

Gira surface-mounted
video home station 7

GIRA

Assembly and start-up instructions

For electricians only

Table of contents

Product features	4
Features	4
Contents included	4
Accessories	4
Device description	5
Device description – details	5
Mounting the home station	6
Wiring the plug terminal	6
Wall mounting	7
Taking down the home station	9
Input screen	10
First start-up	11
Initialising	11
First steps – basic configuration	12
Settings	14

Functions	16
Cameras	16
Image memory	18
Door calls	20
Internal calls	21
Floor calls	23
Switching actions	24
Managing favourites	25
Enabling automatic internal call acceptance	26
Enabling automatic door opener	27
Device	28
Activating 30s screen lock	28
Ring tone melodies and key tones	29
Device parameters	30
PIN protection	33
Update	34
Data backup	35
Resetting the settings	36

Information	37
System version	37
EULA	37
Legal information	37
Contact details	37
microSD card	38
General information	38
Inserting a microSD card	40
Removing a microSD card	40
Technical data	41
Warranty	42

Product features

The surface-mounted video home station 7 from the Gira door communication system is a fully pre-assembled unit with a 17.78 cm (7") colour TFT display and convenient speakerphone function. It is operated using the touch-screen and the five capacitive operating buttons. Only a light touch is required for operation. When a button is pressed correctly, a deactivatable confirmation tone sounds or the user can also select tactile feedback (vibration) for this.

Features

- Full-surface glass panel with touch functionality
- Touch keys
- Wall-mounted with or without flush-mounted device box
- Assembly with pedestal for use on furniture (requires accessories)

Included contents

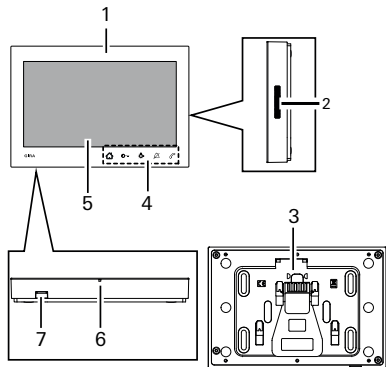
- 1x surface-mounted video home station 7
- 1x assembly and start-up instructions
- 1x operating instructions

Ensure the package contents are complete and undamaged. Please see "Warranty" in the case of any defects.

Accessories

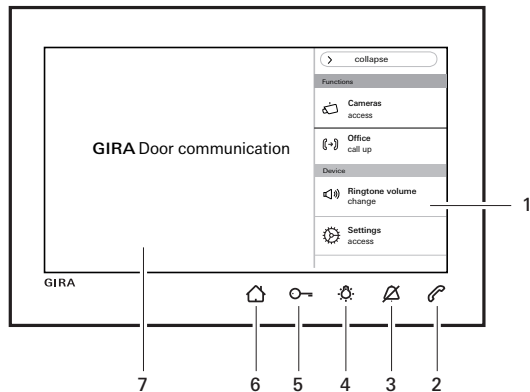
- Surface-mounted video home station 7 base foot (art. no. 1282 ..)
- Power supply for door communication DC 24 V 300 mA (art. no. 1296 00)
- Power supply for door communication DC 24 V 700 mA (art. no. 2570 00)






Device description



- 1 Surface-mounted video home station 7
- 2 Speaker opening
- 3 Mounting plate with plug terminal
- 4 Operating buttons, capacitive
- 5 Screen with touch function
- 6 Microphone opening
- 7 Insert for memory card

Device description – details



- 1 Menu bar, can be expanded or collapsed
- 2  Accept/end door call
- 3  Enable/disable ring tone
- 4  Switch on light
- 5  Open door
- 6  Switch screen on or off.
When navigating in the menu: Back to home screen.
- 7 Screen with touch function

Mounting the home station



Additional power supply

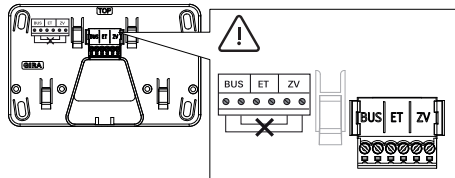
When connecting an additional power supply, the power supply unit must be EN 61558-compliant.

In addition, ensure a short-circuit current value of $< 1.5 \text{ A}$.



Do not bridge the BUS and AS terminals.

The BUS and AS terminals must not be bridged. The home station automatically detects whether an additional power supply is connected.



Wiring the plug terminal

Wire the plug terminal as follows:

- BUS terminals for 2-wire bus,
- Additional supply (AS) terminals for any additional power supply required (one additional power supply per device is required for more than three surface-mounted home stations video 7 called in parallel),
- FC terminals for floor call button.

Mounting the home station

The following mounting options are available:

- Wall mounting. You can use the mounting plate to cover an existing flush-mounted device box or cavity box.
- Assembly on pedestals for placement on furniture (see accessories).

The section below describes how to mount the device on a wall.

For setting up the device on pedestals, refer to the separate installation instructions.

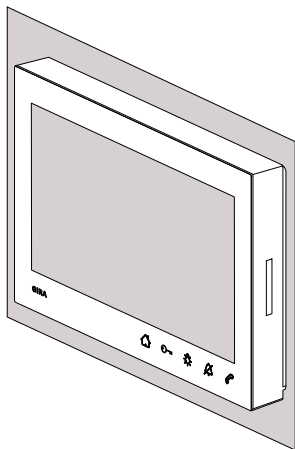
Wall installation



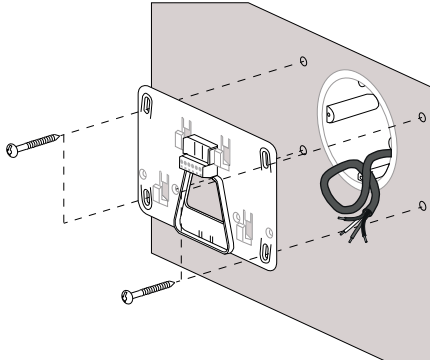
Installation note

Recommended mounting height: 1.60 m to 1.70 m (centre of screen).

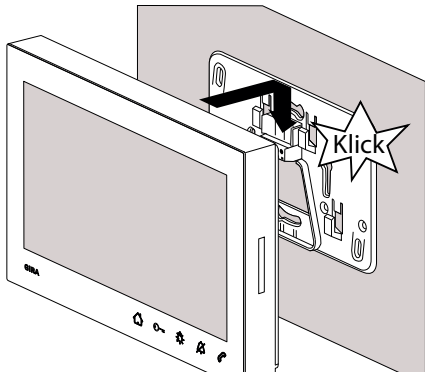
Make sure the wall surface is smooth. An irregular wall surface may result in the mounting plate warping during installation. This can prevent the home station from being correctly clipped onto the mounting plate.



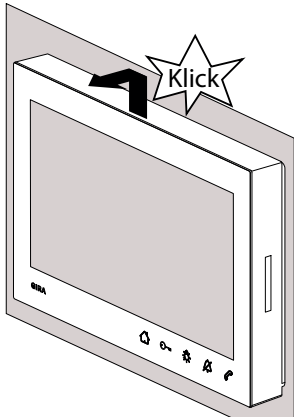
Mounting the home station



1. Mark the hole positions (for four oval-head screws \varnothing 4 mm), drill the holes and insert wall plugs. Select the installation spot so that the mounting plate is centred over the cable outlet.
2. Fasten the mounting plate to the wall.
3. Strip the supply cable and wire the plug terminal. Stow any surplus cable.
4. Place the home station on the mounting plate and push it down until you feel and hear (click) the home station snap into place.



Taking down the home station

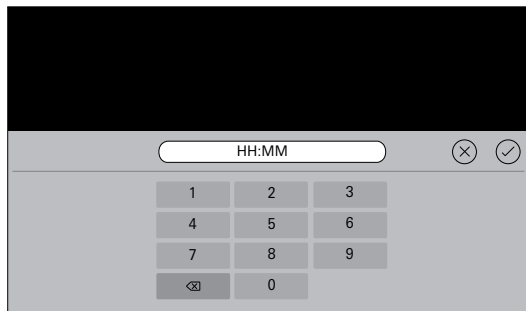


Detach the home station from the mounting plate as follows.

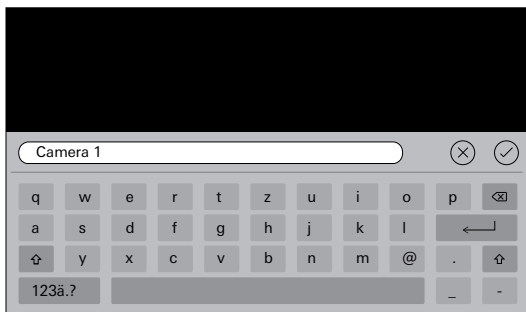
1. Hold the home station with both hands, supporting the housing from below with your thumbs and holding the home station's sides with your fingers.
2. Give the home station a firm push upwards with your thumbs until you feel and hear (click) it release from the catch.
3. Detach the home station from the mounting plate.

Input screen

A





B




The surface-mounted video home station 7 has two input screens:

- A numerical input screen (A) for entering date and time.
- Alphabet input screen (B) for spelling out designations.

To make any changes, always tap the corresponding input field. Use  to delete characters. Each character is deleted separately.

Use  to confirm new entries.

Tap  to abort an entry and keep the previous value or name.

First start-up


Once all devices have been installed (door and home stations, control unit etc.), you can start up the door communication system.



Starting up the door communication system

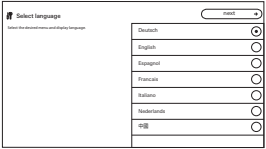
Refer to the system manual for instructions on how to start up the system and for notes on major start-up procedures (manual included with the respective control unit or available for download from www.download.gira.de).

Initialising

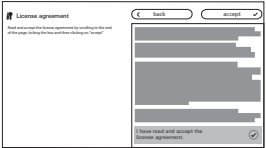
After switching on the power supply, tap  to call up the basic config screen.

If you are using an additional power supply, the basic config screen appears automatically.

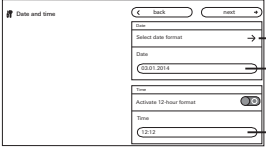
First start-up

- 

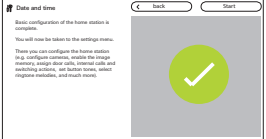
1. **Select language**
Select the preferred screen and menu language.

Deutsch
English
Español
Français
Italiano
Nederlands
Polski
- 

2. **License agreement**
Read and scroll for license agreement by scrolling to the end of the page. Tap the screen below the text "I have read and accept the license agreement."

I have read and accept the license agreement.
- 

3. **Date and time**

Select date format
Date
05/01/2018
Time
Activate 12-hour format
Time
12:12
- 

4. **Date and time**
Basic configuration of the home station is complete.
You will now be taken to the settings menu.
There you can configure the home station (e.g. configure controls, enable the image memory, enable slow scan, manual auto, and auto-focus), set the camera resolution, select region resolution, and touch screen.


First steps – basic configuration


1. Set screen and menu language.
Factory default: German
2. Read and accept EULA. To do so, scroll down to the end of the licence agreement, confirm and tap "Accept". You have to accept the EULA. The surface-mounted video home station 7 cannot be started otherwise.
3. Choose a date format and set the date.
Time format (12- or 24-hour clock) and set the time. Then tap "Next".
4. Tap "Start". You have completed basic configuration. The settings menu opens and you can apply additional settings for start-up.

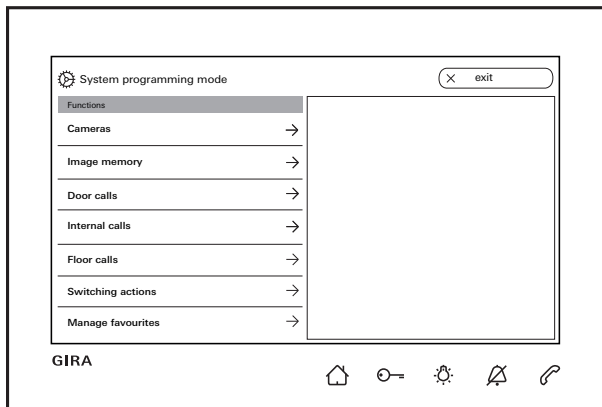
Settings

Once you have completed the basic config, the settings menu opens automatically.

Otherwise:

1. Enable programming mode (press and hold "Systemprog." on the control unit for 3 seconds).
2. Tap  and select "Settings access" in the menu bar. Navigate the settings menu by scrolling with your finger.

All settings shown below are for programming mode only (indicated by the header "System programming mode" beside ).

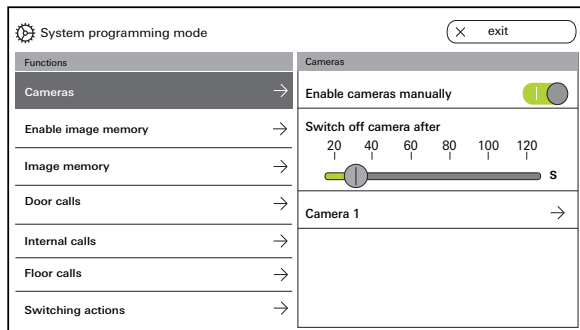


Assigning home station and door station

The call buttons must be assigned via the light button of the home station as specified in the system manual.

Area	Selection	Settings
Functions	Cameras	Activate cameras manually and parametrise switch-off time. Show and rename cameras; set brightness, contrast, colour, frequency.
	Image memory	Enable image memory Enable automatic image capture upon door call. Select number of images upon door call and adjust pause between image capture.
	Door calls/internal calls/floor calls	Show and rename calls. Select ring tone melodies or replace with own ring tone melodies. Restore default ring tone melody. Internal calls only: Add new internal call.
	Switching actions	Add, rename or delete new switching action.
	Manage favourites	Show or block favourite and parameterise.
	Enable automatic internal call acceptance	Enable function for user.
	Enable automatic door opener	Enable function for user.
Device	Activate 30 s screen lock	Activate when cleaning the screen.
	Ring tone melodies and key tones	Play back ring tone melodies or replace with own ring tones. Restore default ring tone melody. Enable/disable key tones. Adjust type and volume.
	Device parameters	Activate resistance. Parametrise screen settings (home screen and brightness). Enable or disable key vibration and adjust intensity. Select screen and menu language, adjust date and time.
	PIN protection	Unlock PIN protection. Enable PIN protection and enter PIN.
	Update	Enable update function and run update.
	Data backup	Enable and perform data backup, data restore and image memory lock.
	Reset the settings	Delete cameras, reset call assignments, factory defaults.
Information	System version	Find details regarding the firmware and hardware versions, bus address and index version here.
	EULA text	You can also review the EULA and legal information here. You can save the EULA to a microSD card. This is also where to find the Gira hotline's contact details which can be changed using your own contact details.
	Legal information	
	Contact details entered	

Functions



Cameras

You can assign and rename up to 20 cameras for the surface-mounted video home station 7.

Activate camera manually


You can set whether users can activate assigned cameras manually. If the function is disabled, the camera image only comes on when there is a door call.

Camera switch-off time

The slider sets the duration for which the camera relays footage when activated manually (20 to 120 seconds).

Factory default: 30 seconds

Rename cameras

1. Select a camera and tap the name field. The input screen for renaming appears.
2. Change the name in the input screen and tap  to confirm.

Adjust cameras

Adjust the brightness, contrast, colour and frequency using the corresponding slider. The set value is stored automatically.

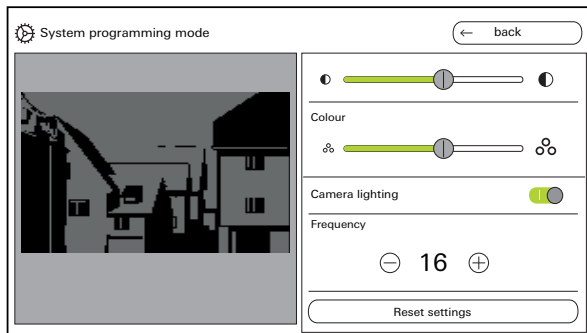
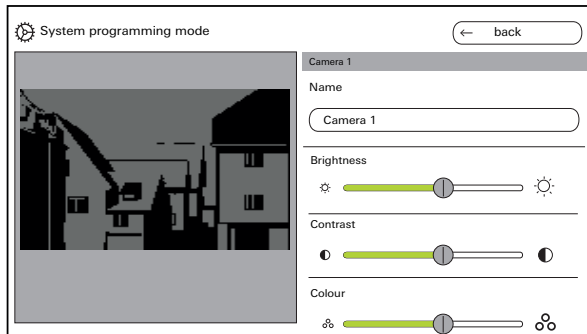
Settings for multiple surface-mounted video home station 7 and colour cameras

The brightness, contrast, colour and frequency settings always only apply to the connection between the active surface-mounted video home station 7 and colour camera. This means that if there are multiple home stations or cameras, the parameters need to be adjusted separately for each camera in every home station.

Switch on/off camera lighting

Adjust frequency to fine-tune video signal

Resetting the settings only resets the camera settings. No assignments are deleted.



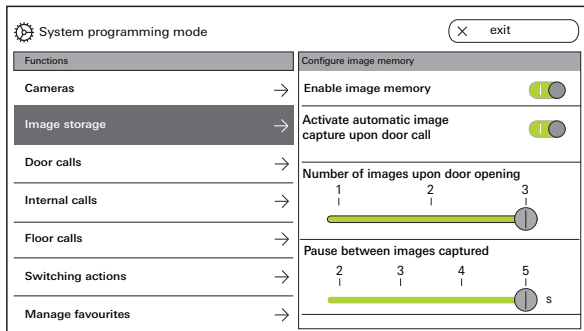


Image memory



Data protection law

Please note that, in the EU, surveillance of publicly accessible spaces using opto-electronic technology and recording of the obtained data is subject to the General Data Protection Regulation (GDPR) and other national laws and that a variety of legal requirements must be met to make such surveillance legally admissible. All applicable national laws, most notably those governing data protection, should be observed outside of the EU as well.

Enable image memory

Enable or disable access to image memory via switch.

Factory default: approved

If enabled, users will have access to the image memory through the settings menu and menu bar.

Image memory settings

Select image memory and adjust the following parameters:

- Enable automatic image capture upon door call
- Number of images per door call (1 to 3)
- Pause between image captures (2 to 5 s)

Note the following:

The home station's internal image memory stores up to 200 images. Therefore:

1 image per call = max. 200 savable door calls

3 images per call = max. 66 savable door calls

Image 201 automatically overwrites image 1, image 202 overwrites image 2 and so on.

Once the image memory reaches 170 images, a message displays prompting you to save the images to external storage and/or delete images.

Once image 200 is reached, an additional message displays noting that any additional images will now overwrite the images already present.



Archiving behaviour

Captured images are saved in the home station's internal image memory.

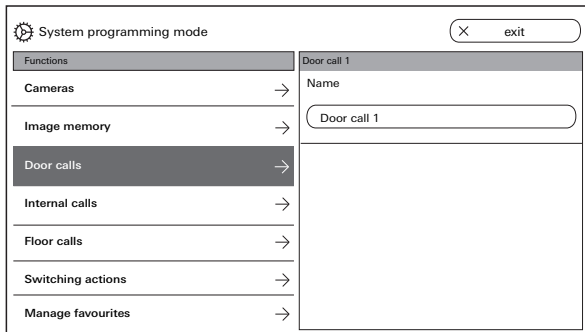
With automatic image capture upon door call enabled, any new images captured for an unanswered door call are archived automatically. Images are not automatically saved in the internal image memory when door calls are answered or the door opener button is pressed.

Delete images

use this to permanently delete all images from the image memory.

This does not apply to any images stored on the microSD card. These images must be deleted separately on a PC.


Functions



Door calls

You can assign and manage a maximum of 24 calls (door calls, internal calls or floor calls) to the surface-mounted video home station 7. Please observe this when assigning the call types.

Rename door calls

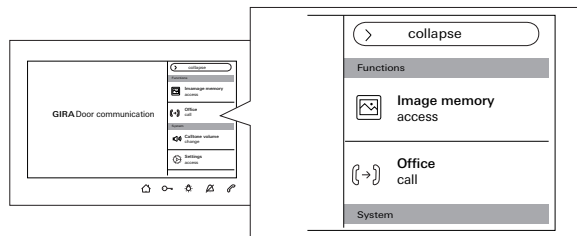
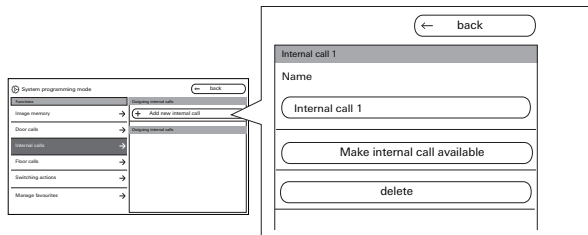
1. Select a door call and tap the name field. The input screen for renaming appears.
2. Change the name in the input screen and tap  to confirm (example: door call 1 -> Front door).

Internal calls



You can assign and manage a maximum of 24 calls (door calls, internal calls or floor calls) to the surface-mounted video home station 7. Please observe this when assigning the call types.

Internal calls are either:

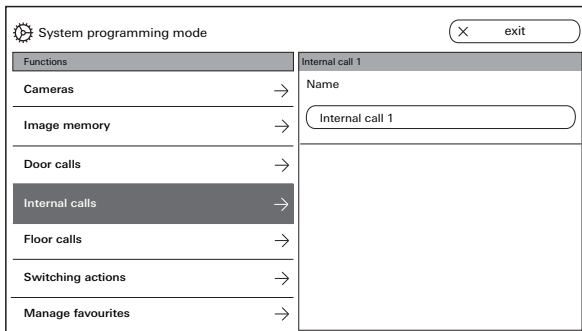
- outgoing internal calls (from the surface-mounted video home station 7 to another home station) or
- incoming internal calls (from the another home station to the surface-mounted video home station 7)




Assign internal call

1. Select "Add new internal call".
2. Tap "Make internal call available": A long confirmation tone sounds.
3. On the target home station, tap and hold  until you hear a short confirmation tone.
4. Let go of ; a long confirmation tone sounds. The two home stations are now linked.

Functions



Rename internal call

1. Select an internal call and tap the name field. The input screen for renaming appears.
2. Change the name in the input screen and tap  to confirm (example: Internal call 1 -> officem).

You can replace the ring tone melody with one of the ten available ring tone melodies, but only for incoming internal calls.

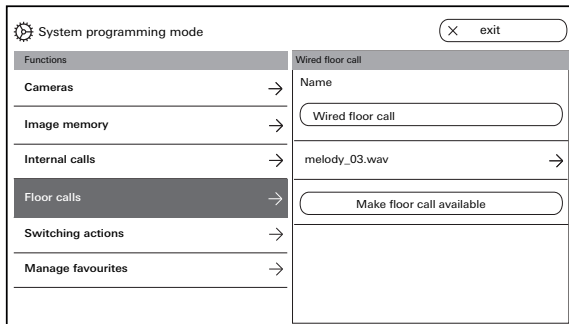
Delete internal call

1. Select an outgoing or incoming internal call.
2. Tap delete: The selected internal call is permanently deleted.



Outgoing internal call

The outgoing internal call still needs to be deleted in the home station to which it has been assigned.




Floor calls

You can assign and manage a maximum of 24 calls (door calls, internal calls or floor calls) to the surface-mounted video home station 7. Please observe this when assigning the call types.

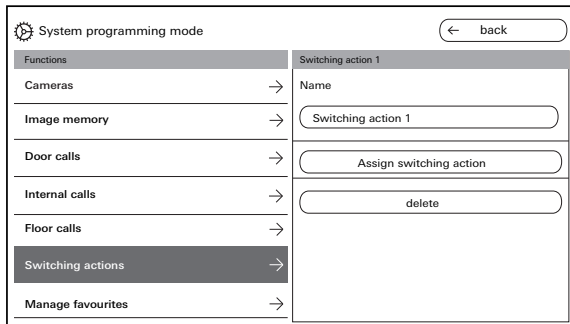
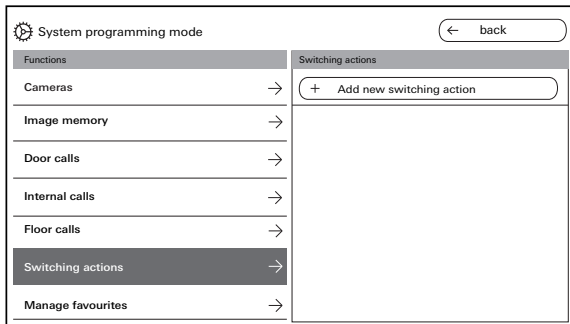
Make floor call available and select ring tone melody

1. Select floor call and tap "Make floor call available". The floor call is assigned.
2. Tap the current ring tone melody and replace it with one of the ten available ring tone melodies.

Rename floor calls

1. Select a floor call and tap the name field. The input screen for renaming appears.
2. Change the name in the input screen and tap  to confirm (example: Wired floor call -> Apartment door).

Functions




Switching actions

You can create and rename up to 10 switching actions for the surface-mounted video home station 7.

Add and assign switching action

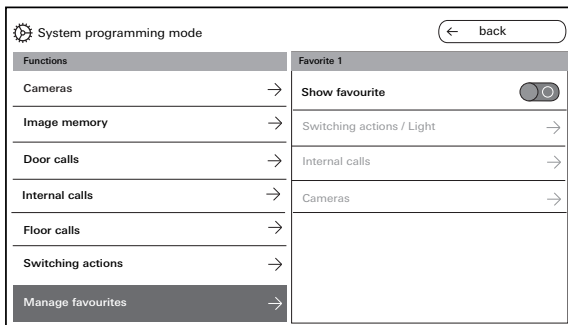
1. Select switching action and tap "Add new switching action."
2. Activate the programming mode on the switching actuator.
3. Tap "Assign switching action" and assign the switching action to a switching actuator.

Rename switching action

1. Select a switching action and tap the name field. The input screen for renaming appears.
2. Change the name in the input screen and tap  to confirm.

Delete switching action

1. Select a switching action.
2. Tap delete: The selected switching action is permanently deleted.



Manage favourites

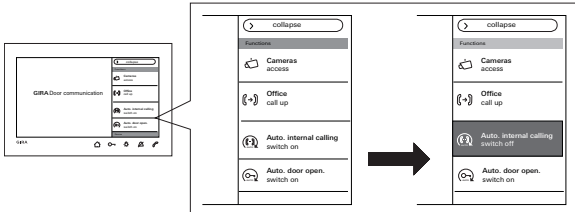
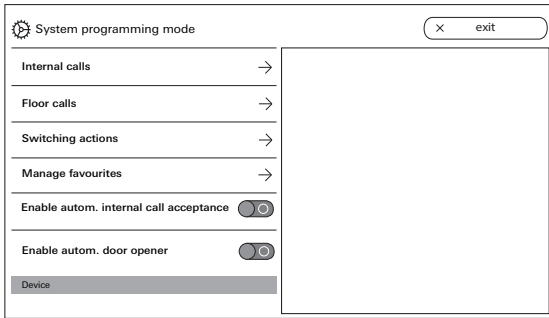
You can set two favourites to be included in the display's menu bar. The following illustrates the available options using favourite 1 as an example. Favourite 2 is handled accordingly.

1. Select favourite 1.
2. Enable show favourite using the switch. The favourite is automatically shown in the display's menu bar.

You can choose the following parameters as a favourite:

- Switching actions/lights
(Switching actions: only assigned switching actuators are switched.
Light: all unassigned switching actuators are switched).
- Internal calls (only if there are any assigned)
- Cameras (only if there are any assigned)

Functions



Enable automatic internal call acceptance

An incoming internal call is automatically accepted after 1 s.



Internal call from another home station

This function will only work properly if a single internal call only addresses a single home station with automatic call acceptance. "Broadcast calls" from one home station to multiple other home stations are not allowed.

Enable/disable automatic call acceptance using the switch. When enabled

The button for switching on/off is automatically included in the menu bar.



No room surveillance


Automatic call acceptance cannot be used for ongoing audio surveillance of a room (baby monitor function).

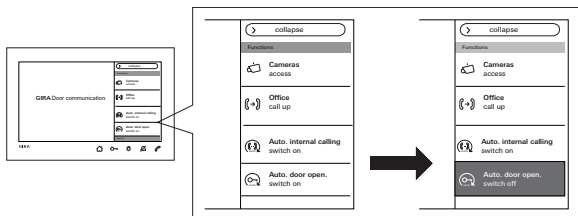
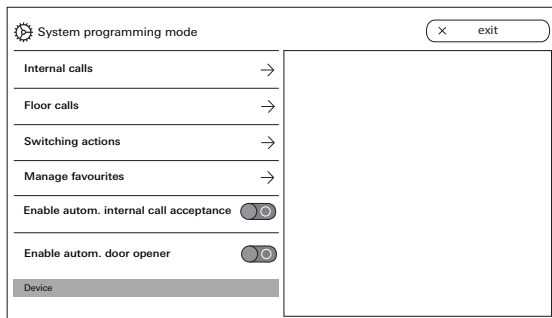
Enable automatic door opener

Automatic door openers are used in doctors' surgeries, for example. When the automatic door opener is enabled, the door buzzer activates automatically as soon as a door station's call button is pressed. If there are several door stations in the system, the automatic function acts on the door buzzer of the door station from which the door call was triggered.

Enable/disable automatic door opener using the switch. When enabled

The button for switching on/off is automatically included in the menu bar.

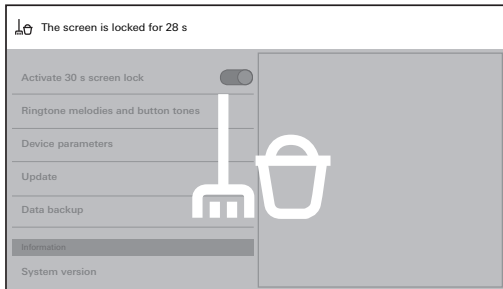
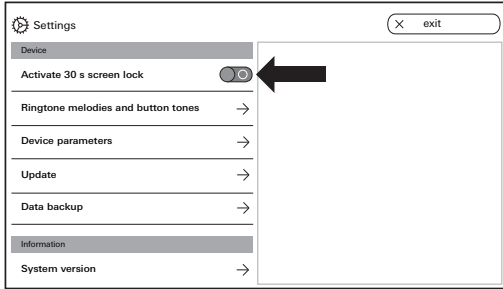
When  is lit up, the automatic door opener is switched on.



Behaviour in the event of power failure

The automatic door opener switches off when there is a power failure.

Device

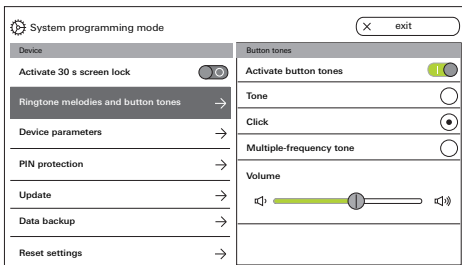
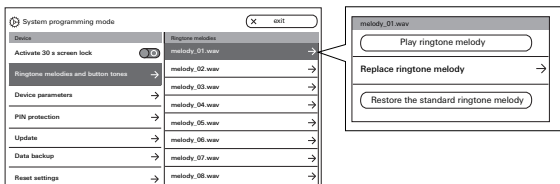
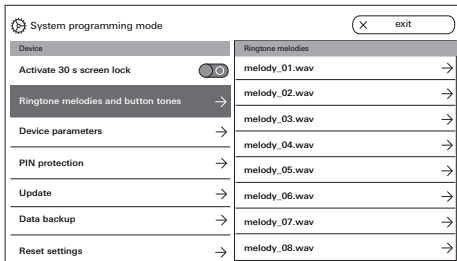


Activate 30s screen lock

You can block touch screen operation (including the touch keys) for 30 seconds in order to clean it. Use the "Activate 30 s screen lock" switch to do so.

A lock screen appears and the countdown triggers automatically.

An incoming call immediately cancels the screen lock.



Ring tone melodies and key tones

Ring tone melodies

Ten preset ring tone melodies are available. You can play them back and select them. You can also replace any of the preset ring tone melodies with your own ring tone melodies. Refer to the notes on microSD cards and ring tone melodies on Page 38.

You can restore the preset ring tone melodies at any time.

Factory default:

- Door call: melody_01.wav
- Internal call: melody_02.wav
- Floor call: melody_03.wav

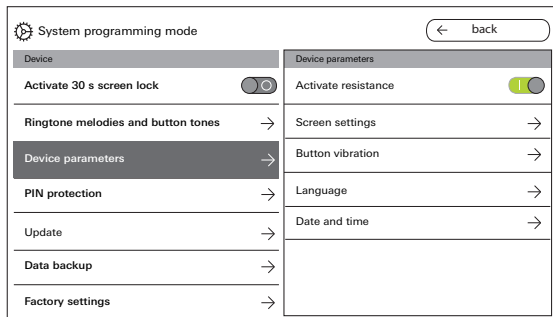
Button tones

You can enable/disable the button tones using the switch. In addition, you can set the type of tone (tone, click, multi-frequency tone) and its volume.

The multi-frequency tone is more readily audible for people with impaired hearing.

Factory default: activated; type of tone: click

Device



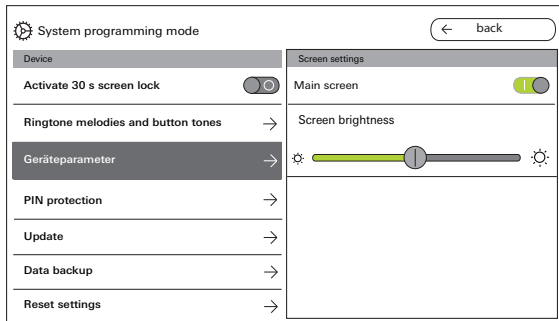
Device parameters

Activate resistance

The switch activates/deactivates the terminating resistance for the surface-mounted video home station 7.

This setting is dependent on the topology. More detailed information on this is available in the system description included with the video control device.

Factory default: activated



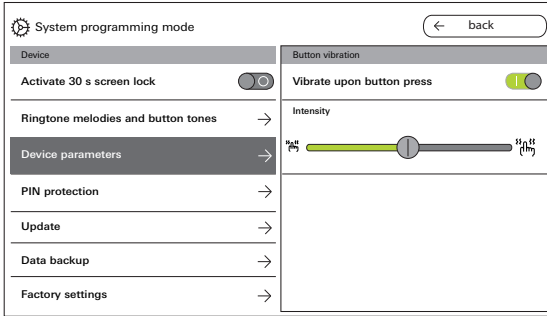
Screen settings

Use this switch to set the screen as the primary display.

Factory default: activated

The slider adjusts brightness.

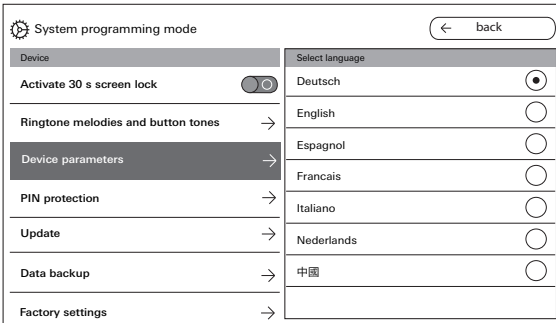
Factory default: max. brightness



Key vibration

This switch enables/disables key vibration. Use the slider to adjust vibration intensity.

Factory default: activated and set to middle

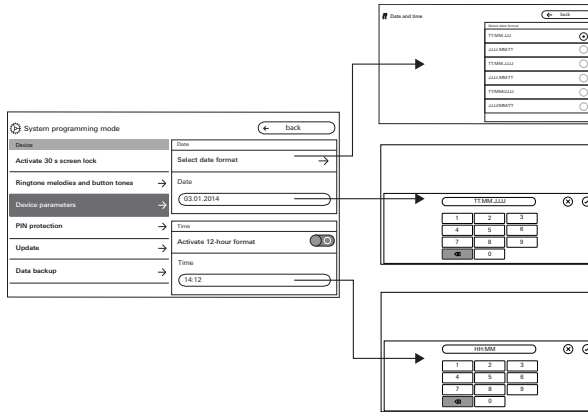


Language

Set the display and menu language here.

Select a language and confirm your choice. The language changes automatically. The following languages are available: German, English, Spanish, French, Italian, Dutch and Chinese.


Factory default: German




Date and time

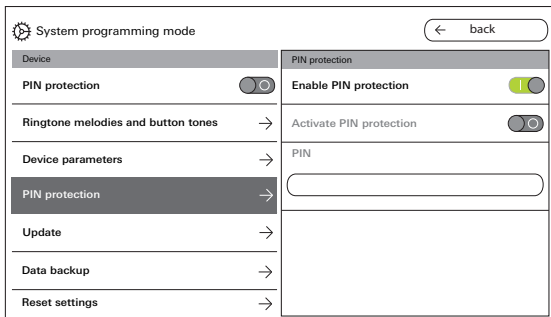
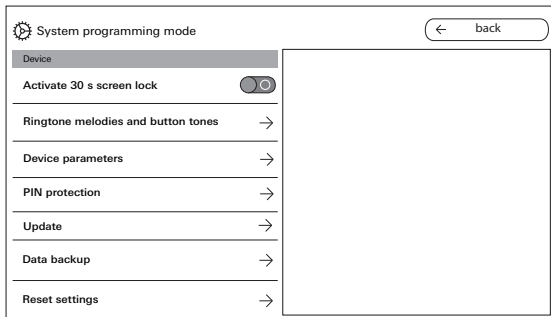
Change the date format, time and clock format here.

Date

1. Select a data format and tap back.
2. Change the date in the input screen and tap  to confirm. Tap the text field to do so.

Time

1. If desired, enable the 12-hour clock using the slider.
2. Change the time in the input screen and tap  to confirm.




PIN protection

Unlock PIN protection

You can protect the settings menu from unauthorised access by setting up a PIN requirement. You can add PIN protection to the settings menu and lock PIN protection to prevent users from changing the PIN themselves.

Factory default: PIN protection unlocked

Enable PIN protection to enter PIN

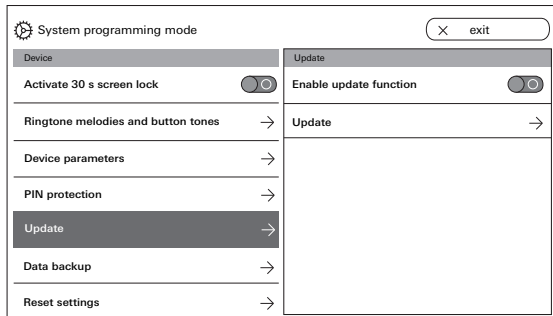
1. Enable PIN protection using the switch.
2. Enter a PIN (max. six digits) in the input screen and tap  to confirm.

Once you exit SysProg. accessing the settings menu will trigger a prompt with a PIN input screen.

1. Enter the PIN.
- ✓ PIN correct: The settings menu opens.

Factory default: deactivated

Device



Update

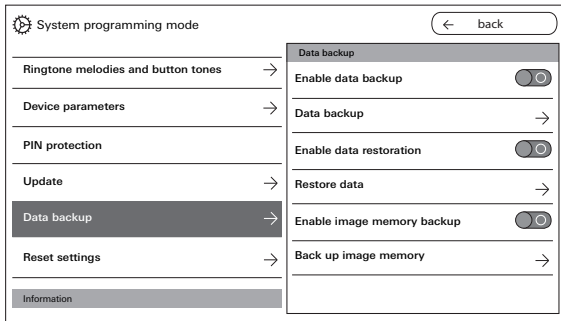
Enable update

By enabling the update, users will be able to run firmware updates themselves.

Run update

Refer to the notes on microSD cards on Page 38. Press "Update" and follow the instructions in the wizard.

Factory default: Update enabled



Data backup

Refer to the notes on microSD cards on Page 38.

Enabling

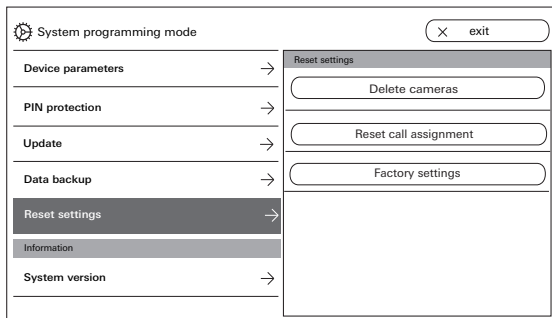
You can separately enable each the following functions for the user:

- Data backup
- Data restore
- Image memory backup

Perform data backup

Select a function and follow the instructions in the wizard.

The "backup" folder is automatically created during data backup and the "pictures" folder is automatically created during image memory backup.



Reset the settings

The following settings are available:

Delete cameras: All camera assignments and their associated settings are deleted. Deleting cameras is necessary if, for example, the video door station needs to be changed. If all cameras have been deleted, you will need to reassign all cameras separately, one by one. **Important:** Proceed with the door stations in the same sequence in which the user will want to switch through the cameras when there is an active door call and in the same order in which the cameras are to be listed in the menu.

Reset call assignments: All assigned call buttons and their associated ring tone melodies are reset.

Factory defaults: The surface-mounted video home station 7 is reset to factory defaults. This also deletes all call button and camera assignments. This corresponds to the condition on delivery.

Information

System programming mode		✕ exit
Update	→	System version Firmware version SoC: 01.00.33 - 00.00 BA: 02.00 - 01.50 KB: 01.20
Data backup	→	
Information		Hardware version 00
System version	→	
License agreement	→	Bus address F401B5
Legal information	→	Index status 100
Contact information	→	

System programming mode		✕ exit
Update	→	Contact information Name Gira Kundenservice
Data backup	→	
Information		Street and number Dahlienstraße 12
System version	→	
License agreement	→	Post code 42477
Legal information	→	Town or city Radevormwald
Contact information	→	

System version

Here you can find details regarding the firmware & hardware versions, bus address and index version.

Licence agreement

Review the EULA here.


The EULA can be saved. Refer to the notes on microSD cards on Page 38. Follow the instructions in the wizard when saving.

The save process automatically creates a “licences” folder when the EULA is saved. In addition, the EULAs are available at www.legal.gira.com/1209-17v1-en.pdf.

Legal information

Review the legal information here.

Contact details

The Gira hotline details are stored as factory settings and can be replaced by your own contact data. You can change the contact details by tapping the respective field. The input screen for renaming appears. Tap  to confirm after making any changes.

microSD card

General notes

You will need a microSD card formatted to the FAT32 file system architecture with a storage capacity of at least 500 MB.

The "melodies" directory for your own ring tone melodies and the "update" directory for updates must be created manually on the microSD card.

The directories "picture", "backup" and "licences" are created automatically when the files are exported.

Image format

Images are stored under the following file name format: YYYYMMDD_hhmmss.jpg

Example: 20181120_162538.jpg This image was saved on 20 November 2018 at 16:25:38.

Ring tone melodies

Ring tone melodies divide into those for home stations with a bus power supply and those with an additional power supply. This ensures that the right ring tone is used for the respective power supply.

Duration of ring tone melody with bus power supply: up to 2s.

Duration of ring tone melody with additional power supply: up to 30s.



Overwrite ring tone melody

You can overwrite each ring tone melody separately. You can change the file name when overwriting a ring tone melody.

Ring tone melody formats

Parameters for WAVE files

Note the following parameters when using new WAVE files:

Sampling rate: 16 kHz

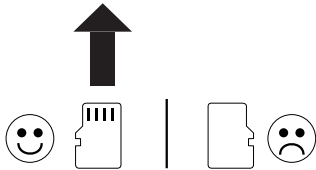
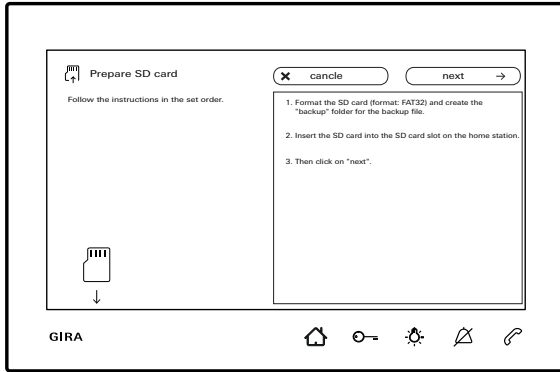
Resolution: 16 bits

Soundtrack: Mono

Parameters for mp3 files

The current mp3 formats are supported.

microSD card



Inserting microSD card

Insert the microSD card as shown in the wizard.
Make sure that you feel the microSD card engaging in the SD card slot.

Removing the microSD card

1. Briefly push the bottom of the microSD card with your finger. The microSD card disengages and ejects slightly from the card slot.
2. Use two fingers to pull the microSD card out and downwards.

Renovations

Before starting renovation work (e.g. painting or wallpapering), remove the surface-mounted video home station 7 from the mounting plate (Siehe "Taking down the home station" auf Seite 9.).

Mask the connection terminal with painter's masking tape, for example, so that this is protected from damage or soiling.

The mounting plate features wallpaper compensation for wallpapers up to 2 mm thick.

Technical data

Power supply:	DC 26 V \pm 2 V (bus voltage)
Additional power supply 1296 00:	SELV DC 24 V, 300 mA
2570 00	SELV DC 24 V, 700 mA
Connections (screw terminal):	2 x 2-wire bus 2 x floor call buttons 2 x Additional power supply
Display	
Diagonal:	17.78 cm (= 7")
Colour system:	PAL
Resolution:	1024 x 600 pixels
Device – general	
Ambient temperature:	-5°C to +50°C
Dimensions (W x H x D):	181 x 123 x 24 mm
Memory card	
Type:	microSDHC / microSDXC
Capacity:	max. 32 GB
File system:	FAT32

Warranty

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

Please submit or send faulty devices postage paid and with an error description to your sales representative

(specialist dealer/installation company/
electronics dealer).

The salesperson will forward the devices to the Gira Service Centre.

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