LSS-80W-GR-200/T

80W landscape and inground loudspeaker

APPLICATION

- Outdoor
- Background Music

AREA OF USE

- Retail
- Hospitality
- Stadiums
- Military
- Theme parks

- UV-resistant
- easy power adjustment
- 2-Way system

OVERVIEW

The LSS-80W-GR-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-GR-200/T speaker especially rugged and reliable for outdoor use.

The LSS-80W-GR-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.

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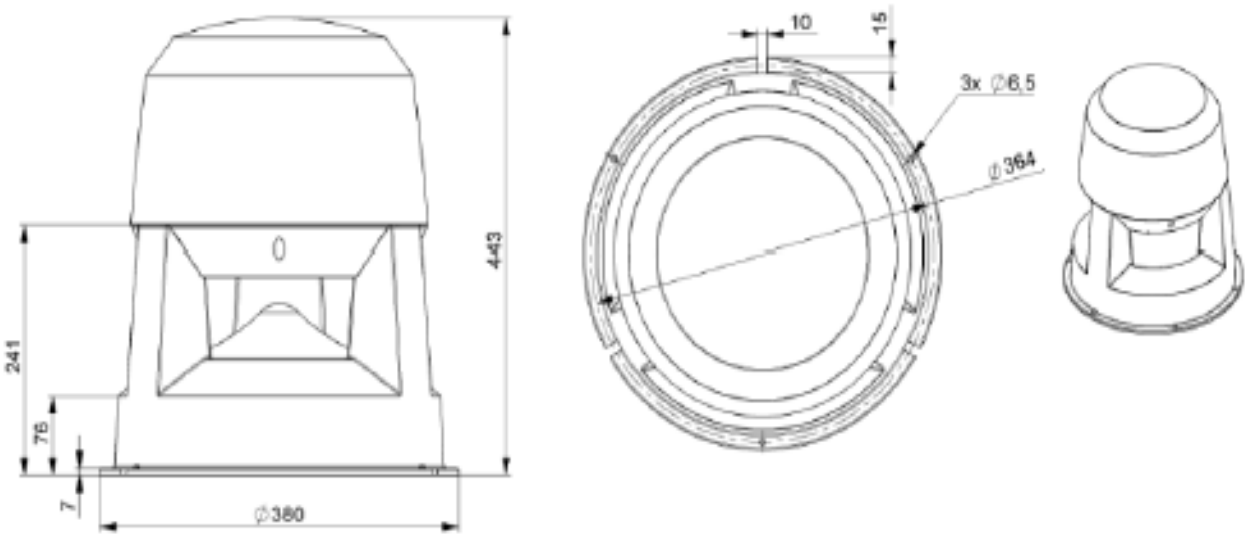
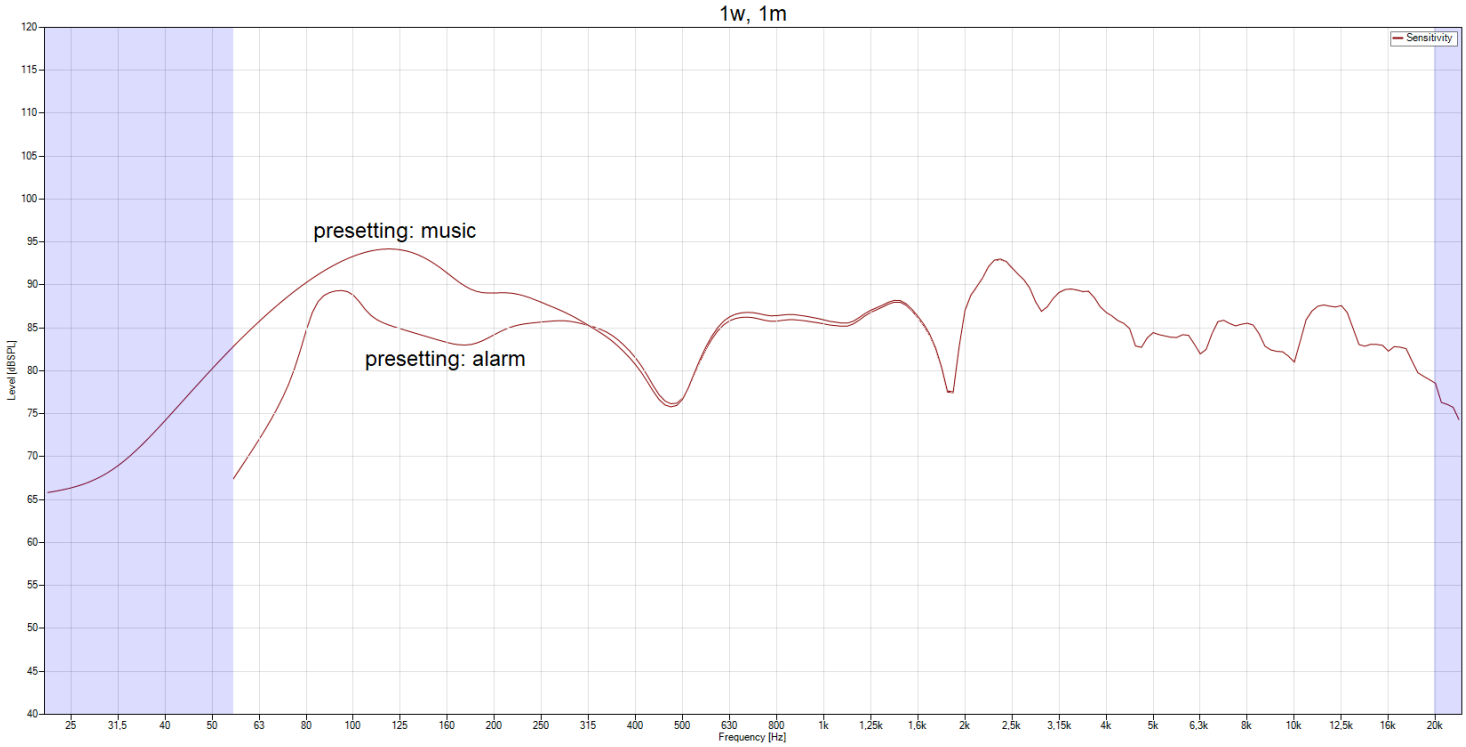
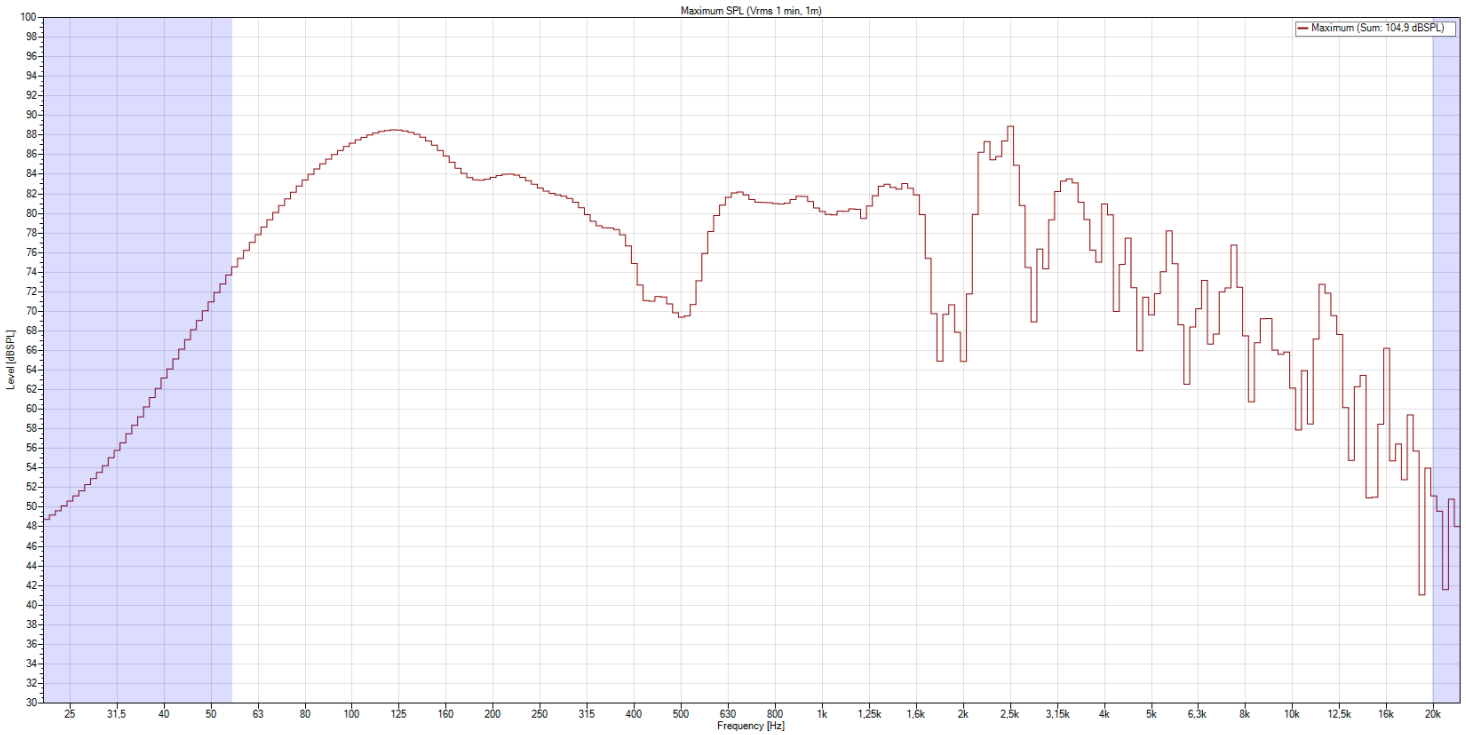
TECHNICAL DRAWINGS



all dimensions are in mm

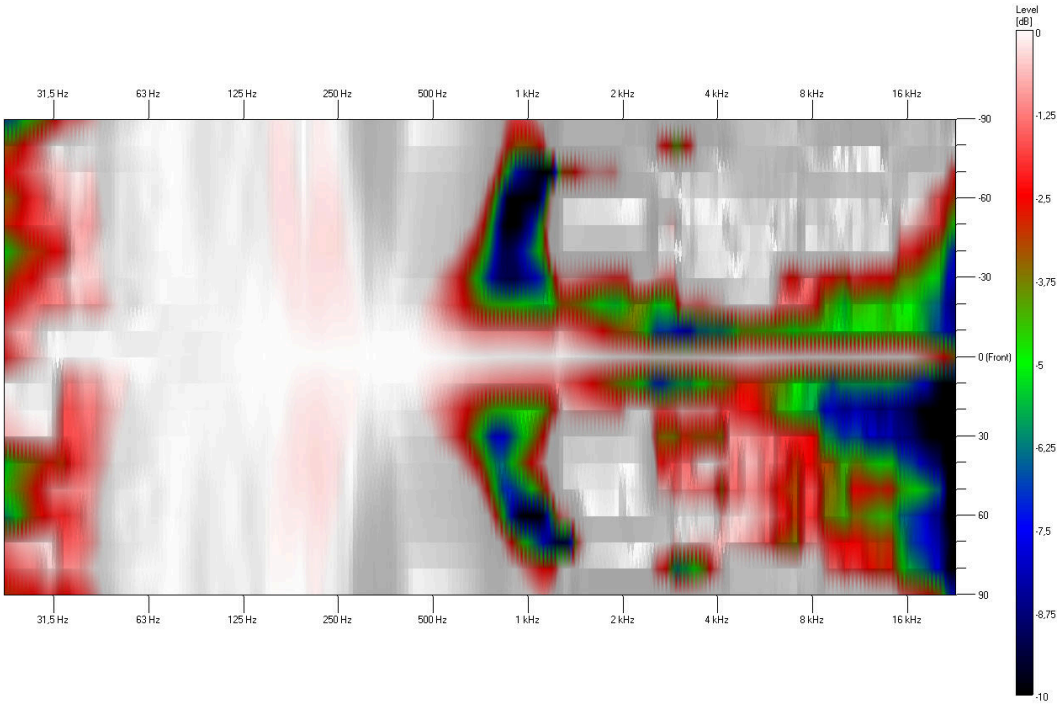
FREQUENCY RESPONSE DIAGRAMS



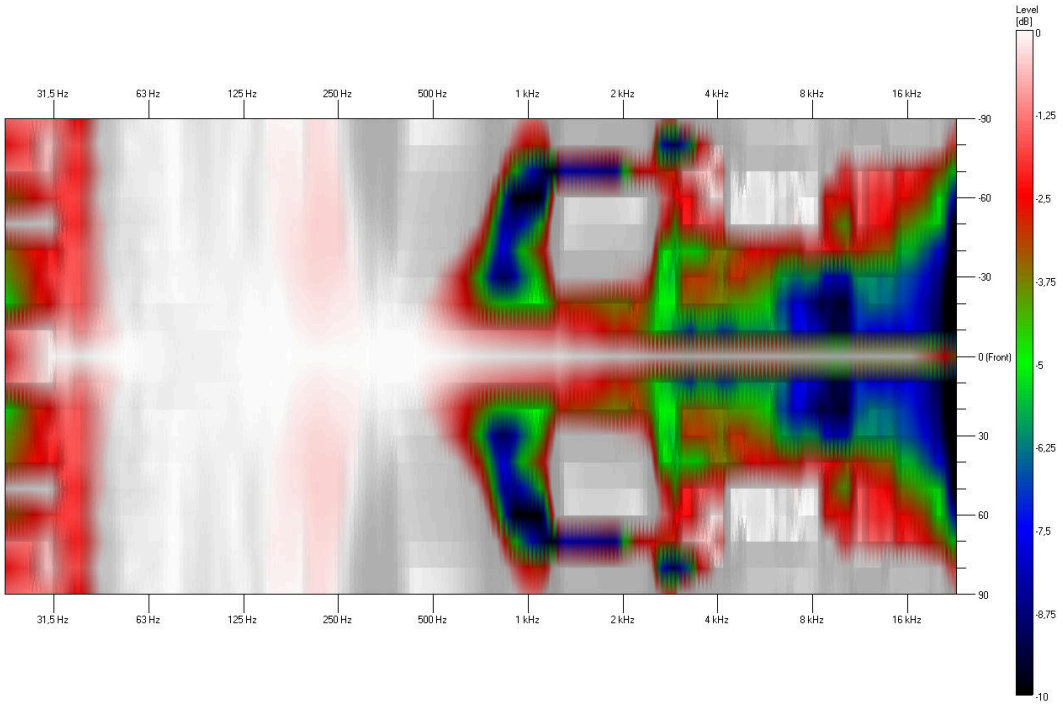


ISOBAR

Vertical

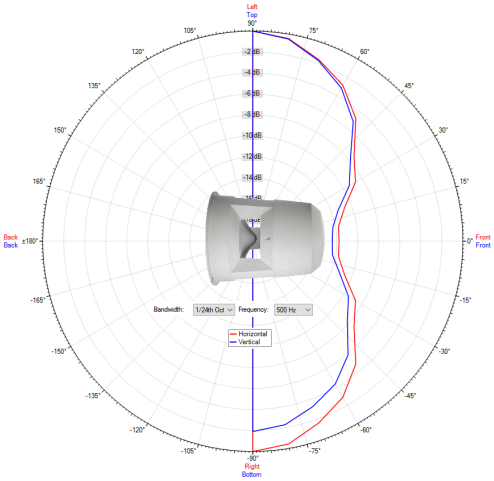


Horizontal

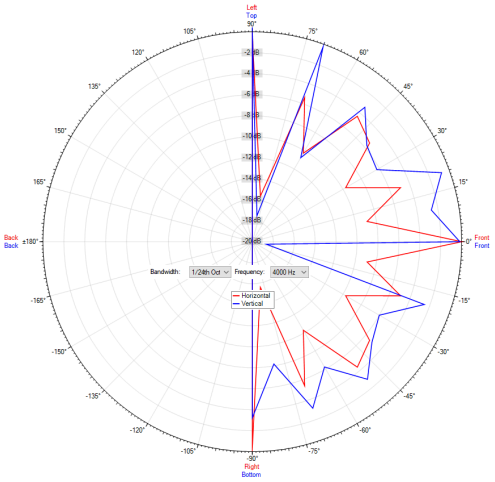


POLAR DIAGRAM

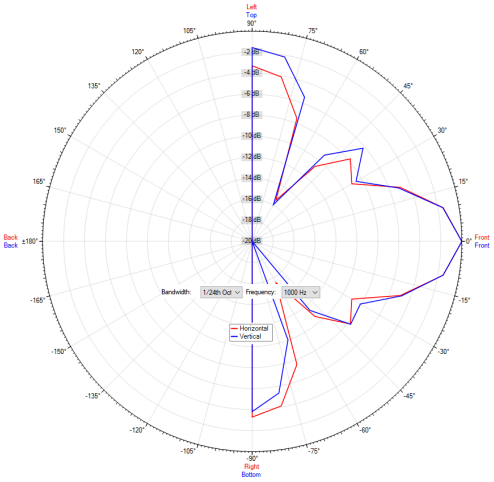
Polar Diagram 500Hz



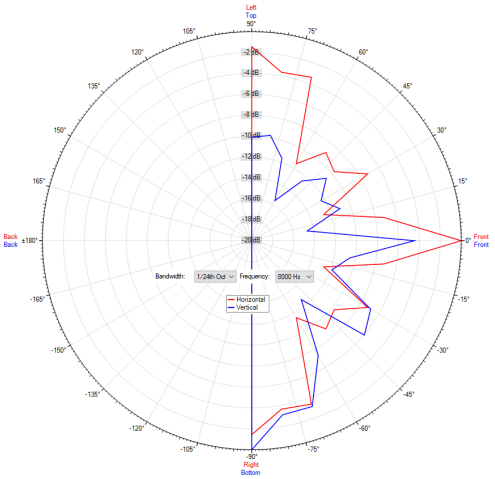
Polar Diagram 4000Hz



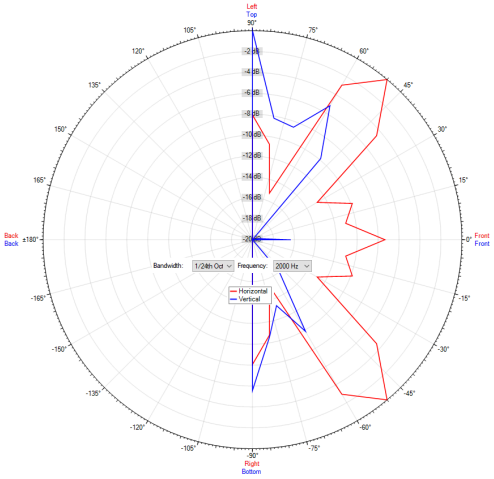
Polar Diagram 1000Hz



Polar Diagram 8000Hz



Polar Diagram 2000Hz



TECHNICAL DATA (ELECTRICAL)

Description	LSS-80W-GR-200/
Power	80/40/20/10 W
Impedance (100V)	125/250/500/1000 (8 ohm)
Frequency Range	49 - 19.000 Hz (music) 70 - 20.000 Hz (voice alarm)
Frequency Response	40 - 24.000 Hz (music) 63 - 24.000 Hz (voice alarm)
SPL IEC268-5, 1W/1m	82,6 dB (music) 80,6 dB (voice alarm)
Sensitivity , 1W/4m, peak	73,3 dB (music) 68,0 dB (voice alarm)
Dispersion -6dB, 500Hz	h=360° v=360°
Dispersion -6dB, 1KHz	h=360° v=235°
Dispersion -6dB, 2KHz	h=360° v=230°
Dispersion -6dB, 4KHz	h=75° v=135°

TECHNICAL DATA (MECHANICAL)

Dimensions	380x443 mm
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	RAL 6003

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