

XSCACE

SIZE DEFYING SOUND

INSTALLATION MANUAL

Cane In-Ceiling / In-Wall

Slim Array In-Ceiling / In-Wall

XSCACE

SKU XSP-IC-CAN · Slim Array Series

READ ALL INSTRUCTIONS
BEFORE INSTALLATION

WHAT'S IN THE BOX

- Speaker unit
- Spring clips
- Cutout template
- Wire connectors

TOOLS REQUIRED

- | | |
|--------------------------|---------------------------------|
| – Pencil / marker | – Spirit level |
| – Tape measure | – Cable stripper / cutters |
| – Power drill + 6mm bits | – Screwdriver (Phillips + flat) |
| – Drywall saw / jigsaw | – Stud finder |

BEFORE YOU BEGIN

Always isolate power before making electrical connections. Ensure all wall fixings are rated for the combined weight of the speaker and accessories. If in doubt about wall or ceiling construction, engage a structural professional before cutting or drilling. XSCACE accepts no responsibility for damage resulting from incorrect installation.



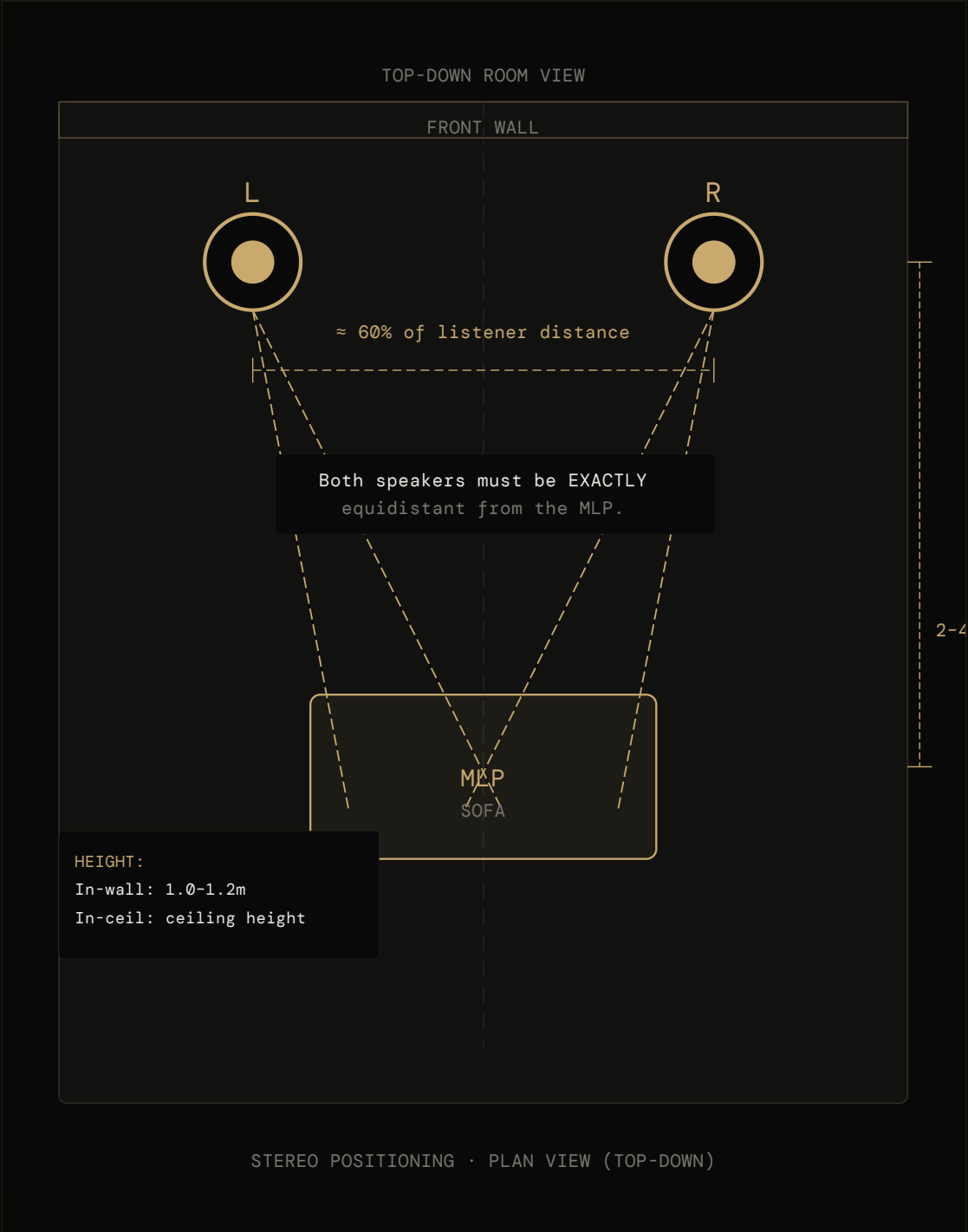
Weight: 0.2 kg · 183.5 × 43 × 24 mm · Passive

SPEAKER POSITIONING

Finding your ideal sound stage.

- Identify your Main Listening Position (MLP) — the primary seat from which you will listen.
- For stereo: position both speakers symmetrically on either side of the room centreline.
- Spacing: approximately 60% of the listener distance. If the MLP is 3m from the speaker plane, space speakers 1.8m apart.
- In-wall: mount at ear level when seated — 1.0–1.2m from the floor. In-ceiling: install at ceiling height.
- Both speakers must be exactly equidistant from the MLP. Use a tape measure — even 5cm of asymmetry is audible.
- For cinema LCR / surround, use the XSCACE Configurator for full channel layout.

Speakers face directly forward - no angling required.



INSTALLATION STEPS

How to install your Cane In-Ceiling / In-Wall.

- 1

Mark the cutout: 183mm high × 43mm wide using the included template.
- 2

Check for pipes, cables, and studs. Do not cut through structural elements.
- 3

Confirm cavity depth is at least 35mm minimum.
- 4

Cut the opening with a drywall saw, staying inside the marked line.
- 5

Route cable (14 AWG or thinner) through the wall void — leave 200mm exposed.
- 6

Connect cable to the Cane In-Ceiling / In-Wall push terminal. Observe polarity.
- 7

Compress the spring clips flat against the speaker body. Insert at a slight angle, then straighten into the cutout. The spring clips automatically expand behind the drywall.
- 8

Press the speaker flush — the clips grip the back of the drywall board. No screws to tighten.
- 9

Fit the grille to complete the installation.

KEY DIMENSIONS

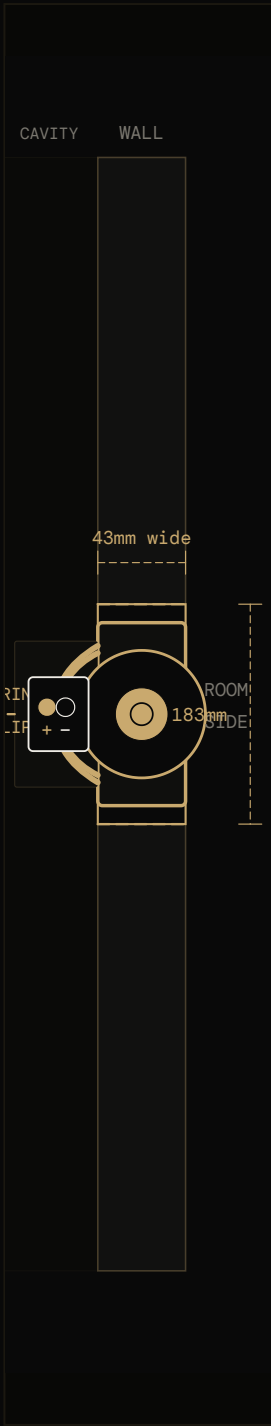
Cutout H × W	183 × 43mm
Cavity depth min	35mm

SAFETY

Isolate power before electrical connections. Ensure all fixings are adequate for the system weight. When in doubt, consult a structural professional. XSCACE accepts no responsibility for incorrect installation.

CAVITY

WALL



IN-WALL SPRING CLIPS

CUTOUT: 43 × 183mm

efi

Mark 43×183mm cutout

efi

Check pipes & studs first

efi

Cut with drywall saw

efi

Route cable — 200mm slack

efi

Connect — Red(+) · Black(-)

efi

Insert speaker into opening

efi

Spring clips auto-expand

efi

Fit grille (paintable)

CONNECTING TO YOUR SYSTEM

Signal & power connections.

Wire gauge	14 AWG or thinner
Connector	push terminal
Impedance	8Ω
Crossover (set on amp)	200Hz low-pass
Polarity	Red(+) positive · Black(-) negative

Wire both speakers in the same phase. Reversed polarity on one speaker causes bass cancellation and a hollow mid-range.

SYSTEM DESIGN & WIRING

For amplifier selection, subwoofer integration, multi-room layout, and interactive wiring diagrams — open the XSCACE Configurator:

XSCACE Configurator



Scan with your phone camera.
Select your products, receive a wiring diagram and bill of quantities.

xscace.com/planner

SUPPORT
support@xscace.com
xscace.com

PRODUCT REFERENCE

SKU	XSP-IC-CAN
Series	Slim Array Series
Impedance	8Ω
Power RMS	50W
Weight	0.2kg