

**1621****Simplebus 2W audio unit with LED, Ikall series**

Speaker unit for 2-wire systems complete with terminal block and audio control with echo-cancelling, sealed-unit loudspeaker, electret microphone and front-mounted loudspeaker volume control. Complete with microprocessor and 8-position dip switch for programming calls to users. On-board electronic lock-release function (3A) plus C, NC, NO contacts for 10A relay. Timed lock-release input and door open indication. Compatible with power supply unit art. 1210. Dimensions: 102x55x38 mm.



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GENERAL DATA

Type	Audio and video unit
Height (inch) (in)	4.02
Width (inch) (in)	2.17
Depth (inch) (in)	1.69
Product color	White
Product weight (oz) (oz)	7.05
Type of finishing materials	ABS

COMPATIBLE SYSTEMS

Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Audio Simplebus 2 with power supply art. 1210/1210A	Yes

AUDIO FEATURES

Microphone	9.7 (Ø), omnidirectional
Loudspeaker	50mm (Ø), 8 Ohm, 0.2W
Technologies implemented	Echo canceling

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus, External power supply
Supply voltage	33VDC
Absorption in stand-by (W)	2.2
Maximum absorption (W)	3

HARDWARE FEATURES

Clamps	L L V+V- RTE DO GND SE- SE+COM NC NO
Removable terminals	Yes
Number of inputs (n°)	2



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HARDWARE FEATURES

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 (°F)	-13 ÷ 131
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV
CE certifications	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