LB2-UCxx-x Premium-sound Cabinet Loudspeaker Range

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Advantage Line

The LB2-UCxx-x Premium-sound cabinet loudspeakers are intended for clear reproduction of speech, foreground and background music to be used in general indoor and outdoor applications. The Premium-sound cabinet loudspeaker range consists of a 15 W and 30 W model, available in a light or dark color. The loudspeakers have selectable 8 ohm, 70 V and 100 V inputs.
Typical applications are: theme bars, music restaurants, theme parks, retail outlets, audio visual, boardrooms and offices, exhibition areas, showrooms, fitness centre's and presentation environments.

Features

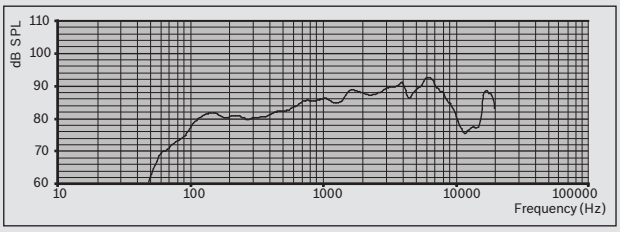
- High-fidelity music and speech reproduction
- Selectable 8 ohm, 70 V and 100 V inputs
- Compact yet robust ABS enclosure
- Supplied with adjustable mounting bracket
- Complies with international installation and safety regulations

Technical Specifications

Electrical*		
Product	LB2-UC15-(D/L)	LB2-UC30-(D/L)
Description	Premium-sound Cabinet Loudspeaker	Premium-sound Cabinet Loudspeaker
Maximum power	22.5 W	45 W
Rated power (PHC)	15 W	30 W
Power tapping	15 / 7.5 / 3.75 / 1.9 W	30 / 15 / 7.5 / 3.75 W
Sound pressure level at rated power / 1 W (1 kHz, 1 m)	98/86 dB (SPL)	105/90 dB (SPL)
Effective frequency range (-10 dB)	95 Hz to 19.5 kHz	100 Hz to 18.5 kHz
Opening angle at 1 kHz / 4 kHz (-6 dB)	179° / 101° (hor.) 168° / 35° (ver.)	160° / 81° (hor.) 150° / 90° (ver.)
Rated input voltage	11/70/100 V	15.5/70/100 V
Rated impedance	8 / 326 / 667 ohm	8 / 163 / 333 ohm
Transducers	101.6 mm (4”) woofer, 13 mm (0.51 “) dome tweeter	127 mm (5”) woofer, 13 mm (0.51 “) dome tweeter
Connection	2 m (78.8 in.) two-wire cable	2 m (78.8 in.) two-wire cable
** Technical performance data acc. to IEC 60268-5*		
Mechanical		
Dimensions (H x W x D)	205 x 136 x 117 mm (8.07 x 5.35 x 4.60 in)	250 x 160 x 140 mm (9.84 x 6.30 x 5.51 in)
Weight	Approx. 1.9 kg (4.18 lb)	Approx. 2.4 kg (5.29 lb)
Color	White (RAL 9010) (L) or Charcoal (RAL 7021) (D)	White (RAL 9010) (L) or Charcoal (RAL 7021) (D)
Environmental		
Operating temperature	-25 ºC to +55 ºC (-13 ºF to +131 ºF)	
Storage temperature	-40 ºC to +70 ºC (-40 ºF to +158 ºF)	
Relative humidity	<95%	
Certifications and Approvals		
Safety	acc. to EN 60065	
Water protection	acc. to EN 60529 IP x4	
Self extinguishing	acc. to UL94 V 0	

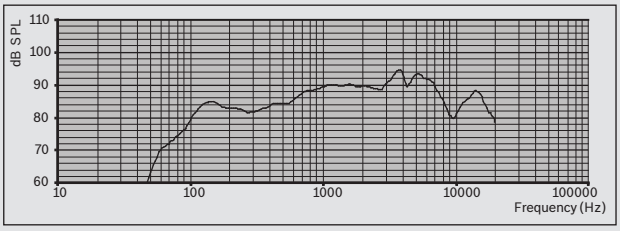
The cabinets include a built-in transformer that offers a selection of nominal full power, half power, quarter power or eight power radiation (i.e. in 3 dB steps) for 70 V, 100 V or 8 Ohm bypass.
Selection is done by a convenient switch on the rear enclosure.
A two meter long twin-core loudspeaker cable (in matching color with the cabinet) is connected to the loudspeaker. The core ends are stripped ready for use.
The cabinets can be mounted horizontally to allow the loudspeaker to be directed up or down, or vertically to allow left and right rotation by means of a steel U-shaped wall bracket (standard supplied).
The rotatable logo can be easily adjusted to match the mounting orientation.

LB2-UC15-D/L



Frequency response

LB2-UC30-D/L



Frequency response

Parts Included	
Quantity	**Components**
1	LB2-UCxx-x
1	Mounting bracket
1	Installation instruction

Ordering Information	
LB2-UC15-D Premium-sound Cabinet Loudspeaker	LB2-UC15-D
LB2-UC15-L Premium-sound Cabinet Loudspeaker	LB2-UC15-L
LB2-UC30-D Premium-sound Cabinet Loudspeaker	LB2-UC30-D
LB2-UC30-L Premium-sound Cabinet Loudspeaker	LB2-UC30-L

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