



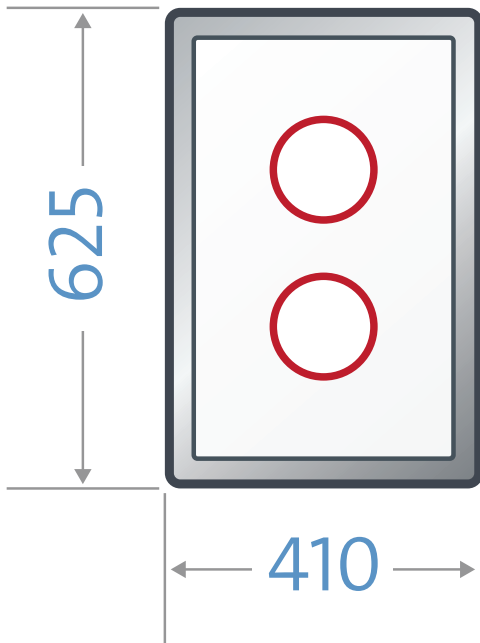
OVERVIEW

An advanced room acoustic solution can be achieved through fully integrated panel-based loudspeaker systems, where walls and ceilings act as the radiating surface. These systems eliminate the need for visible speaker enclosures, grilles, or cabling, allowing seamless incorporation beneath finishes such as plaster, paint, wood, or wallpaper without compromising acoustic performance.








A key advantage lies in the aesthetic integration: by concealing the electro-acoustic components entirely within architectural elements, designers retain full creative freedom without the constraints typically imposed by conventional loudspeaker placement. This is especially valuable in high-end hospitality and heritage or design-sensitive spaces.

Critically, systems that comply with EN 54-24 offer a unique dual-function capability. They not only deliver high-fidelity background music but also meet stringent voice alarm and life safety requirements. This ensures that the same invisible infrastructure can be used for emergency evacuation messaging, maintaining intelligibility and reliability under regulated conditions.

Position these hidden panel speakers as a distinctive and highly versatile solution, bridging the gap between aesthetic purity and technical performance—something rarely achieved in conventional loudspeaker systems.



Legend

- 
Version for integration in dry construction (gypsum board): primer coated, rear surrounding frame (MDF / foam rubber)
- 
Version with al-cu-drive in metal housing and carbon surface
- 
Absorbing backbox for efficient absorption of unwanted rear radiated sound components
- 
64 W RMS capacity (4 Ohm impedance) for average sound level request
- 
32 W RMS capacity (8 Ohm impedance) low sound level request
- 
EN 54-24 certified
- 
Integrated 100 V transformer

TECHNICAL DATA (ELECTRICAL)

Description	INVLS-60W-R
Type	Wall or ceiling integration
Mounting depth	70 mm recommended, 52 mm min
Sensitivity	1W, 1m 92 dB*
Capacity	64 W RMS / 100V
max. SPL	110 dB*
Frequency range	90 Hz - 20 kHz*
Dispersion	180°
Overload protection	PTC protection circuit
Dimensions (H x B x T)	625 x 410 x 52 mm

* (typical, depending on installation conditions)

Important Note: to guarantee optimal performance and reliability of the systems and thus warranty claim, the use of a specific controller or controller amp is obligatory.

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