

# Installation Instructions



SoundHouse

**Recess in Cavity.  
As an add on to  
Music/Performance  
Audio Infrastructure by  
Others. With additional  
microphones**



**HEAR and LEARN**  
CLASSROOM SOUND ENHANCEMENT

**UConnect**



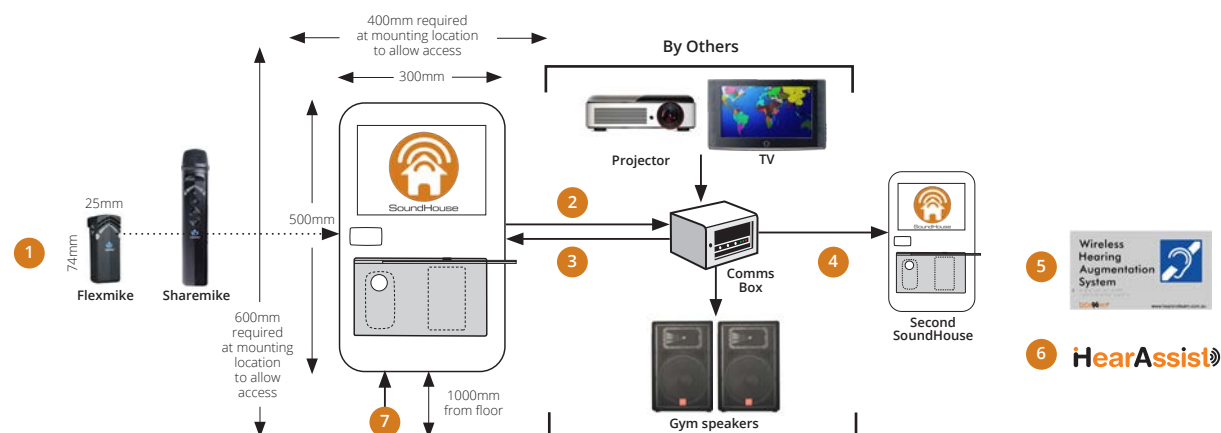
UConnect SoundHouse by hearandlearn.com.au is a bespoke steel cabinet complete with internal electronics, power supplies, labelling and signage for capturing and delivering instructional audio in learning spaces.

There are two versions of the UConnect SoundHouse – our WALL MOUNTED version and our RECESSED version. This document is relevant to installing our RECESSED version which have a right angled rear body for easy install complete with flange. It should not wall mounted.

This configuration of SoundHouse includes our Access Link receiver. Our Flexmike and Sharemike are paired to the Access Link pre installed in the SoundHouse. These microphones are charged and stored in the SoundHouse for convenient usage.

Your RECESSED SoundHouse is equipped with HEARING AUGMENTATION facilities. This means forms of electronic Instructional Audio, PA, Screens – will be connected to the SoundHouse making it available to people in these spaces who have receivers built in their hearing aids.

SOUNDHOUSE IS FOR EVERYDAY USE BY TEACHERS AND LEARNERS, BE UNOBSCURED, HAVE EASY ACCESS AND WITH LINE OF SIGHT OF AREAS OF THE ROOM.



1. Flexmike and Sharemike paired to Access Link inside SoundHouse
2. Output from AccessLink to Comms Box for Music / Performance Audio Infrastructure by Others. If the length of cable from output of AccessLink to Comms Box is less than 10m, use general audio cable with 3.5mm male plug to connect to from Access Link to Comms Box. If length of cable is greater than 10m, use CAT 5E/6 cable with Audio Extenders at each end.
3. Output from Comms Box to Input on ElectroBox inside SoundHouse. If the length of cable from output of Access Link to Comms Box is less than 10m, use general audio cable with 3.5mm male plug to connect to from Access Link to Comms Box. If length of cable is greater than 10m, use CAT 5E/6 cable with Audio Extenders at each end.
4. Depending on the size and configuration of the space, a second SoundHouse may be required. Consult with Hear and Learn.
5. Braille Tactile signs provided by Hear and Learn. These are compulsory and mounted to these rules:
  - Sign must be located not less than 1200 mm and not higher than 1600 mm above the floor or ground surface
  - Located on wall on the latch side of the door with the leading edge of the sign located between 50 mm and 300 mm from the architrave or if this is not possible, the sign may be placed on the door itself.
6. HearAssist includes local installation assistance, commissioning and staff training.
7. Connection of power to GPO's prebuilt into SoundHouse. No wall GPO(s) required.



See [hearandlearn.com.au/hearing-augmentation-solutions](https://hearandlearn.com.au/hearing-augmentation-solutions)

[hearandlearn.com.au](https://hearandlearn.com.au)

UConnect SoundHouse & Mini, 975 POINT TO PAIR, Redcat POINT TO PAIR & Topcat POINT TO PAIR are part of the Hear and Learn technology family.  
Offices Australia wide (03)93709355

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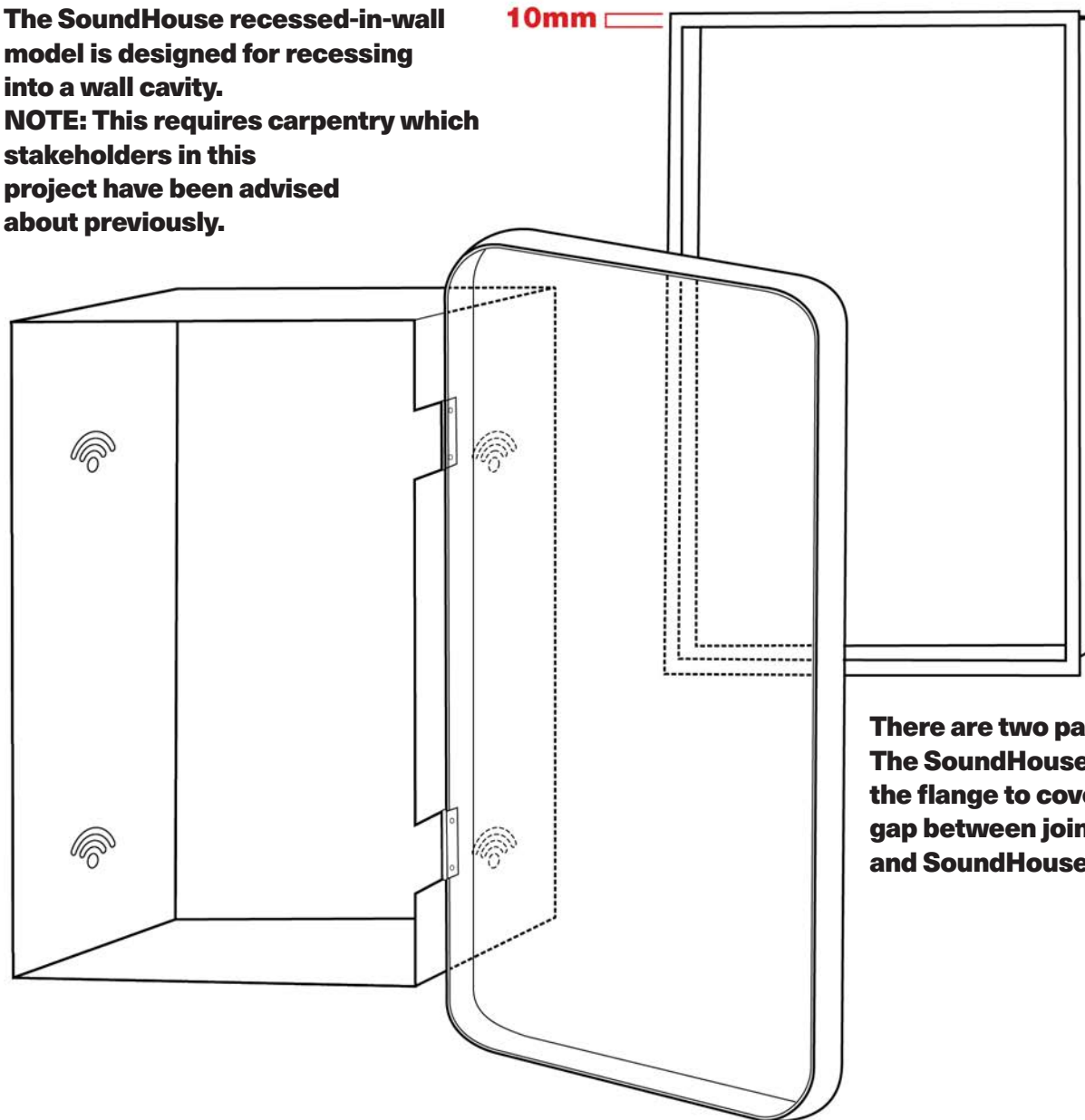


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The SoundHouse recessed-in-wall model is designed for recessing into a wall cavity.  
**NOTE:** This requires carpentry which stakeholders in this project have been advised about previously.

10mm



**There are two parts:  
The SoundHouse and  
the flange to cover the  
gap between joinery/wall  
and SoundHouse**

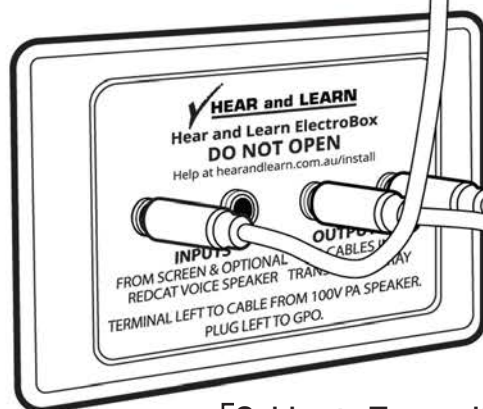
# Installation Instructions



SoundHouse

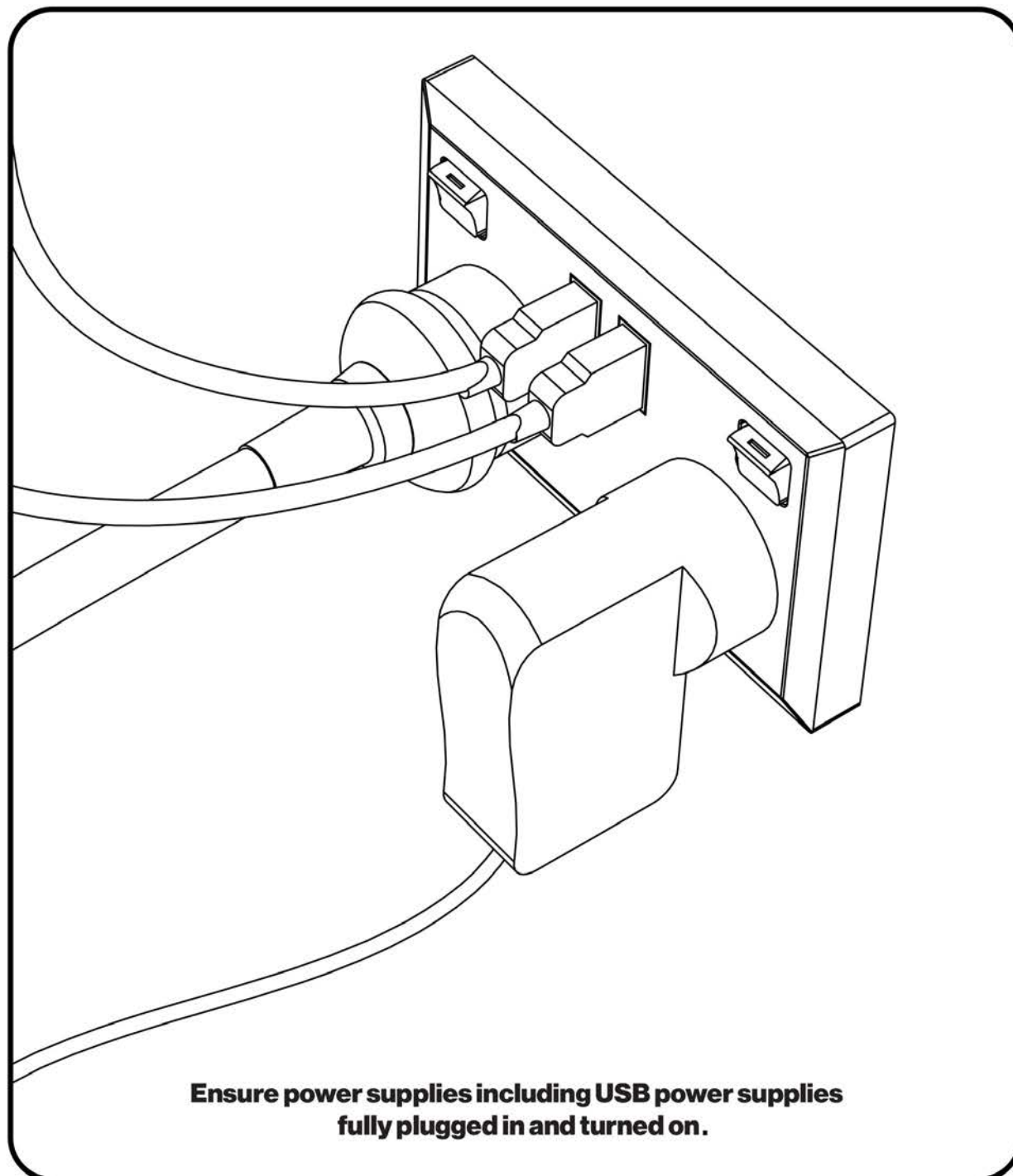
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**OUTPUT** From Comms Box



**OUTPUTS** [Cables to TransmitterTray  
 on the front of SoundHouse]

**Ensure cables fully plugged in as shown above.**



**Ensure power supplies including USB power supplies  
 fully plugged in and turned on.**

# Installation Instructions

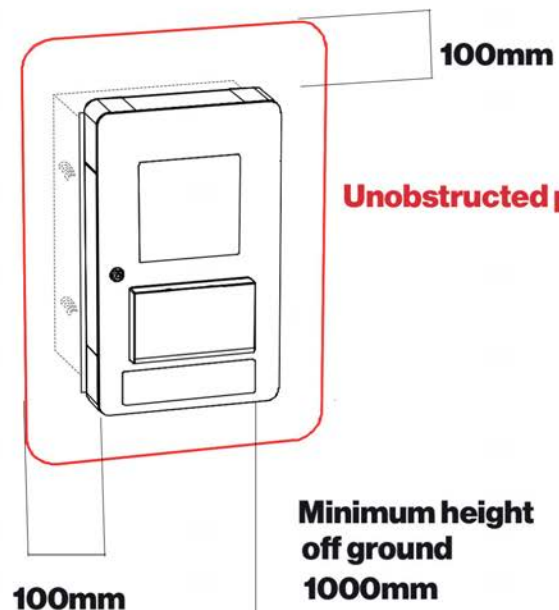


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**\* Position shown for illustration purposes only**

**Soundhouse to be accessible to all learners, be in line of sight, and unobscured**



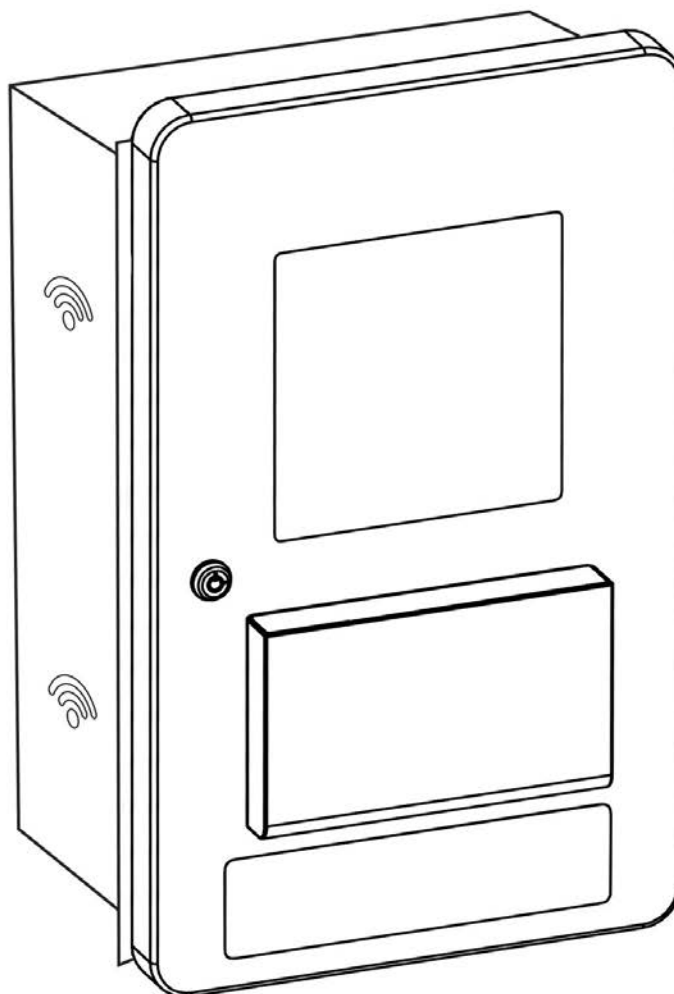
**Unobstructed perimeter 100mm all sides**

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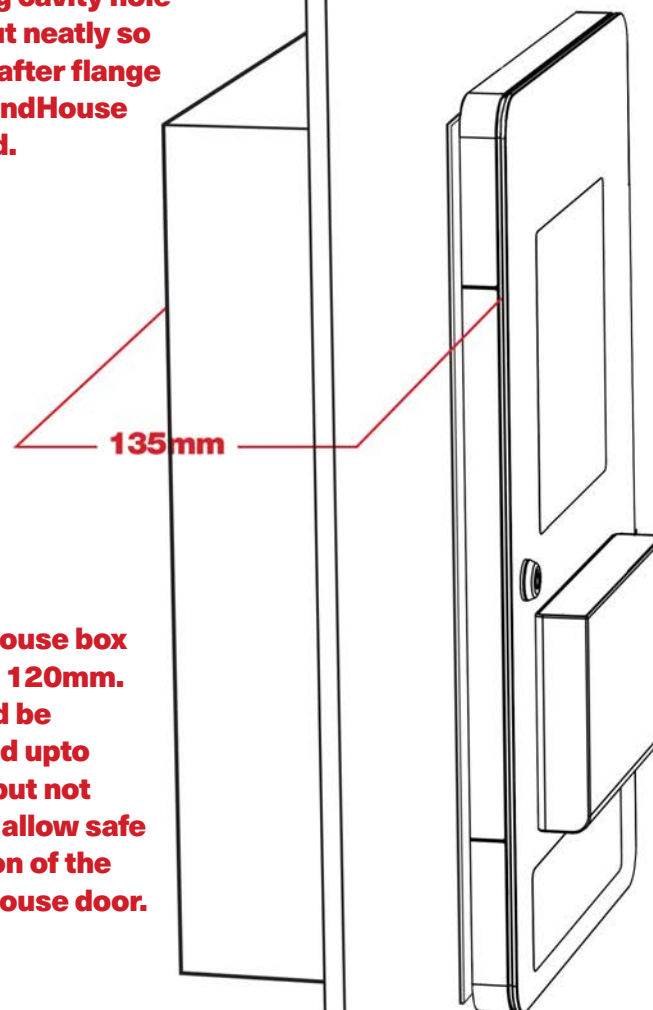
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**Cut hole in wall as per 1:1 scale  
template link below**



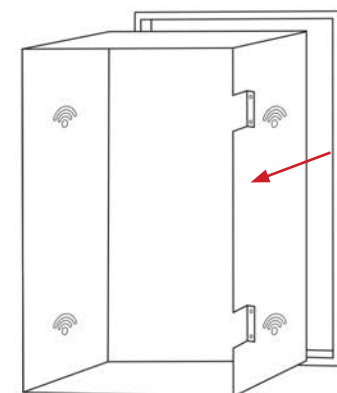
**Download installation template at:**  
[hearandlearn.com.au/install](http://hearandlearn.com.au/install)

**DISCLAIMER\***  
Installer will be  
responsible for  
ensuring cavity hole  
is cut out neatly so  
unseen after flange  
and SoundHouse  
installed.



**SoundHouse box  
depth is 120mm.**  
It should be  
recessed upto  
90 mm but not  
more to allow safe  
operation of the  
SoundHouse door.

**Door must protrude  
by 45mm to allow  
door to open freely  
on box hinges**



**Slide the cover flange  
onto SoundHouse Box  
before fixing box to wall  
carpentry.**

# Installation Instructions

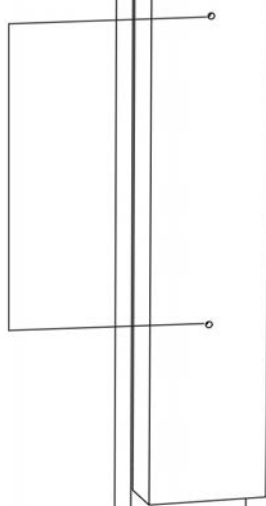


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**Hole dimensions  
for pilot holes  
in stud/spacer**

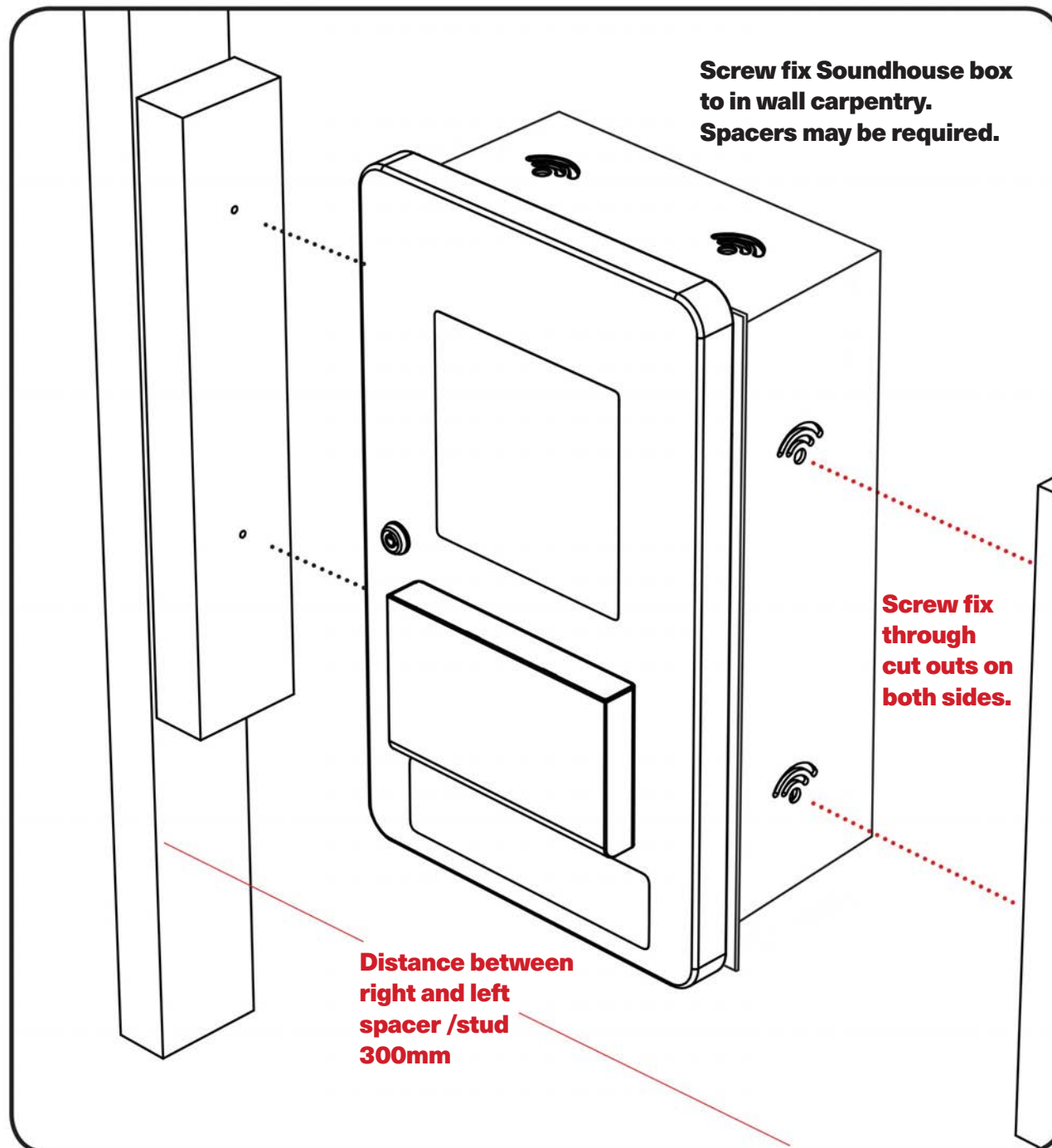
300mm



**Screw fix Soundhouse box  
to in wall carpentry.  
Spacers may be required.**

**Screw fix  
through  
cut outs on  
both sides.**

**Distance between  
right and left  
spacer /stud  
300mm**



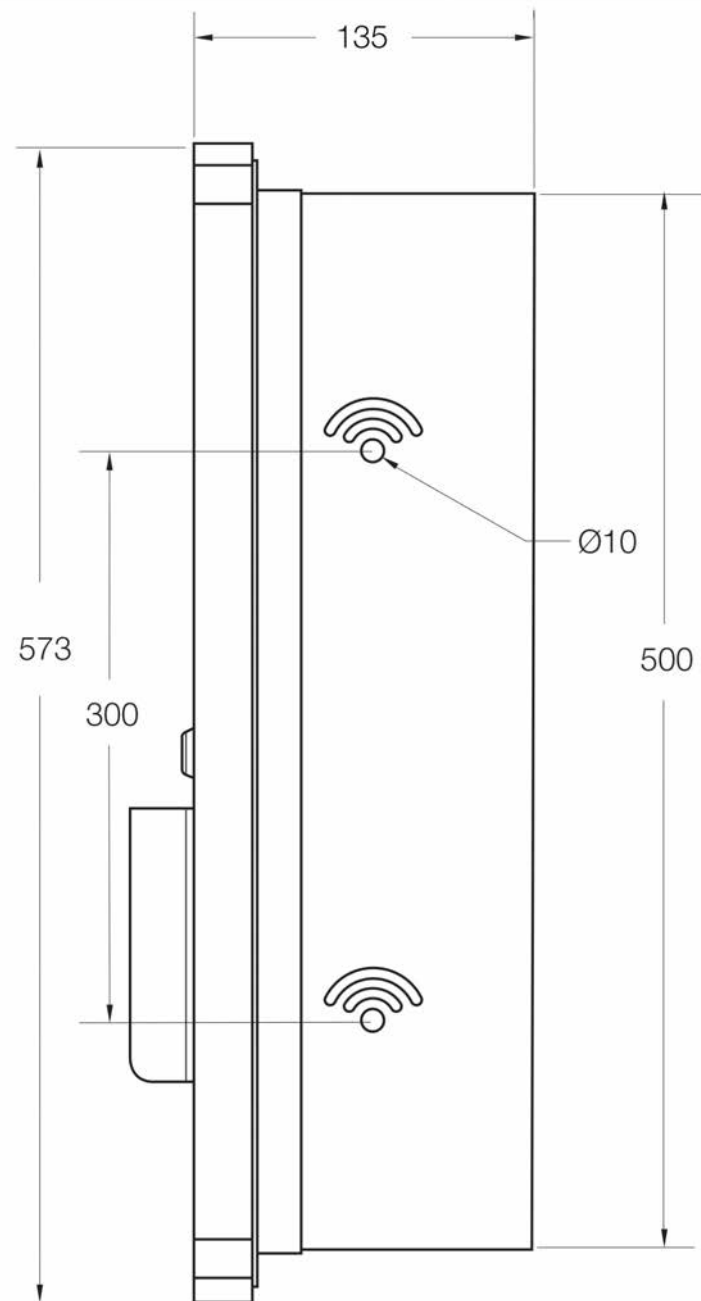
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**Detailed stud mounting hole location**





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Precabing is to be completed prior to installation of SoundHouse in accordance with electrical diagrams for the project.

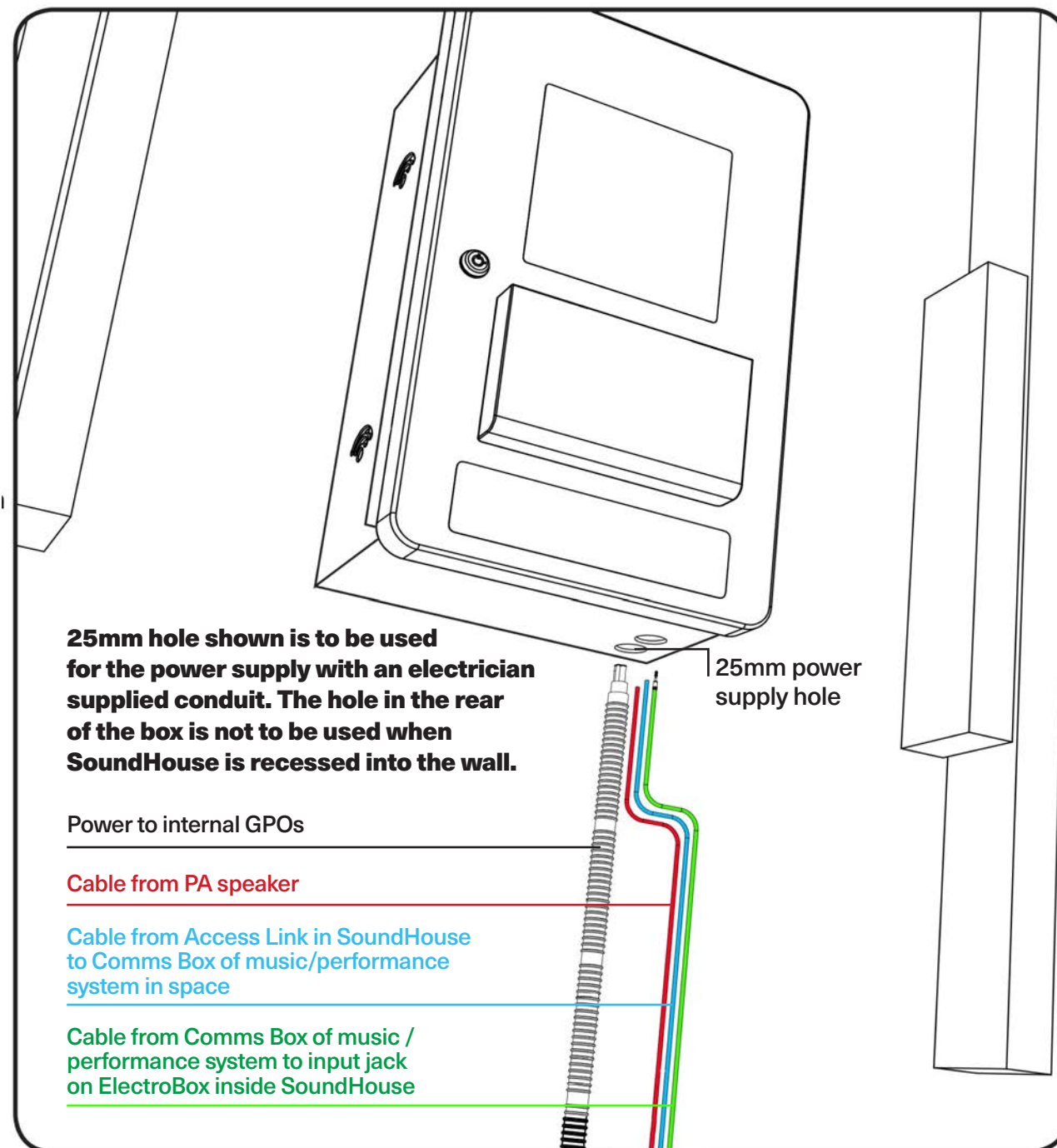
All SoundHouses require connection of power to inbuilt GPOs in SoundHouse. Connection of power to SoundHouses to be done by a registered electrician.

Other cables will require connection as per electrical diagrams. These connections may include cable from PA speaker, cable from AV systems and cables to speakers in the learning space. \*

SoundHouse has holes in its base for recessed installation.

\*Note. Go to Point 2 on Page One for cabling length from AV source to SoundHouse.

**NB. Connect 240v power to first internal preinstalled GPO and parallel cable to two other internal preinstalled GPOs. No extra GPOs required for installation.**



# Installation Instructions



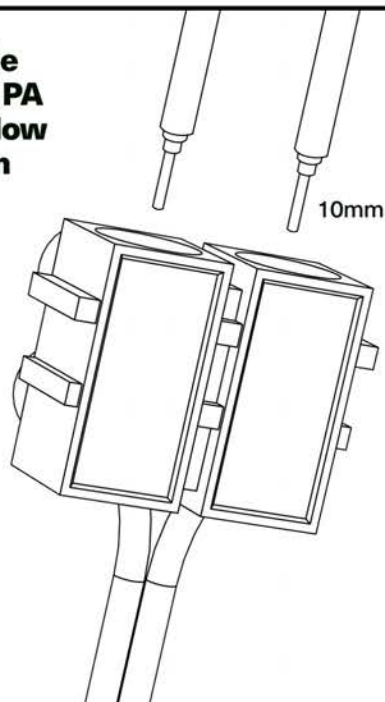
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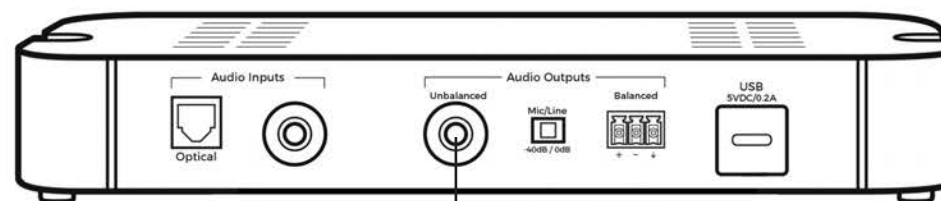
## Cable Connection

If your SoundHouse has  
Access Link/receiver/microphones

**Connect cable**  
**from nearest PA**  
**speaker to allow**  
**augmentation**  
**of PA audio**



See speaker cabling instructions at  
[hearandlearn.com.au/install](http://hearandlearn.com.au/install)



**Output from Access**  
**Link to amp input**  
**in Comms Box for**  
**gym speakers**

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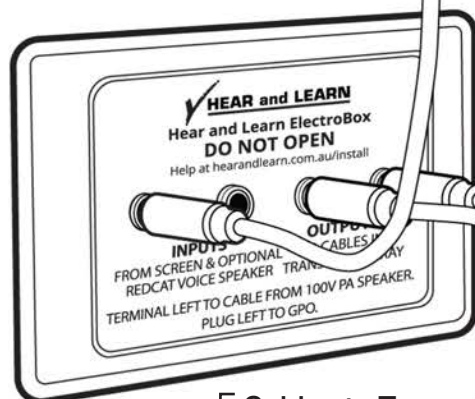
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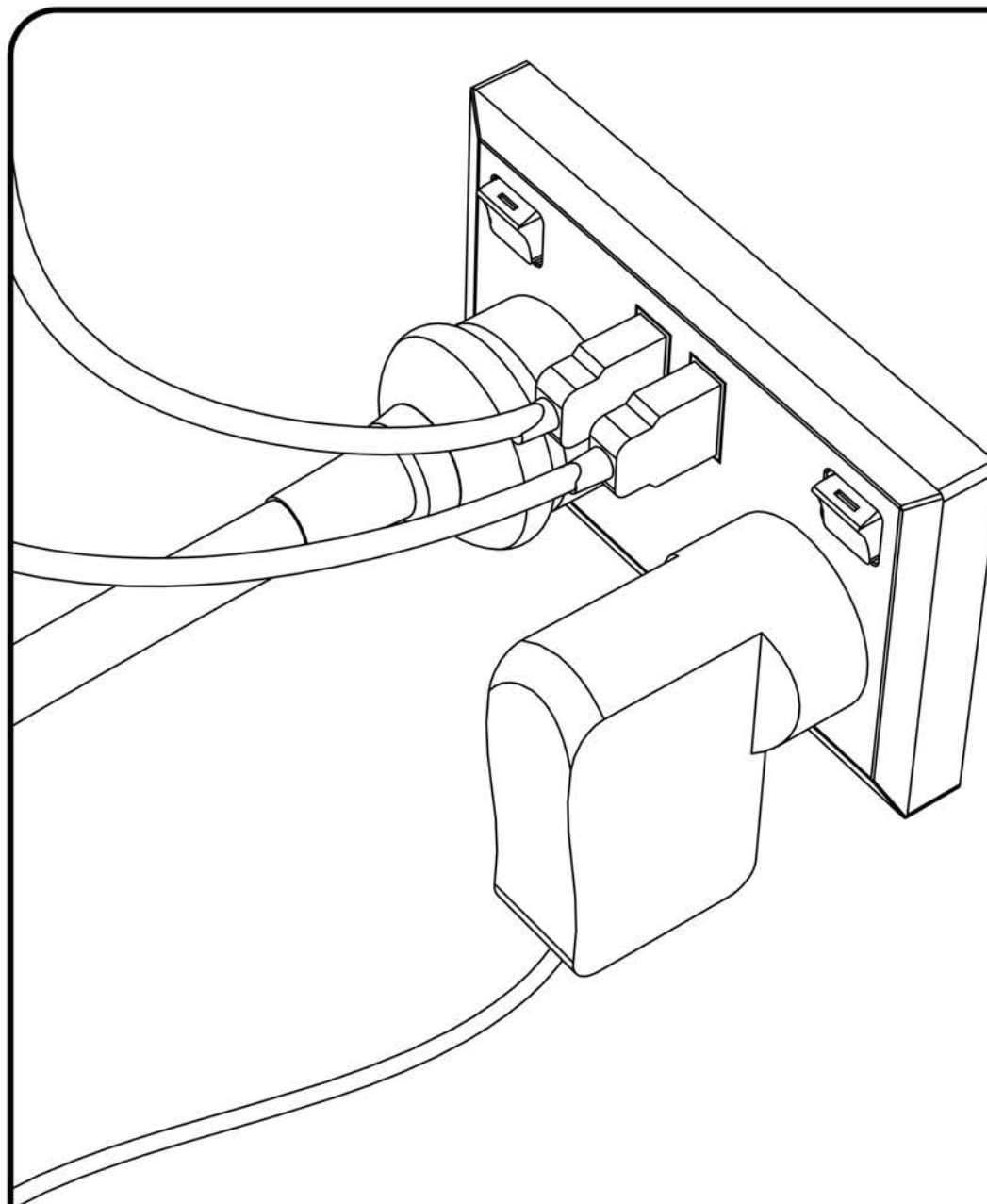
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## Wireless Hearing Augmentation System



www.hearandlearn.com.au

UCoNect

www.hearandlearn.com.au

**Base of sign must be located not less than 1200mm and not higher than 1600mm above the floor or ground surface**

**AND**

**On the wall on the latch side of the door with the leading edge of the sign located between 50mm and 300mm from the architrave; and where this is not possible, the sign may be placed on the door itself.**

**\* Actual language on sign may vary**

