

B2

Wireless Transmitter & Volume Control

The B2 is the central transmitter and volume controller for the Loud of Sweden wireless audio system. It distributes audio using Wireless Local Gateway 2.0 on the 1.9 GHz DECT band, independently of conventional Wi-Fi audio streaming. Four individually selectable volume zones and an integrated microphone provide convenient everyday control and live announcements.

Key Features

- 1.9 GHz Wireless Local Gateway 2.0 (WLG 2) transmission
- Four individual volume zones: A, B, C and D
- Built-in microphone and live announcement function
- Speaker pairing and volume control
- Up to 350 m outdoor line-of-sight range, subject to surroundings
- Compact form factor with optional wall-mounting accessory

Technical Specifications

Model	B2
Wireless technology	1.9 GHz DECT, Wireless Local Gateway 2.0
Frequency response	20 Hz – 18 kHz
Operating range	Up to 350 m outdoors, depending on surroundings
Latency	16 ms
Volume zones	4 (A / B / C / D)
Analogue input	3.5 mm unbalanced AUX
Power input	5 V DC, 1 A via USB-C
Maximum power consumption	2.4 W

B2 | Technical Details

Physical Specifications

Dimensions (W × H × D)	110 × 110 × 23 mm
Weight	200 g
Installation	Desktop or optional wall mount

System Functions

Audio transmission: Broadcasts an audio signal to compatible Loud of Sweden wireless speakers and receivers via WLG 2.

Zone management: Four volume zones allow different areas to be controlled from the same base unit.

Announcements: Built-in microphone and talk control provide live announcement capability.

Pairing: Supports pairing of compatible wireless system components.

Installation Notes

Place the transmitter where its controls and microphone are accessible. Radio coverage varies with construction materials, metal structures, interference and site layout. Use a suitable 5 V USB-C supply and follow the installation manual for pairing and zone configuration.

