

LSS-80W-BR-200/T

80W landscape and inground loudspeaker



- innovative design
- robust housing
- landscape and inground loudspeaker



AUDEMO-SYSTEMS GmbH Schatzbogen 62
81829 München, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

APPLICATION

- Outdoor
- Background Music

AREA OF USE

- Retail
- Hospitality
- Stadiums
- Theme parks
- Military

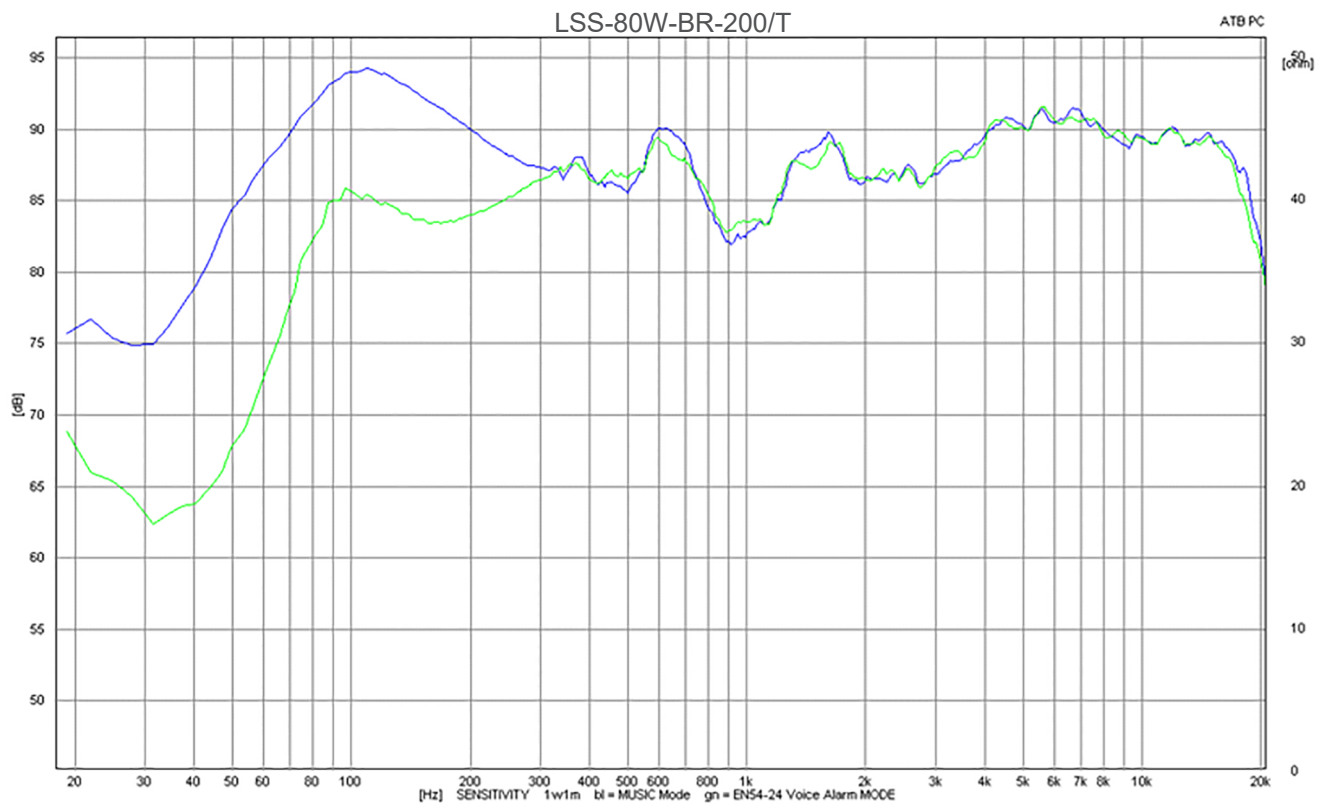
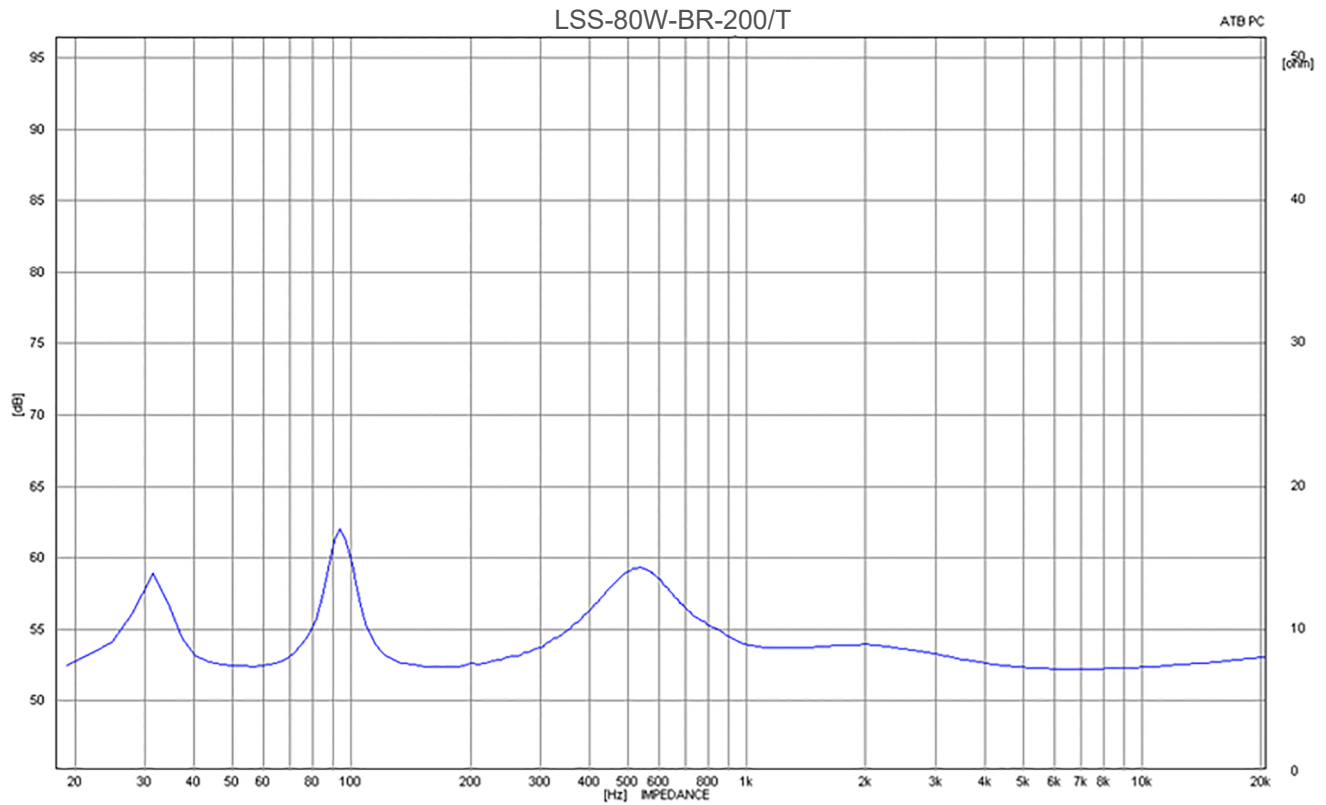
OVERVIEW

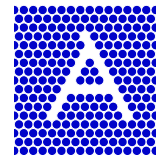
The LSS-80W-BR-200/T is a landscape and inground loudspeaker that blends into the environment and is designed for applications such as shopping malls, outdoor restaurants, resorts and theme parks. With its innovative design, the LSS-80W-BR-200/T speaker provides 360° horizontal coverage, so fewer speakers are needed. The sound is evenly distributed, both horizontally and vertically, so listeners can enjoy consistent sound whether sitting or standing. The speaker also offers an extended low frequency range down to 40 Hz and has a maximum level of up to 109 dB when needed. A durable enclosure and advanced woofer driver paired with a titanium dome tweeter make the LSS-80W-BR-200/T speaker especially rugged and reliable for outdoor use

The LSS-80W-BR-200/T features a downward radiating 8" (200 mm) coaxial driver. The cabinet shape acts as an acoustic diffuser, radiating mid and high frequency energy towards the listener. The body of the speaker is a tuned bass reflex system and includes a 100 volt transformer with multiple taps and offers easily changeable power settings via rotary switch. Another rotary switch is used to set the playback mode. The speaker can be mounted as a surface speaker or recessed into the floor and has 4 mounting holes. The cable connection is made via a waterproof junction box.



FREQUENCY RESPONSE DIAGRAMS





TECHNICAL DATA (ELECTRICAL)

Description	LSS-80W-BR-200/
Power	80/40/20 W
Impedance (100V)	125/250/500/8 ohm
Frequency Range	42 - 22.500 Hz full range mode (music) / 62 - 22.500 Hz voice alarm mode (EN54-24)
Frequency Response	36 - 23.000 Hz full range mode (music) / 58 - 23.000 Hz voice alarm mode (EN54-24)
Sensitivity 1W/1m, peak	91,0 dB
Sensitivity , 1W/4m, peak	79,0 dB
Sensitivity Pmax/1m, peak	110 dB
Sensitivity, rated noise power / 4m	85,0 dB
Sensitivity , 1W/4m, peak	98,0 dB
Sensitivity IEC268-5, Pmax/1m	109 dB
Sensitivity IEC268-5, 1W/1m	90,0 dB
Dispersion -6dB, 500Hz	h=360° v=180°
Dispersion -6dB, 1KHz	h=360° v=180°
Dispersion -6dB, 2KHz	h=360° v=180°
Dispersion -6dB, 4KHz	h=360° v=80°

TECHNICAL DATA (MECHANICAL)

Dimensions	390x450 mm diameter/height
IP Rating	IP65
Weight (net)	6,31 kg
Temperature range	-25 / +70 C°
Mounting	surface mounted or set in ground
Connector	2-pin screw terminal
Colour	brown

All rights reserved.

Information contained in this document is believed to be accurate, however no representation or warranty is given and Audemo-systems in Germany assumes no liability with respect to the accuracy of such information.



Member of the ZVEI - Central Association
for the Electrical Engineering and Electrical
Industry eV Safety Association



PADES  [®] 2000-Series

AUDEMO - SYSTEMS GmbH (Headquarter)

Schatzbogen 62 81829 Munchen
Tel.: +49 (0) 89 1 4 56 78 47 - 0, Fax: +49 (0) 89 1 4 56 78 47- 2900
info@audemo-systems.de, www.audemo-systems.de