



LA1-UW36-x-US Column Loudspeaker



- ▶ **Excellent speech intelligibility and music reproduction**
- ▶ **For applications where directivity is important**
- ▶ **High sensitivity**
- ▶ **Swivel wall mounting bracket supplied as standard**
- ▶ **Available in black or white**
- ▶ **MDF construction**
- ▶ **Complies with international installation and safety regulations**

The LA1-UW36-x-US is a 36 W, general-purpose, cost-effective column loudspeaker for indoor use where beaming is desirable, such as places of worship, congress venues, meeting rooms and canteens. A swivel wall mounting bracket is supplied as standard. The column loudspeaker is available in black or white.

extreme conditions, leading to higher customer satisfaction, longer operating life, and lessens the chance of failure or performance deterioration.

Safety according to EN 60065

Functions

The robust, solid MDF (Medium Density Fiber board) enclosure is covered with a durable, easy-to-clean vinyl in a choice of black or white. The ABS front is covered with fine woven cloth in matching color.

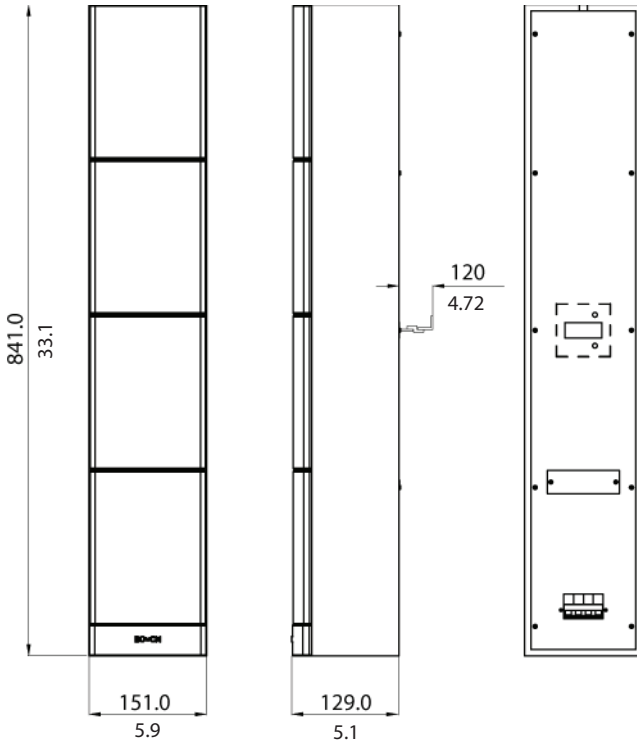
These powerful column loudspeakers are fitted with four dual cone, high sensitivity loudspeaker drivers.

Installation/Configuration Notes

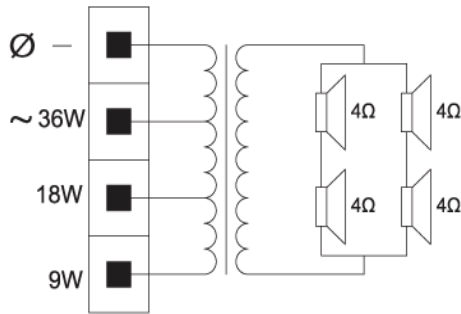
The column loudspeakers can be wall mounted using the supplied swivel bracket, allowing accurate positioning. A convenient, easy-to-use, four-pole push-in terminal block is mounted on the rear panel for on-site wiring. This terminal block provides for power tapping on the 70-Volt, matching transformer in the cabinet. It allows selection of nominal full-power, half-power or quarter-power radiation (in 3 dB steps).

Certifications and Approvals

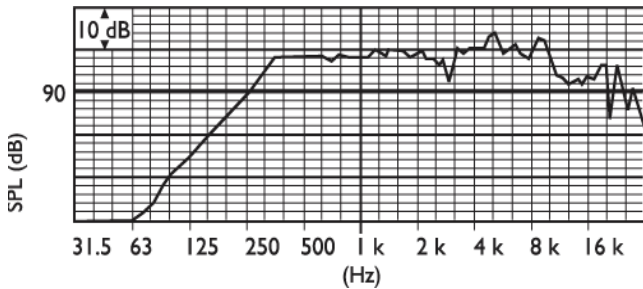
All Bosch loudspeakers are designed to withstand operating at their rated power for 100 continuous hours in accordance with IEC 268-5 Power Handling Capacity (PHC) standards. Bosch has also developed the Simulated Acoustical Feedback Exposure (SAFE) test to demonstrate that they can withstand two times their rated power for short durations. This ensures improved reliability under



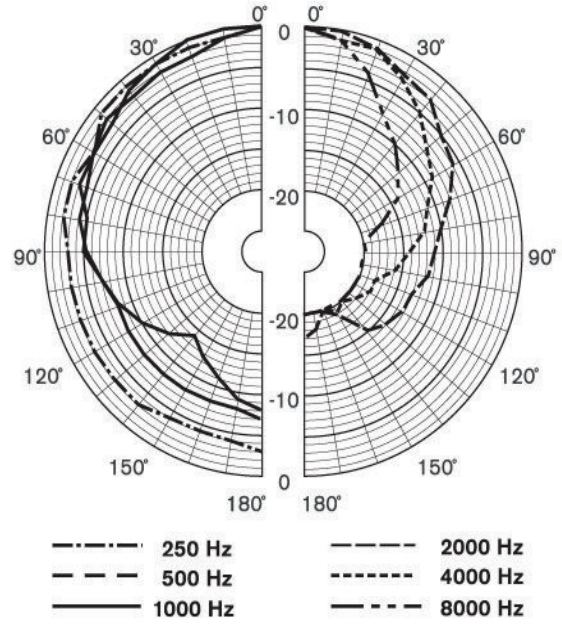
Dimensions in mm / in



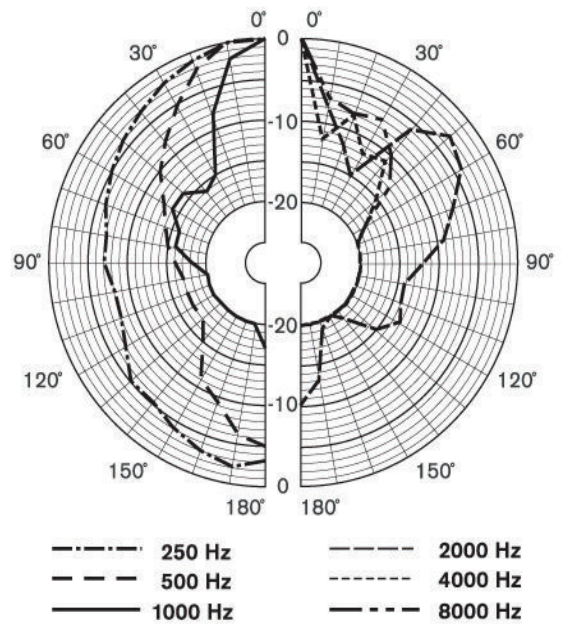
Circuit diagram



Frequency response



Polar diagram horizontal (measured with pink noise)



Polar diagram vertical (measured with pink noise)

Parts Included

Quantity	Component
1	LA1-UW36-x-US Column Loudspeaker
1	Swivel wall mounting bracket

Technical Specifications

Electrical*

Maximum power	54 W
Rated power	36 / 18 / 9 W
Sound pressure level at 36 W / 1 W (1 kHz, 1 m)	114 dB / 98 dB (SPL)
Effective frequency range (-10 dB)	160 Hz to 19 kHz
Coverage angle	1 kHz / 4 kHz (-6 dB)
horizontal	190° / 88°
vertical	30° / 8°
Rated input voltage	70 V
Rated impedance	139 ohm
Connector	4-pole push-in terminal block

* Technical performance data according to IEC 60268-5

Mechanical

Dimensions (H x W x D)	841 x 151 x 129 mm (33.1 x 5.9 x 5.1 in)
Weight	6 kg (13.2 lb)
Color	Black (D) or white (L)
cabinet / cloth (D)	Matches RAL 9004 / RAL 9004
cabinet / cloth (L)	Matches RAL 9010 / RAL 7044

Environmental

Operating temperature	-25 °C to +55°C (-13 °F to +131 °F)
Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%

Ordering Information

LA1-UW36-D-US Column Loudspeaker 36 W, black	LA1-UW36-D-US
LA1-UW36-L-US Column Loudspeaker 36 W, white	LA1-UW36-L-US

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