

20W in-wall two-way loudspeaker

**APPLICATION**

- Public Address and Voice Alarm
- Outdoor application
- Background Music

**AREA OF USE**

- Health • Education • Retail • Hospitality
- Stadiums • Transportation • Theme parks • Military



**EN 54 | 24**

- in-wall two-way loudspeaker
- flush-mounted
- weatherproof
- without visible front screws

**OVERVIEW**

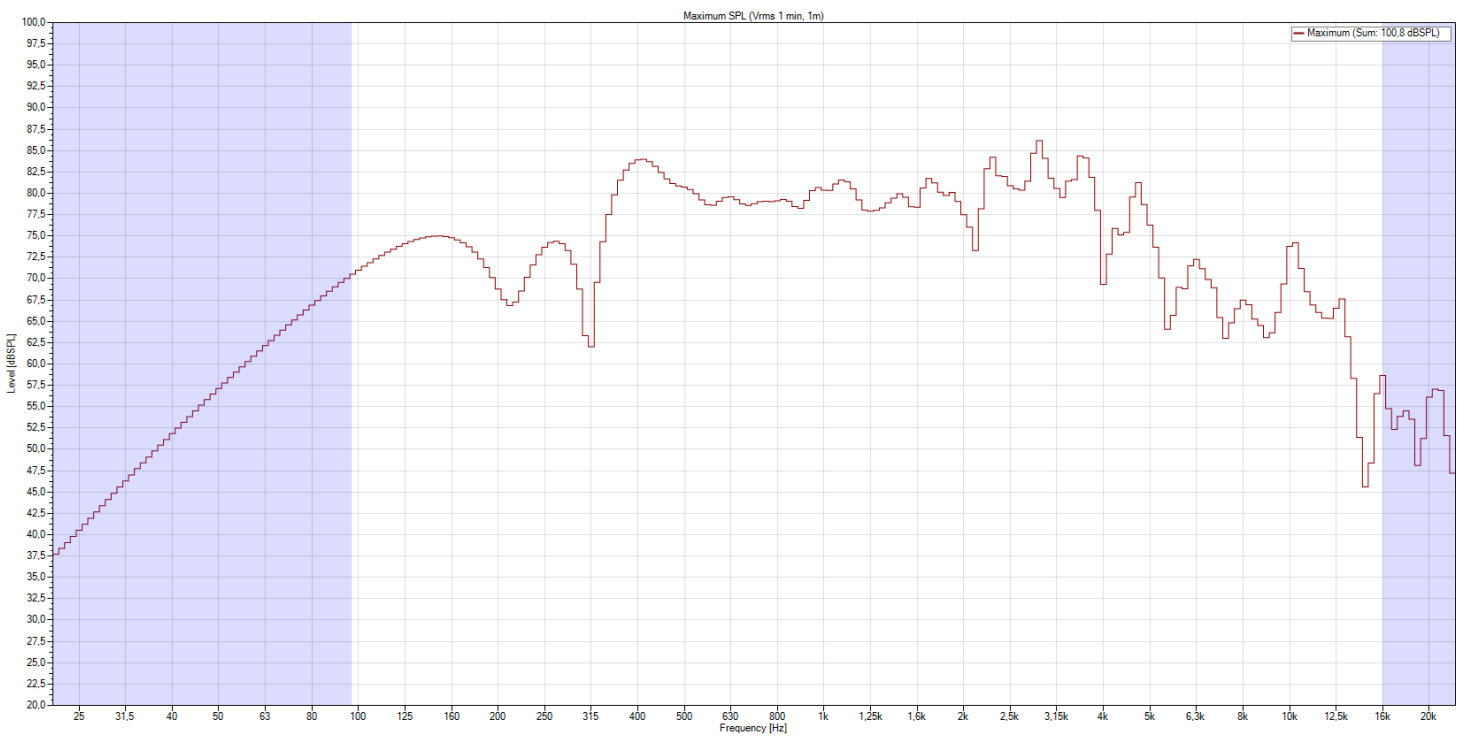
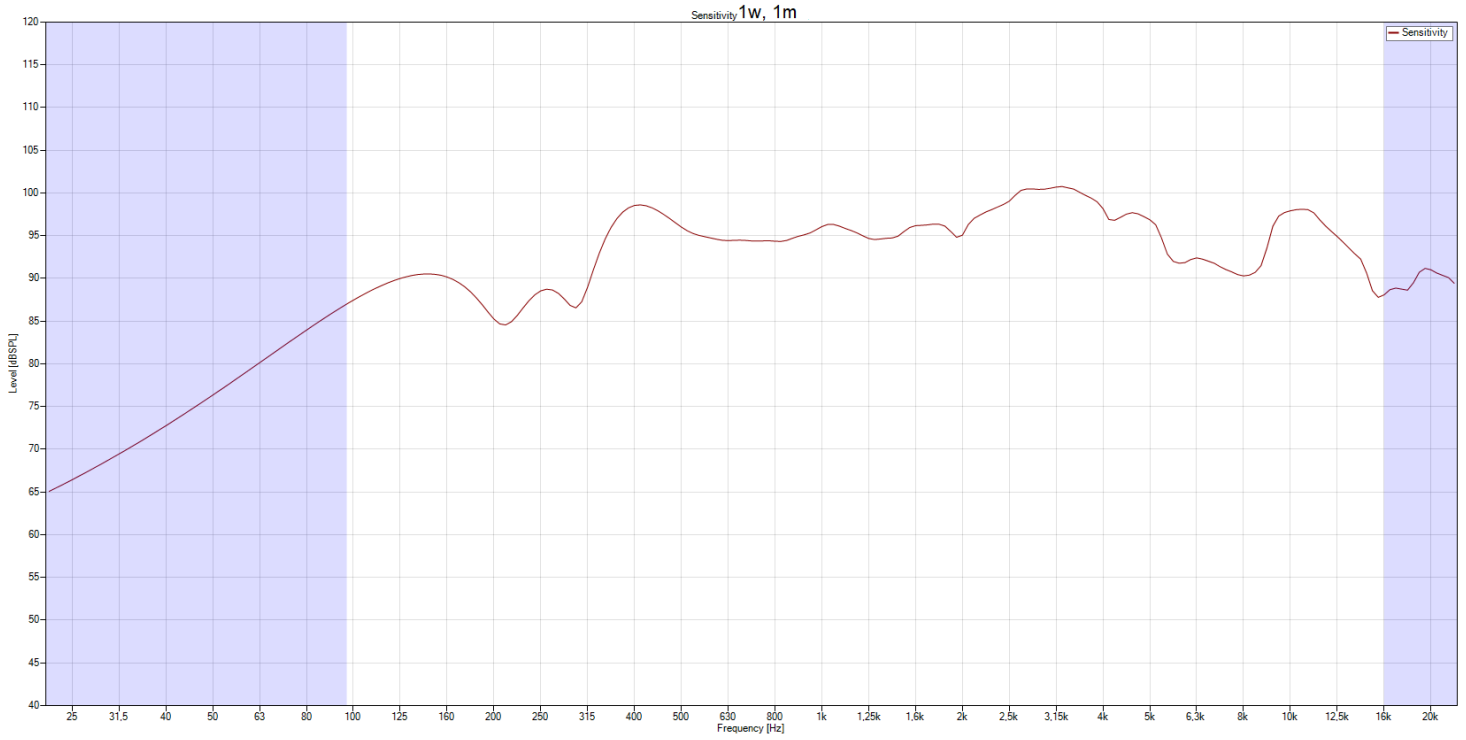
The 20W powered speaker is equipped with a 200 mm full-range loudspeaker chassis and a 100V transformer with 3 power adjustments. The high-density, shock-resistant ABS-plastic front panel in black provides a low resonance sound. A sturdy front grille made of steel guarantees enduring stability. For additional reliability, a 2-pin ceramic block, and a thermal fuse are provided and the speaker chassis is impregnated against wetness.

The speaker is also secured with the protection class IP 65 against the security risks of environmental influences. It is also compliant with the British Standard BS 5839, Part 8.

Quick and easy flush-mounting with screws. The speaker cable is guided into the installation housing. After that the installation housing will be placed in the wall. The speaker cable will be connected to the transformer. Then the loudspeaker is placed into the installation housing, and secured with the enclosed screws. After that the grille is placed on the speaker.

## Frequency Response Diagram

### Sensitivity



## TECHNICAL DATA (ELECTRICAL)

Description	IWLS-20B-200
Power	20/10/5 W
Impedance (100V)	500/1000/2000 ohm
Frequency Range	93 - 23.500 Hz
Frequency Response	72 - 23.500 Hz
SPL IEC268-5, 1W/1m	92,0 dB
SPL EN54-24, Pmax/4m	89,0 dB
Sensitivity EN54-24, 1W/4m	80,0 dB
Sensitivity EN54-24, 1W/1m	92,0 dB
Dispersion -6dB, 500Hz	h=180° v=180°
Dispersion -6dB, 1KHz	h=180° v=170°
Dispersion -6dB, 2KHz	h=120° v=130°
Dispersion -6dB, 4KHz	h=50° v=60°

## TECHNICAL DATA (MECHANICAL)

IP Rating	IP65
Temperature Range	-10 / +55 C°
Mounting	Flush mounting
Connector	2-pin ceramic block
Terminal Diameter	3,2 mm
Maximum Cable Passage	8 mm <sup>2</sup>
Colour	black

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