

ABB Welcome™ M25102xA-x Audio module

- M251023A-A
- M251023A-W
- M251022A-A
- M251022A-W
- M251021A-A
- M251021A-W
- M251024A-A
- M251024A-W

Audio module

This compulsory part of all outdoor stations facilitates communication between the system controller and the outdoor station. It can be connected directly to door locks. It is available with up to 2 integrated row pushbuttons.

Key features

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- Integrated light sensor for day/night mode.
- Mode setting for pushbutton as single or double column.
- 3 options: audio without pushbutton, audio with 1 row of pushbuttons, and audio with 2 rows of pushbuttons.
- Also comes with optional voice synthesizer.



Fig. 1 – Terminal description

Number	Function
1	LED call status
2	LED illuminates, indicating possible communication
3	LED door status
4	Call pushbuttons

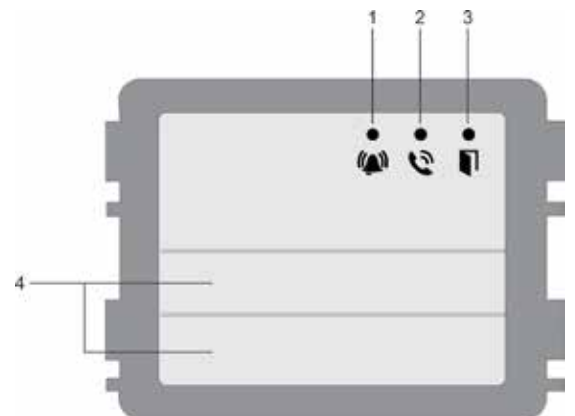
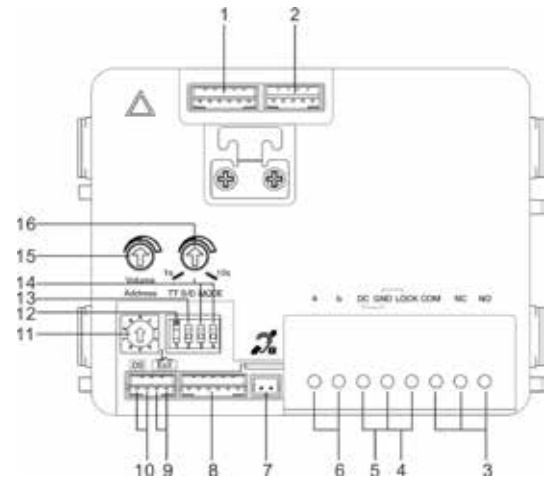


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Fig. 2 – Terminal description

Number	Function
1	Connector for camera module
2	Connector for device software update
3	Plug-in clamps (COM-NC-NO) (30 V AC/DC 1A)
4	Plug-in clamps (Lock-GND) (18 V 4 A impulsive, 250 mA holding)
5	Plug-in clamps (DC-GND) for additional power supply
6	Plug-in clamps (a-b) for bus connection
7	Connector for induction loop module
8	Connector for next module
9	Connector for exit pushbutton
10	Connector for sensor for checking the door status
11	Rotary switch for setting the address of OS (1-9)
12	Set feedback tones for pushbuttons: ON/OFF
13	Configure pushbuttons in a single column or double column (ON = double column; OFF = single column)
14	Configure functions of the 1st/2nd pushbutton
15	Adjust the loudspeaker volume
16	Adjust the door lock release time



1SXU460009L0201, September 2015

Specifications

- Operating temperature: -40 °F to + 158 °F
- Wire clamps: 2 x 0.28 mm² – 2 x 1 mm²
- Ingress protection: IP54
- Bus voltage: 20-30 VDC (From system controller or system component configured as local power supply through audio module)
- Door opener (LOCK-GND): 18V, 4 A (impulsive), 250 mA (holding)
- Door opener (COM-NC-NO): 30V, 1 A
- Product dimensions: 2.83" x 3.82" x 1.50"

Contact us

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