Losonnante

DATASHEET

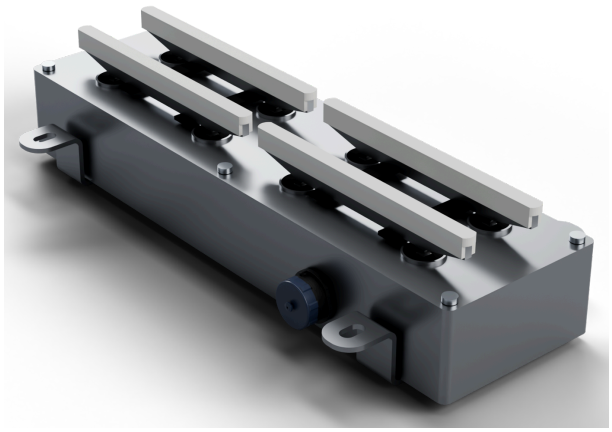
Harmony Speaker

Bone-conduction speaker for seats

Ref. HM-SP · Harmony range

Rev. 1.0 · November 2026

The Harmony Speaker is the speaker of the Harmony range. Fitted to the back of the Harmony seat backrest, it plays sound through the back of the head: the head rests on four bars set vibrating by four bone-conduction transducers. Being passive, it connects to the Harmony Player with a sealed cable.

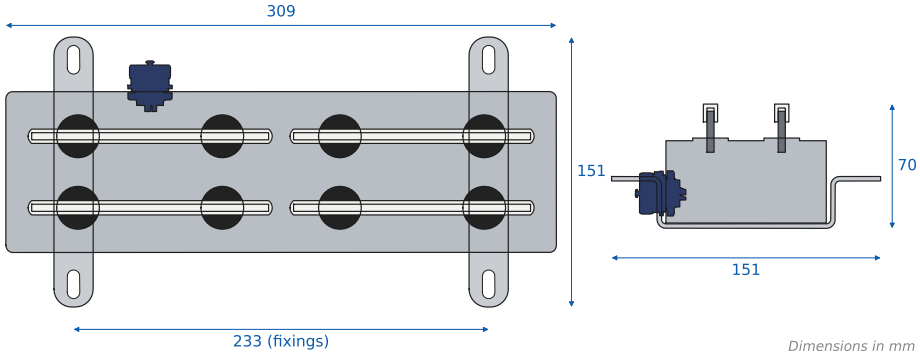


KEY FEATURES

- Listening through the back of the head, by bone conduction
- 4 transducers and 4 pressure sensors
- Sound triggered when the head rests on the bars
- Passive: linked to the Harmony Player by a sealed 9-pin connector
- Machined steel housing, head rests on spring strips

Applications: museums and cultural venues, leisure parks, festivals and events, tourist sites, urban furniture.

DIMENSIONS



Top view **End view**

Dimensions in mm

CONNECTIONS	
Audio and sensors	Sealed Weipu SP17 9-pin socket
Compatibility	Harmony Player

COMPLIANCE	
Marking	WEEE · made in France
Use	Passive accessory of the Harmony Player

MECHANICAL	
Dimensions (L × W × H)	309 × 151 × 70 mm (brackets included)
Weight	≈ 3 kg
Mounting	2 steel brackets 3 mm on 4 M6 studs, 4 × 7 × 16 oblong holes (2 nuts per stud to set the distance), 233 mm apart
Installation	Behind the Harmony seat backrest or furniture panel: 4 slots 141 × 12 mm for the bars
Housing	Machined steel, as-machined finish
Head rests	4 steel bars, white PLA covers, on EPDM strips (spring effect)
Top sealing	8 black silicone plugs around the pins

ENVIRONMENT	
Use	Indoor
Operating temperature	−20 °C to +55 °C

AUDIO	
Principle	Bone conduction, listening through the back of the head
Transducers	4 × Ø 51 mm exciters, wired 2 by 2 in series
Power	20 W
Frequency range	50 Hz to 8 kHz
Triggering	4 pressure sensors: sound plays while the head rests on the bars (handled by the Harmony Player)

ELECTRICAL	
Type	Passive, no power supply
Connection	Sealed Weipu SP17 9-pin connector, to the Harmony Player
Cable	8-core, 1 m (supplied with the Harmony Player)