

**1622****IKALL SIMPLEBUS AUDIO SPEAKER**

Audio speaker unit for Simplebus system, complete with terminal block and digital audio management system with Eco-cancelling, watertight loudspeaker and electrets microphone, loudspeaker volume can be adjusted from the front. Complete with microprocessor and DIP SWITCH with 8 positions for programming user calls. 33Vdc power supply via special power supply unit Art. 1595. On-board electronic lock-release function (3A), plus a 10A relay. For use in modules Art. 33400, 33401 and 33402. Dimensions: 102x55x38 mm. Compatible with all Simplebus 2 functions and products. It allows call addressing for up to 120000 users. Timed lock-release inputs and door open indication.



**1622**

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### GENERAL DATA

|                             |                      |
|-----------------------------|----------------------|
| Type                        | Audio and video unit |
| Height (mm)                 | 102                  |
| Width (mm)                  | 55                   |
| Depth (mm)                  | 43                   |
| Product color               | White                |
| Product weight (g)          | 200                  |
| Type of finishing materials | ABS                  |

### COMPATIBLE SYSTEMS

|  |     |
|--|-----|
| Audio/video Simplebus 2 with power supply art. 4888C | Yes |
| Audio Simplebus 1                                    | Yes |

### AUDIO FEATURES

|                          |                |
|--------------------------|----------------|
| Technologies implemented | Echo canceling |
|--------------------------|----------------|

### ELECTRICAL CHARACTERISTICS

|                      |                       |
|----------------------|-----------------------|
| Type of power supply | External power supply |
| Supply voltage       | 33VDC                 |

### HARDWARE FEATURES

|                        |  |
|------------------------|--|
| Clamps                 | L L V+V- RTE DO PR GND SE COM NC NO  |
| Removable terminals    | Yes  |
| Number of inputs (n°)  | 2  |
| Number of outputs (n°) | 2  |
| Type of outputs        | Relay (C-NO-NC, 10A@12÷24 VAC/VDC), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm) |

### SETTINGS

|                    |     |
|--------------------|-----|
| Loudspeaker volume | Yes |
|--------------------|-----|



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### PROGRAMMING MODE

|                                     |     |
|-------------------------------------|-----|
| Manual programming (via Dip Switch) | Yes |
|-------------------------------------|-----|

### ENVIRONMENTAL AND COMPLIANCE FEATURES

|                            |          |
|----------------------------|----------|
| Operating temperature (°C) | -25 ÷ 55 |
|----------------------------|----------|

|                                 |         |
|---------------------------------|---------|
| Operating humidity (RH max) (%) | 25 ÷ 95 |
|---------------------------------|---------|

|                     |    |
|---------------------|----|
| Environmental class | IV |
|---------------------|----|

|                   |  |
|-------------------|--|
| CE certifications | RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011) |
|-------------------|--|

### MAIN FUNCTIONS

|             |     |
|-------------|-----|
| Door opener | Yes |
|-------------|-----|

|                                 |   |
|---------------------------------|---|
| Number of auxiliary relays (n°) | 1 |
|---------------------------------|---|

|                                     |     |
|-------------------------------------|-----|
| Input for local door release button | Yes |
|-------------------------------------|-----|

|                           |     |
|---------------------------|-----|
| Door open signaling input | Yes |
|---------------------------|-----|

|                                     |     |
|-------------------------------------|-----|
| Visual indications of system status | Yes |
|-------------------------------------|-----|

|                                   |     |
|-----------------------------------|-----|
| Acoustic signals of system status | Yes |
|-----------------------------------|-----|

|                                   |     |
|-----------------------------------|-----|
| Speech synthesis of system status | Yes |
|-----------------------------------|-----|