

**1622L****SIMPLEBUS AUDIO UNIT WITH LED, IKALL SERIES**

Audio speaker unit for Simplebus system complete with terminal block and digital audio control system with echo-cancelling, sealed-unit loudspeaker, electret microphone and front-mounted loudspeaker volume control. Complete with microprocessor and 8-position dip switch for programming user calls. Programmable audiovisual functions for users with disabilities. 33 Vdc power supply via special power supply unit Art. 1595. On-board electronic lock-release function (3A) plus a 10A relay. Timed lock-release inputs and door open indication. Dimensions: 102x55x38 mm.



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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 Simplebus 1	Yes
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AUDIO FEATURES

Microphone	9.7 (∅), omnidirectional
Loudspeaker	50mm (∅), 8 Ohm, 0.2W
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
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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