


System 106 door station module

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GIRA

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General safety instructions

 Electrical devices may only be installed and connected by a qualified electrician.

These instructions are part of the product and must remain with the end customer.

Required accessories

- Audio control device (item no. 1287 00).
- Gira home station.
- System 106 surface-mounted housing, 1-gang to 5-gang (item no. 5501 ..., 5502 ..., 5503 ..., 5504 ..., 5505 ...).

Accessories

- System 106 camera module (item no. 5561 00).
- Video control device (item no. 1288 00) if using a camera module.
- System 106 call-button module, 1-gang to 4-gang (item no. 5531 9..., 5532 9..., 5533 9..., 5534 9...).
- Power supply for door communication DC 24 V 300 mA (item no. 1296 00) for additional power supply (APS)
- Start-up key for call-button module (item no. 5539 00)

Device description

The compact door station module combines the functions of the voice module and a 1-gang call-button module. The module provides the intercom function as well as the power supply of all other modules connected to the door station module. In addition, the door station module switches the backlight of the call button on or off, depending on ambient light conditions.

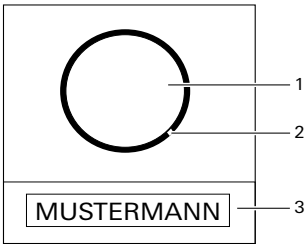
Scope of supply

- 1 x System 106 door station module
- 1 x operating instructions
- 1 x tool for inscription label

Ensure the package contents are complete and undamaged. When filing complaints, see "Warranty".

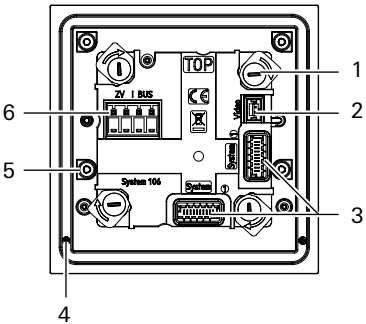
Device description

Front view



- 1 Microphone and loudspeaker aperture
- 2 Status LED
- 3 Call button

Rear view



- 1 Turn-type lock (4 x)
- 2 Slot: Video cable
- 3 Slot (2 x): System cable
- 4 Mounting (2 x): Call button
- 5 Mounting (4 x): Module front
- 6 Plug terminal: Power supply and additional supply

Installing the module

Installing the module

The installation instructions for the System 106 surface-mounted 1-gang to 5-gang housing describes the following working steps:

- Lock the module on the mounting frame.
- Plug in the connection cable.
- Place terminating resistors.

Terminating resistor

From the 2-gang surface-mounted housing and up there are always two terminating resistors included.

The terminating resistors are always connected to the first and last module on the system cable.

Installation position of the plug-in terminal

Ensure that the plug terminal is in the correct installation position (twisted) (see operating instructions for surface-mounted housing 1- to 5-gang).

No jumpers between BUS and AS

No jumpers may be placed between BUS and AS on the module. The module automatically detects whether an additional power supply (AS) is connected.

Starting up the module

The door station module is started via the control device (see installation and operating instructions of the control device). For a successful start-up, all other devices (System 106 modules, home stations, control device video when using a camera module etc.) must have been installed beforehand.

Configuring the module

Assigning the call button



Teaching sequence

Always teach the switching actions first, then the call buttons.

Optical and acoustic status feedback via the loudspeaker aperture

While the programming mode is active, the LED in the loudspeaker aperture provides the following visual and acoustic feedback:

- Programming mode started: LED flashes orange.
- Programming via the call button: Every 3 s, a short acoustic acknowledgement sounds and the LED flashes green.
- Programming finished: A long acoustic acknowledgement sound can be heard, and the LED lights up green.
- Programming mode cancelled: LED goes out.

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Press the call button. After approximately 3 s, a brief acknowledgement tone can be heard: Release the call button. Then a long acknowledgement tone sounds: The assignment can then be made.
- Home station:**  Press button for about 3 s. Release the button after the first brief acknowledgement tone . A long acknowledgement tone then sounds. The call button has been assigned to the home station successfully.
- Control device:** Exit the programming mode; press the "Systemprog." button until the LED goes out.

Setting the speaker volume

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Briefly press the previously assigned call button.
- Home station:** Accept call and start voice communication.
- Door station module:** Briefly press call button again.
Volume control: Press the button during voice communication to adjust volume (total of five volume levels;level 4 is pre-set). Each press of the call button increases the volume by one level. (After the highest volume level, the system is set to the lowest level.)
- Home station:** End voice communication. The most recent volume level is stored in the door station.
- Control device:** Exit the programming mode; press the "Systemprog." button until the LED goes out.

Deactivating/activating the acoustic call button actuation

The acoustic call button actuation is deactivated by default and is activated automatically when a call button is assigned.

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Press and hold the call button for 6 s. Release the call button after the second brief acknowledgement tone (= 6 s). A long acknowledgement tone then sounds to indicate that the acoustic call button actuation has been deactivated.
- Control device:** Exit the programming mode; press the "Systemprog." button until the LED goes out.

Reactivation: Repeat steps 1 to 3.

Switching the backlight of the button on or off

Automatic backlight

When the backlight is active, then the backlight can be switched on and off automatically depending on the ambient light. The backlight is always activated by default.

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Press and hold the call button for 12 s. Release the call button after the fourth brief acknowledgement tone (= 12 s). A long acknowledgement tone then sounds. The backlight is switched off completely.
- Control device:** Exit the programming mode; press the "Systemprog." button until the LED goes out.

Switching the backlight back on: Repeat steps 1 to 3.

Status LED

LED	Meaning
Flashes orange	Programming mode active
Lights up red continuously	Failure of additional supply, system bus short circuit or low voltage or voltage of additional supply > 30 V
Flashes green for short period of time	Acknowledgement when button is pressed

Operating the module

Door call

Press the call button to trigger a door call at the assigned home station.

Light switching (requires switching actuator)

Press call button to turn on the light or any other consumer connected to the switching actuator.

Delete functions

Deleting acoustic call button actuation

The acoustic call button actuation can be reset completely. The function of the call button is also changed to switching action.

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Press and hold the call button for 15 s. Release the call button after the fifth brief acknowledgement tone (= 15 s). A long acknowledgement tone then sounds to indicate that the acoustic call button actuation of the call button is deleted.
- Control device:** Exit the programming mode; press the "Systemprog." button briefly until the LED goes out.

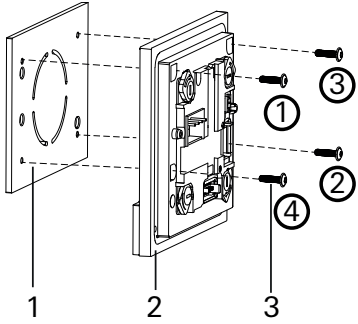
Incorrect or no longer needed call button assignments can be deleted using the home stations. To reactivate the acoustic call button actuation, the call button of the module must be reassigned.

Deleting all assignments

- Control device:** Start programming mode; press the "Systemprog." button for about 3 s until the LED flashes (orange).
- Door station module:** Press and hold the call button for 18 s. After five short and one long acknowledgement tone (= 18 s), the assignments of all call buttons are deleted.
- Control device:** Exit the programming mode; press the "Systemprog." button briefly until the LED goes out.

Changing the module front

- Open the housing and remove the mounting frame.
- Unlock the door station module and remove it from the mounting frame.
- Remove mounting screws and then remove the module front including seals.



- 1 Module front
- 2 System 106 door station module
- 3 Mounting screws (4 x)

4. Press the module housing against the module front.
5. Tighten the four screws with a torque of 0.75 Nm.When screwing in, follow sequence 1–4; see figure.

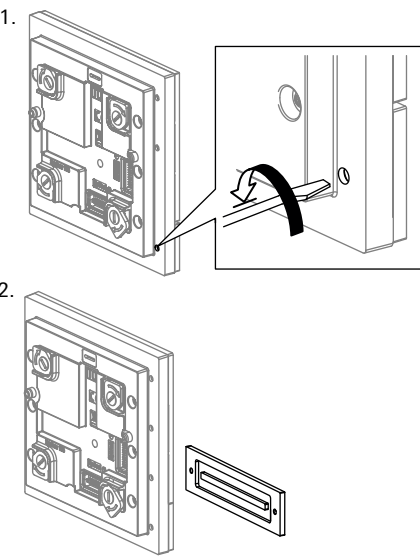
Changing the start-up button

Applies only to door station module with start-up button:
The start-up button must be replaced with the individually inscribable call button.

Call buttons for individual labelling

Call buttons for individual labelling can be ordered through the Gira labelling service (www.beschriftung.gira.de).

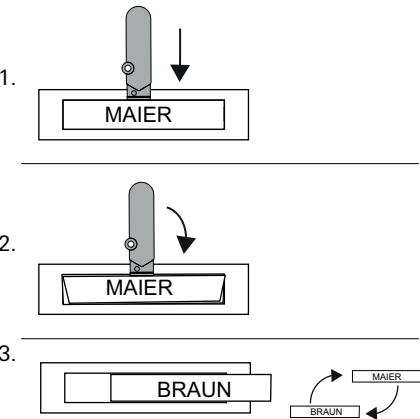
- Open the housing and fold out the mounting frame.
- Unlock the module and remove it from the mounting frame.
- Loosen the screws with a screwdriver (blade width 0.4 x 2.5 mm) and pull the start-up button forwards to remove it.



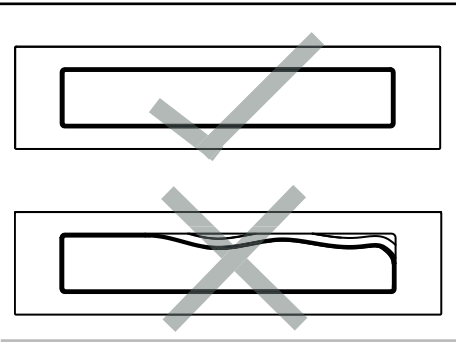
4. Place new call button from the front and tighten (torque 0.3 Nm).
5. Re-mount the module in the reverse order.

Replacing the inscription space

The inscription space under the transparent pane can be exchanged with the tool provided, without needing to remove the call button.
WARNING: Glass inspection window!



Check that the seal is positioned correctly before inserting the inscription label and the inspection window. If required, press the seal into the correct position.



 **Inscription labels**

Labels designed to fit are available from the Gira labelling service (www.beschriftung.gira.de).

Technical data

Power supply:	via control device or via additional power supply (DC 24 V 300 mA)
Voice connection power consumption:	approx. 1.0 W
Stand-by mode:	200 mW
Connections:	1 x 2-wire bus 1 x additional supply 2 x system 1 x video
Ambient temperature:	-25 °C to +70 °C
Protection class	IP54
Dimensions (W x H):	106.5 x 106.5 mm

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 (retailer/ installation company). They will forward the devices to the Gira Service Centre.

Gira

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