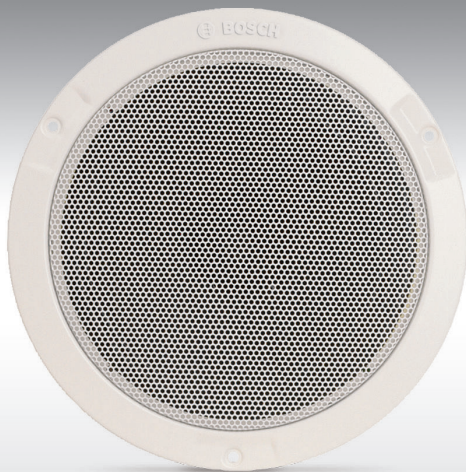# LHM 0606/xx Ceiling Loudspeaker

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Advantage Line

The LHM 0606/xx is a general purpose, 6 W, cost-effective ceiling loudspeaker. The /00 version is screw mounted and the /10 version is clamp mounted into the ceiling. An optional fire dome LBC 3080/01 is available.
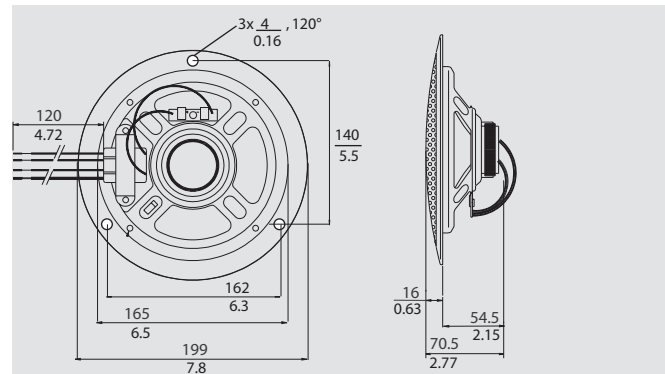
Features

▶ Suitable for speech and music reproduction

▶ Flush-mounting in ceiling cavity

▶ Easy to install

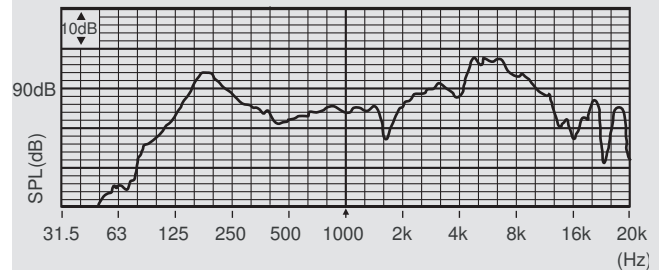▶ Simple power setting

▶ Unobtrusive in virtually all interiors

Technical specifications
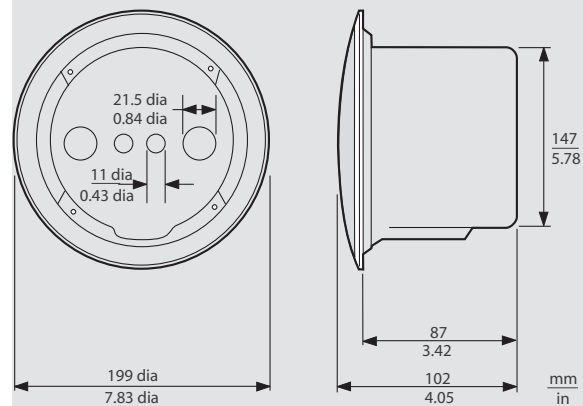
Electrical	
Maximum power	9 W
Rated power	6 / 3 / 1.5 W
Sound pressure level at 6 W / 1 W (1 kHz, 1 m)	94 dB / 86 dB (SPL)
Sound pressure level at 6 W / 1 W (4 kHz, 1 m)	106 dB / 98 dB (SPL)
Effective frequency range (-10 dB)	80 Hz to 18 kHz
Opening angle at 1 kHz/4 kHz (-6 dB)	175° / 55°
Rated voltage	100 V
Rated impedance	1667 ohm
Connection	Flying leads

Mechanical	
Diameter	199 mm (7.8 in)
Maximum depth	70.5 mm (2.8 in)
Mounting cut-out	165 + 5 mm (6.5 + 0.20 in)
Speaker diameter	152.4 mm (6 in)
Weight	620 g (1.37 lb)
Color	White (RAL 9010)

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

Mounting

The assembly is simply and quickly installed into a hole in the ceiling cavity. The /00 version is secured with the three white screws (supplied). The /10 version is secured by two integral spring-loaded ceiling locking clamps. A circular template for marking a 165 mm diameter hole is included with the loudspeaker.
Three wires on the matching transformer (primary) provide for selection of nominal full-power, half-power or quarter-power radiation.

Fire dome

During a fire, the ceiling cavity in which loudspeakers are installed can allow flames to spread throughout a building. To prevent fire entering the caving via the loudspeaker, the ceiling loudspeaker can be fitted with a protective steel fire dome (LBC 3080/01). This optional fire dome is mounted on the loudspeaker assembly using four self-tapping screws, supplied as standard. There are four knock-out holes; two (2) for rubber grommets (supplied) and two (2) for cable glands. (PG13).

LHM 0606/x0 Dimensions in mm / inch

Frequency response

LHM 0606/xx + LBC 3080/01 Fire dome assembly dimensions in mm

Ordering information	
LHM 0606/00 Ceiling Loudspeaker	LHM0606/00
LHM 0606/10 Ceiling Loudspeaker	LHM0606/10
Accessories	
LBC 1256/00 EVAC Connection Adapter	LBC1256/00
LBC 3080/01 Fire Dome	LBC 3080/01