

System 106
call-button module

GIRA

10864527 40/16

- 5531 9.. (1-gang)
- 5532 9.. (2-gang)
- 5533 9.. (3-gang)
- 5534 9.. (4-gang)
- 5539 000 (4-gang with start-up buttons)

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.

Necessary accessories

- System 106 intercom module (item no. 5555 ..) or door station module (item no..5565 ..).
- Audio control device (item no. 1287 00).
- Gira home station.
- System 106 surface-mounted housing, 1-gang to 5-gang.

Accessories

- System 106 camera module (item no. 5561 00).
- Video control device (item no. 1288 00) if using a camera module
- Call-button cover plate for call-button module (item no. 5541 9xx).
- Start-up key for call-button module (item no. 5539 00)

Functional description

The call-button module covers the functions “door call” and “switch” in the Gira door communication System 106.

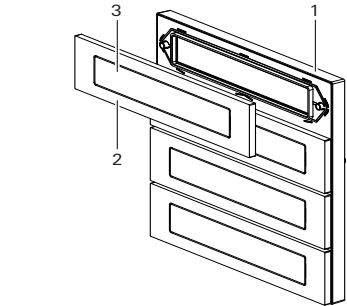
Scope of supply

- 1 x System 106 call-button module
- 1 x operating instructions
- 1 x tool for inscription label

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

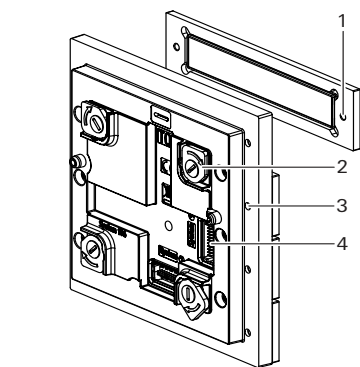
Device description

Front view



- 1 Module
- 2 Call button
- 3 Inscription label

Rear view



- 1 Threaded hole for mounting screw
- 2 Turn-type lock (4 x)
- 3 Fastening screw for call button (non-removable)
- 4 Slot (2x): System cable

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 up, there are always two terminating resistors included.

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

Starting up the device

The call-button module can only be started up with an intercom or door station module with a control device (see “Assigning call buttons”). All devices (System 106 module, home stations, control devices etc.) must be installed previous to successful start-up.

Configuring the module

Assigning call buttons

 Teaching sequence

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

 Optical and acoustic status feedback via the intercom module

While the programming mode is active, the intercom module gives 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).
- Call-button module:** Press the buttons in the sequence in which the home stations are to be assigned 3 seconds each.
- First call button:** A brief acknowledgement tone can be heard after 3 s: Release the call button. Then a long acknowledgement tone sounds. Repeat step 3 for all other call buttons than need to be assigned.
- First home station:**  Press button for about 3 s. Release the button after the first brief acknowledgement tone . Then a long acknowledgement tone sounds. The call button has been assigned to the home station successfully.
- Repeat step 4 for all other home stations.
- Control device:** Exit the programming mode; press the “Systemprog.” button briefly 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 already 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 preset). Each press of the call button increases the volume by one level. (After the highest volume level, the system cycles 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 briefly until the LED goes out.

Deactivating/activating the acoustic call button actuation

Acoustic call button actuation is deactivated by default and is activated automatically for each assigned call button.

- Control device:** Start programming mode; press the “Systemprog.” button for about 3 s until the LED flashes (orange).
- Call-button module:** Press and hold any call button for 6 s. Release the call button after the second brief acknowledgement tone (= 6 s). Then a long acknowledgement tone sounds to indicated that the acoustic call button actuation is deactivated for all call buttons.
- Control device:** Exit the programming mode; press the “Systemprog.” button briefly until the LED goes out.

Reactivation: Repeat steps 1 to 3.

Backlight

 Automatic backlight

When the backlight is active, then the backlight can be switched on and off automatically depending on the ambient light via the voice or door station module. The backlight is activated by default.

The backlight can be turned on and off for each call button individually or for all call buttons collectively.

Switching off the backlight for single buttons

- Control device:** Start programming mode; press the “Systemprog.” button for about 3 s until the LED flashes (orange).
- Call-button module:** Press and hold any call button for 9 s. Release the call button after the third brief acknowledgement tone (= 9 s). Then a long acknowledgement tone sounds and all backlit call buttons are visible. Press any call button again: The backlight is switched off for all call buttons of the module.
- Single call button:** Briefly press (no acknowledgement tone!) to turn the backlight back on. Repeat this step for all call buttons that you would like to be backlit.
- Control device:** Exit the programming mode; press the “Systemprog.” button briefly until the LED goes out.

Switching off the backlight for all buttons

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

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

Operating the module

Door call

- Press the call button to trigger a door call at the assigned home station. The button actuation can be confirmed acoustically (acknowledgement tone) or visually (backlight).

Light switching (requires switching actuator)

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

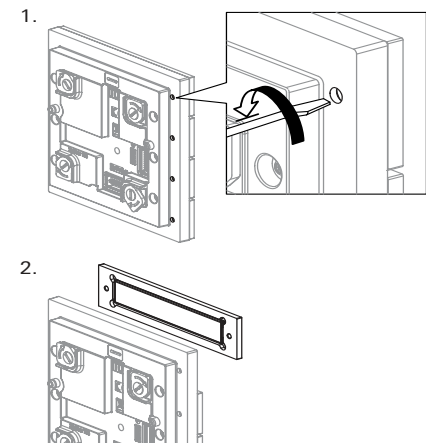
Changing the start-up button

Only applies to call button module with start-up buttons: The start-up buttons must be swapped for call buttons that can be labelled individually, or for suitable call button covers.

 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 remove the mounting frame.
- Unlock the module and remove it from the mounting frame.
- Loosen the screws with a screwdriver (blade width 2.5 x0.4 mm) and pull off to the front.



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

Delete functions

Delete acoustic call button actuation

The acoustic call button actuation can be reset completely for each call-button module. This makes sense e.g. if a call button has been incorrectly assigned. The function of the call buttons is also changed to switching action.

- Control device:** Start programming mode; press the “Systemprog.” button for about 3 s until the LED flashes (orange).

- Call-button module:** Press and hold a call button for 15 s. Release the call button after the fifth brief acknowledgement tone (= 15 s). Then a long acknowledgement tone sounds to indicated that the acoustic call button actuation is deleted for all call buttons.
- 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.

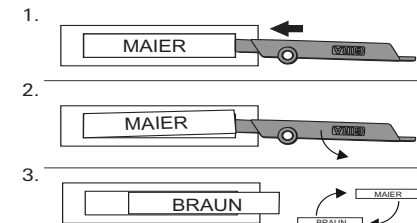
To reactivate the acoustic call button actuation, the call buttons of the module need to be reassigned.

Deleting all assignments

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

Replacing the inscription space

Call buttons with inscription space: The label under the transparent pane can be exchanged with the included tool without a need to remove the call button.



 Labels

Suitably designed labels are available from the Gira labelling service (www.beschriftung.gira.de).

Technical data

Power supply:	Via system (flat ribbon cable, 10-pin)
Power consumption	
Backlight on:	160 mW
Stand-by mode:	14 mW
Connections:	2x System
Ambient temperature:	-25 °C to +70 °C
Protection	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). The salesperson will forward the devices to the Gira Service Center.

Gira

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