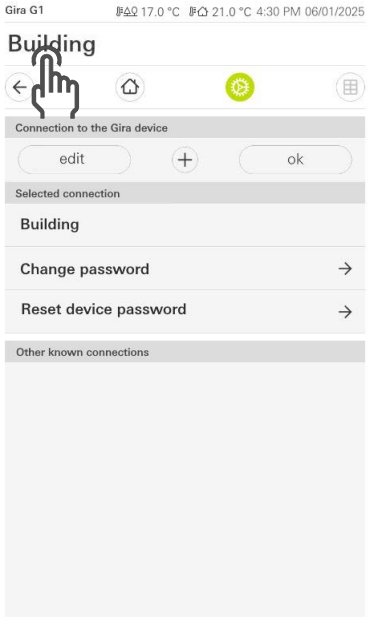

Figure 34
Connection to the Gira device

Open this menu
- under Settings > [Advanced settings] > [System] > [Connection to the Gira device]
- or by tapping the name of the connection/user.

Depending on the connection, you can make the following changes:

- Change the name of the connection/user
- Add more connections/users and then switch between connections/users
- Change a user's password (if available)
- Reset the device password to the default initial device password (only if you are logged in as an administrator)

4.10 Using PIN protection

You can protect all system settings, i.e. [Advanced settings], from unwanted access with a PIN. This does not include display brightness or screen lock.

PIN protection can be found under Settings > [Advanced settings] > [PIN protection].

If PIN protection has already been activated in the GPA, you can subsequently change the PIN in the Gira G1 or deactivate PIN protection again.

Change PIN

If you have forgotten the PIN, it can only be reassigned in the GPA.

Forgotten PIN

Security with PIN protection

We highly recommend the use of PIN protection to protect data and settings from unauthorised access. A PIN with a minimum of eight digits should be used for this purpose. Avoid simple combinations such as 12345678 or 12121212 etc.

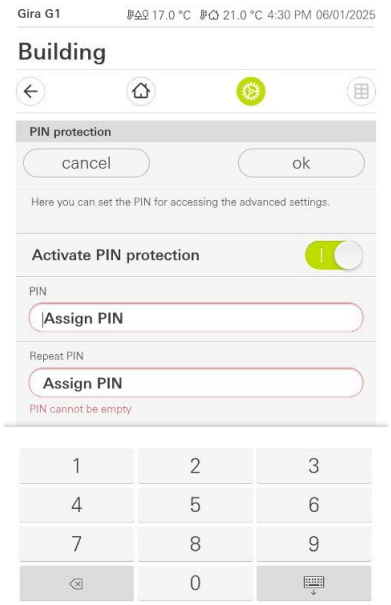

Figure 35
PIN protection

4.11
Configuring timers

This setting is only available in a Smart Home configuration (Gira One, Gira X1).

Certain functions can be controlled via a timer, allowing them to be triggered at a specified time on a particular day. These functions include:

- Switches and buttons (on/off) with ten switching times
- Dimming with ten switching times
- Blind/shutter functions with ten switching times
- Value transmitter with ten switching times
- Scene auxiliary unit with ten switching times
- Air conditioning system with ten switching times
- Temperature controller and sauna function with 28 switching times

Gira X1 timers

The timers are first activated in the GPA using the [Show function timer] parameter for the respective function.

You have two options for opening the timer configuration menu:

Timer
Opening the configuration

- Option 1: Tap on the clock symbol in the detailed view of the respective function.

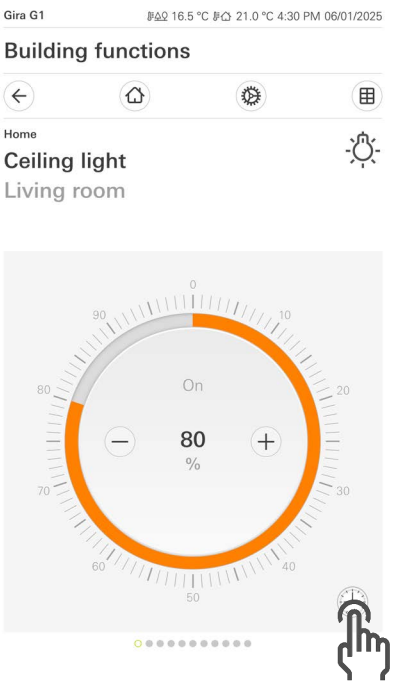

Figure 36
Detailed view
Timer

- Option 2: Open the overview under Settings ⚙ > [Advanced settings] > [Timer switches] and select a function.
  The overview shows all functions for which timers are already stored or can still be stored. Use the [Functions without clocks] slide switch to show or hide the respective functions.

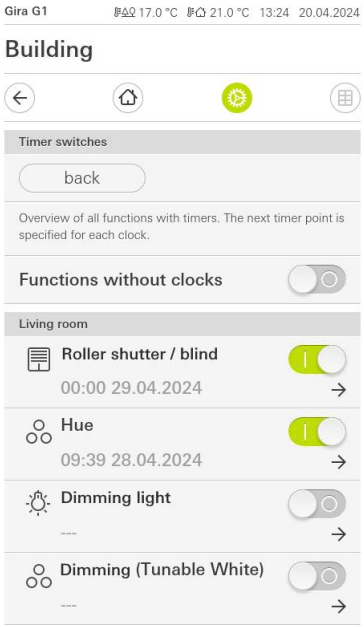

Figure 37
Overview
Timers

The overview always shows the next switching time for the function. However, the slide switch can be used to activate or deactivate all of the saved switching times for the function.

Creating switching times

1 Open the configuration menu for a timer using one of the options described above.
2 Tap the [+] button to add a switching time.
3 Select the day or days of the week on which you want the switching time to be executed.
4 Set the time using one of the following three options:

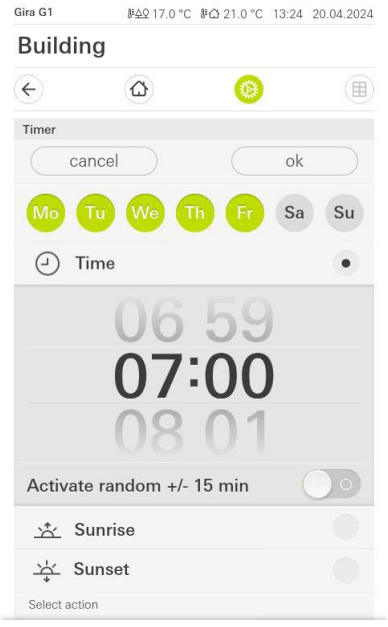

Figure 38
Setting the time

- Time
  Freely adjustable
- Sunrise
  Activates the switching time at the calculated sunrise time.
  Additional option of a time limit under [Set earliest/latest]: [Earliest] activates the switching time at sunrise, but not before the time entered. [Latest] activates the switching time at sunrise or by no later than the time entered.
  [Move sunrise time] allows the switching time to be moved by up to 120 minutes before or after the calculated sunrise time.
- Sunset
  Activates the switching time at the calculated sunset time. Additional option of a time limit under [Set earliest/latest]: [Earliest] activates the switching time at sunset, but not before the time entered. [Latest] activates the switching time at sunset or by no later than the time entered.
  [Move sunset time] allows the switching time to be moved by up to 120 minutes before or after the calculated sunset time.

5 If necessary, you can use the [Activate random +/- 15 min] function if you want to reduce or increase the switching times by up to 15 minutes using the random component.

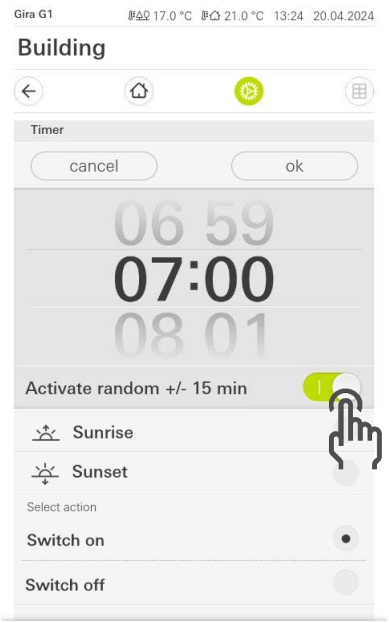

Figure 39
Random function

6 Under [Select action], define the action that the function is to perform.
7 Confirm the configuration of the switching time with [ok].

Temporarily deactivating individual switching times

If you wish to temporarily deactivate individual switching times rather than the entire timer, simply deactivate all weekdays of the desired switching time.

4.12
Regulating the temperature

This setting is only available in a Smart Home configuration (Gira One, Gira X1).

Changing the mode

In the detailed view, you can use the [Mode] button to switch between the following operating modes, for which different setpoint temperatures are stored:

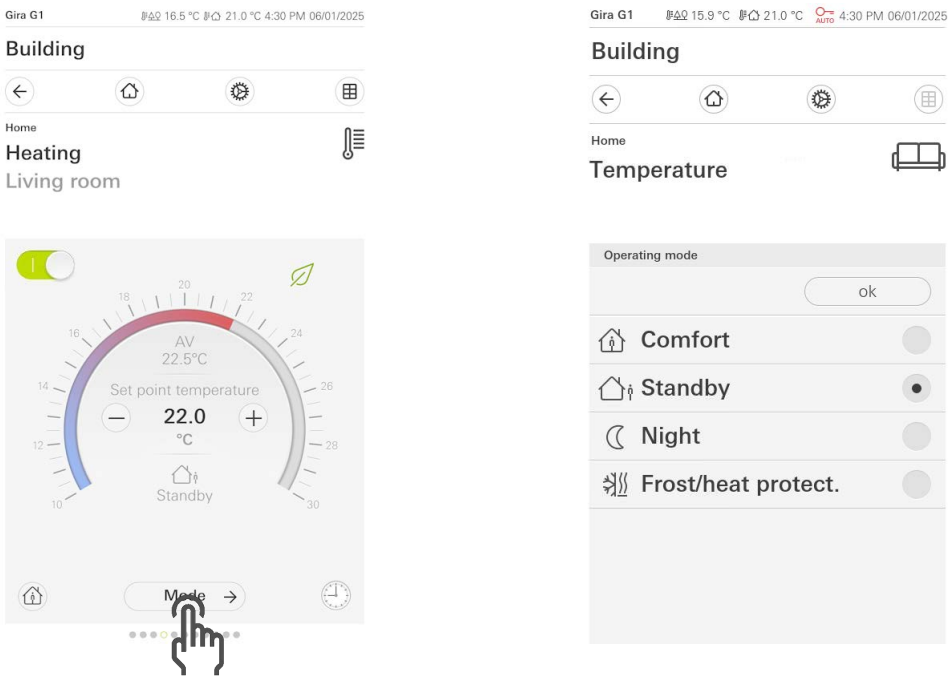

Figure 40
Mode

- Comfort
  Adjusts to a pleasant room temperature when people are present in the room.
- Standby
  Decreases the room temperature when the room is not in use during the day.
- Night
  For heating systems: Decreases the room temperature during night-time hours or during extended periods of absence, e.g. in bedrooms.
  For cooling systems: Increases the room temperature if air conditioning is not required, e.g. in offices.
- Frost/heat protection
  Prevents the room from freezing or overheating, depending on whether the “Heating” or “Cooling” operating mode is set.

Presence button

The presence button can be used to switch to Comfort mode from Night mode or frost/heat protection directly in the detailed view. This function is used to adjust the room temperature to the Comfort temperature for a specific period of time, for example for a party taking place during night-time hours.

If the presence button is pressed when in Standby mode, the system is set to the Comfort temperature until subsequently adjusted.

On/off slide switch

If the “on/off” function has been configured in the Smart Home with a Gira X1 in order to be able to switch the heating on or off directly, the corresponding slide switch is available.

4.13 Displaying the temperature

Two temperatures can be displayed in the status bar:

- Indoor temperature
  Functions that output actual temperatures and that are of the type “Status display decimal”
- Outdoor temperature
  Functions of the type “Status display decimal”

Activating the temperature display

1 Go to Settings > [Advanced settings] > [View configuration] > [Temperature display].
2 Select the desired temperature category.
3 Activate the display using the slide switch.
4 Select the function for which you wish to see the temperature value in the status bar.
5 Confirm your selection with [ok].

Room operating device

In “Room operating device” mode, you can only use this display if the corresponding functions were located in the same room as the Gira G1 during configuration.

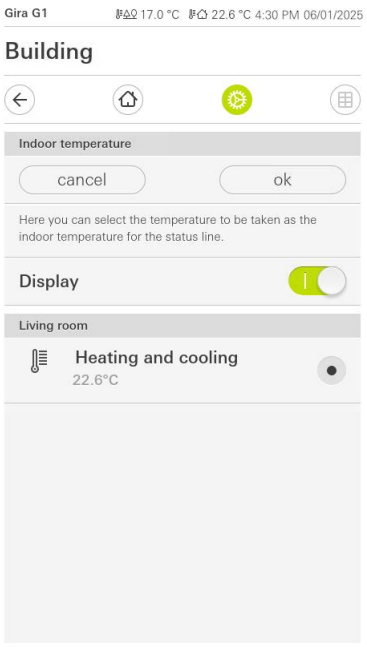

Figure 41
Selecting the temperature

Selecting the correct data type – Gira X1

The data type (KNX) “9.001 temperature (°C)” must be used for the temperature display functions.

4.14
Displaying the weather forecast

The weather forecast displays the weather data for the current day and the two following days. You can select up to five locations. The weather forecast obtains the data from the Gira weather service.

Figure 42
Weather forecast

The weather forecast is set up as follows:

Requirement:
✓ The weather forecast is activated for the Gira G1 in the GPA project.
✓ The Gira G1 is connected to the Internet.

1 Go to Settings > [Advanced settings] > [Select weather station].
2 Follow the additional instructions in the Gira G1.

If you have selected multiple weather stations and would like to switch between these in the view, swipe left or right in the view.

4.15
Calling up door communication

In a Smart Home, open the door communication start screen by tapping the [Door communication] application in the detailed view or tile view.

The operating elements available depend on the door communication system used and the individual configuration.

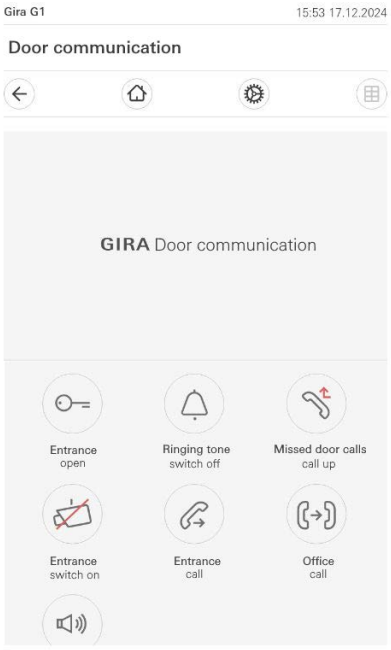

Figure 43
Door communication IP
Smart Home

4.16 Triggering a door call

Accepting a door call

Door calls are accepted with the [Accept call] button.

If the door station has a camera, the camera image is displayed automatically when a door call is received.

The maximum duration of an accepted door call is two minutes, after which the call is ended automatically. This does not apply to SIP door communication.

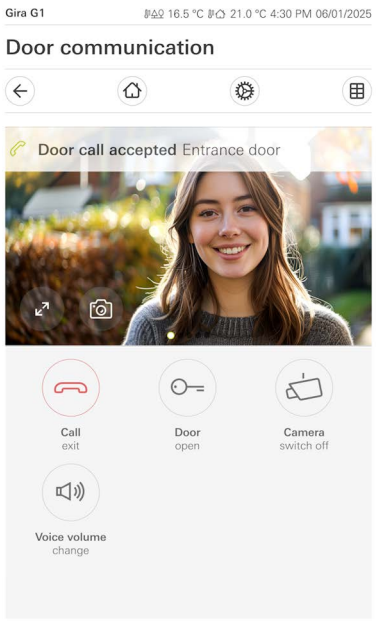

Figure 44
Accepting a door call

Incoming calls

When an incoming door call is received, any internal calls or floor calls that are in progress are automatically terminated.
An incoming internal call is always rejected if a door call or internal call is already active.

Changing the camera image

When a door call is accepted, the camera image from the door station from which the door call originated appears. If necessary, you can switch between the camera images by swiping left or right on the Gira G1 or by selecting the camera symbols.

Continuing a door call

If you or the other party actively ends the door call, you can continue the door call within 30 seconds via the Gira G1. This only applies to SIP door communication if this function is supported by the door station of the third-party system.

Missed door call

An incoming door call that is not accepted ends automatically after two minutes. If the door station includes a camera, three recordings are made, which you can view in the media storage – if enabled/activated – via [Missed door calls]. Any such missed door calls are signalled by the Gira G1 with an illuminated green LED.

The media storage is activated under Settings > [Advanced settings] > [Use media storage].

4.17 Initiating a call

On the Gira G1, as well as accepting incoming door calls, floor calls or internal calls, you can also call a door station or another home station (internal call).

The ability to call the door station or another home station depends on the system configuration. If these functions are not available, they were not enabled during the system configuration.

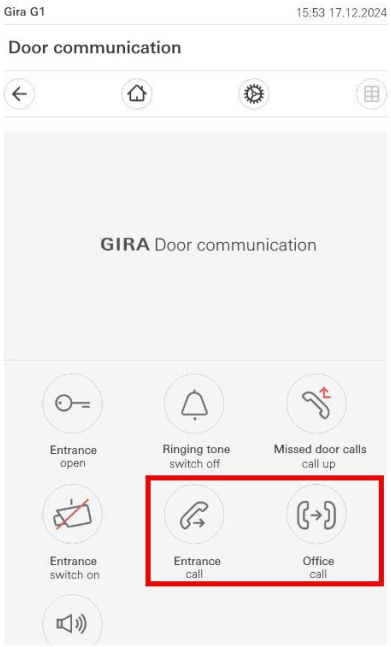

Figure 45
Door communication
Initiating a call

Calling a door station

To call the desired door station, tap the corresponding symbol on the start screen of the door communication system. If several door stations are connected, the selected door station opens.

If you call a particular door station more often than the others, you can add it as a favourite on the start screen of the door communication system [see 4.20].

Initiating an internal call

To call the desired home station (or Concierge), tap the corresponding symbol on the start screen of the door communication system. If several connections have been created as internal calls, the selected connection opens.

If you call a particular home station more often than the others, you can add it as a favourite on the start screen of the door communication system [see 4.20].

4.18
Setting the ringtone

Ringtone off

On the start screen of the door communication system, you can switch the ringtone for incoming calls off (or on). Please note that the ringtone will not sound in an emergency.

Ringtone volume

You can adjust the ringtone volume on the Gira G1 on the start screen of the door communication system.

Ringtone melody

You can assign individual ringtone melodies to each door call, floor call or internal call.

Depending on the call type you wish to assign, go to Settings > [Advanced settings] > Door communication section [Door stations / call buttons] or [Internal calls] or [Floor calls].

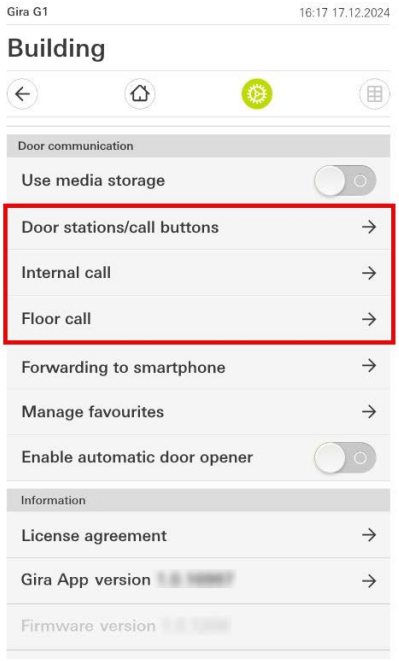

Figure 46
Door communication
Ringtone melody

4.19
Setting the voice volume

You can adjust the voice volume directly on the Gira G1 during the call.

4.20
Setting up door communication favourites

For quick access, you can place two of your preferred functions on the start screen of the door communication system. These can be subsequently changed:

Go to Settings > [Advanced settings] > Door communication section [Manage favourites].

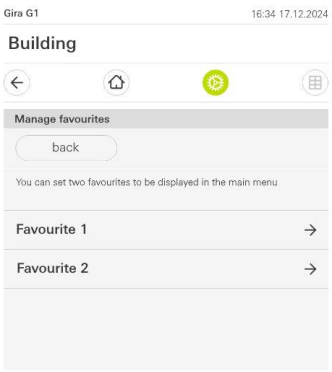

Figure 47
Door communication favourites

Gira door communication 2-wire bus

With the Gira door communication 2-wire bus, you can define the two favourites (function buttons) in advance, exclusively via the DCS IP gateway. Changes cannot subsequently be made in the Gira G1.

4.21
Calling up the camera

You can call up the camera of one or more door stations on the start screen of the door communication system by selecting the respective camera symbol or swiping to the right or left.

There is no audio transmission when the camera image is called up.

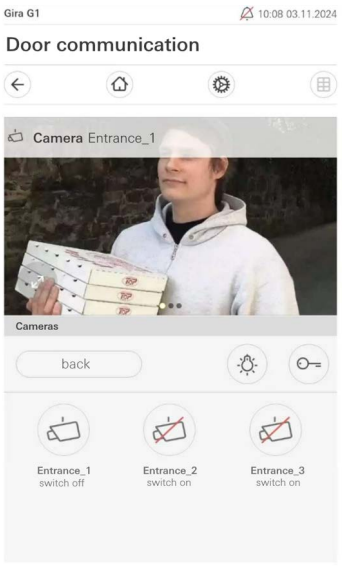

Figure 48
Door communication cameras

4.22 Using the automatic door opener

The automatic door opener is used to open the door automatically after a door call so that a person can come straight into the building (e.g. at a doctor's surgery). The automatic door opener triggers approximately four seconds after the door call at the door station from which the door call originated.

An active automatic door opener is indicated accordingly in the status bar as well as in the function for opening the door.

Figure 49
Door communication automatic door opener

The activation instructions differ depending on the system:

Gira door communication system IP (detached house or Smart Home)

The automatic door opener is available directly in the Gira G1:

1 Go to Settings > [Advanced settings] > Door communication section [Enable automatic door opener].
✓ When enabled, the corresponding button appears on the start screen of the door communication system.
2 Tap the automatic door opener button to activate/deactivate the function.

Gira door communication system IP (apartment building/large property)

Requirement: The automatic door opener has been enabled in the GPA.

Activate/deactivate the automatic door opener in the Gira G1 as follows:

1 Go to Settings > [Advanced settings] > Door communication section [Enable automatic door opener].
✓ When enabled, the corresponding button appears on the start screen of the door communication system.
2 Tap the automatic door opener button to activate/deactivate the function.

Gira door communication system 2-wire bus

Requirement: The automatic door opener has been enabled in the DCS IP gateway and, if necessary, added as a favourite.

Activate/deactivate the automatic door opener in the Gira G1
- under Settings > [Advanced settings] > Door communication section [Enable automatic door opener] or
- on the start screen of the door communication system, if it has been added as a favourite.

4.23
Activating forwarding to smartphone

Forwarding to your smartphone allows you to receive door calls while out and about. This function is a chargeable service.

If forwarding is set up, you can subsequently activate and deactivate it as required
- under Settings ⚙ > [Advanced settings] > Door communication section [Manage forwarding] or
- on the start screen of the door communication system, depending on the configuration.

Active forwarding is marked in the status bar with ⇄.

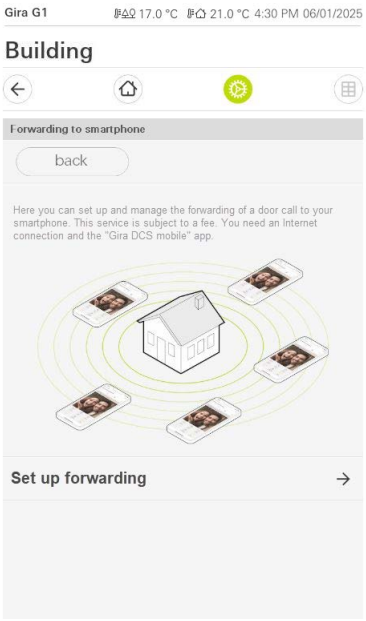

Figure 50
Door communication mobile forwarding

The setup instructions differ depending on the system:

Gira door communication system IP

In the Gira G1, configure forwarding under Settings ⚙ > [Advanced settings] > Door communication section [Forwarding to smartphone]. Then follow the instructions in the Gira G1.

Gira door communication system 2-wire bus

Forwarding is set up in the DCS IP gateway. For instructions, see Setting up mobile forwarding ↗.

SIP door communication system

Forwarding is not available for SIP door communication systems.

5

Error messages

Error messages are indicated by a symbol in the status bar. The majority of errors are caused by a lost network connection. Therefore, you should first check the network connection of the Gira G1.

Possible error messages:

- "The connection to the DCS IP gateway has been interrupted."
  Indicates that a connection has been interrupted after setting up the door communication function. Check the network connection to the DCS IP gateway.

- "Login failed."
  Check the user name and the password entered for the DCS communicator set up for the Gira G1.

- "The DCS IP gateway is not available."
  Check the connection to the DCS IP gateway.

- "Error during connection to the DCS IP gateway."
  Indicates that a connection has been interrupted after setting up the door communication function. Check the connection to the DCS IP gateway.

- "The network connection was interrupted."
  Check the connection of the Gira G1 to the network.

- "The weather service is not available."
  Check the Internet connection of the Gira G1.

- Incorrect date and time displayed, no weather forecast function.
  If the [Weather] function and the date and time display do not work correctly, check whether a DNS server is entered in the network settings or if the firewall is blocking the desired data traffic.

6

Data protection

6.1 Privacy Policy

Gira Giersiepen GmbH & Co. KG, as the controller, processes personal data when using the products for the purpose of providing the services and support as well as for the further development and improvement of the products. As a data subject, you have the right of access, right to rectification, right to erasure, right to restriction of processing, right to object, and right to data portability vis-à-vis the controller.

For more information on the processing of your personal data, please refer to our Privacy Policy:

https://partner.gira.com/en/impressum/datenschutz.html ↗.

6.2 Microphone

The Gira G1 has an integrated microphone. This microphone is used exclusively for voice communication in a door communication system in which the Gira G1 is used as an indoor intercom.

The microphone is only active during an accepted door or internal call. An active call is indicated in the display by a green handset icon. If the call is ended, via a button or after a period of time has elapsed, the microphone becomes inactive.

The audio data is therefore only captured and transmitted to the other party during an accepted door call or internal call. The audio files are neither saved nor processed, nor are they disclosed to third parties.

With the Gira door communication system IP, voice communication is encrypted as standard.

With the Gira door communication system 2-wire bus, voice communication is unencrypted.

Both encrypted and unencrypted voice communication is possible with SIP door communication (third-party system). This setting must be actively applied during configuration on the device website.

6.3 Network interfaces

In the default state, the Gira G1 offers the following network interfaces and services:

Network interface/service	Port/protocol
LAN interface	-
GDS interface	4433/WSS, 4432/HTTPS
Web interface	80/HTTP, 8080/HTTP 443/HTTPS
Discovery	1900/SSDP, 5353/mDNS
Firmware update	6881/Bittorrent 6771/Bittorrent

7

Warranty

The warranty is provided in accordance with the statutory requirements via the retailer.

Please hand over or send faulty devices, postage paid and with a description of the problem, to your supplier (retailer/installation company/electronics retailer), who will forward the devices to the Gira Service Centre.

8

Licence conditions

The product contains software, the use of which is subject to the Gira licence conditions. By installing and using the software, you agree to these licence conditions.

The software contained in the product contains software components from third-party providers (Third Party Intellectual Property - TPIP).

The licence agreement and the overview of the TPIP licences and their licence texts can be found here↗.