

Installation Instructions



SoundHouse Wall Mounted

 **hear and learn**
all audio to all ears. always.



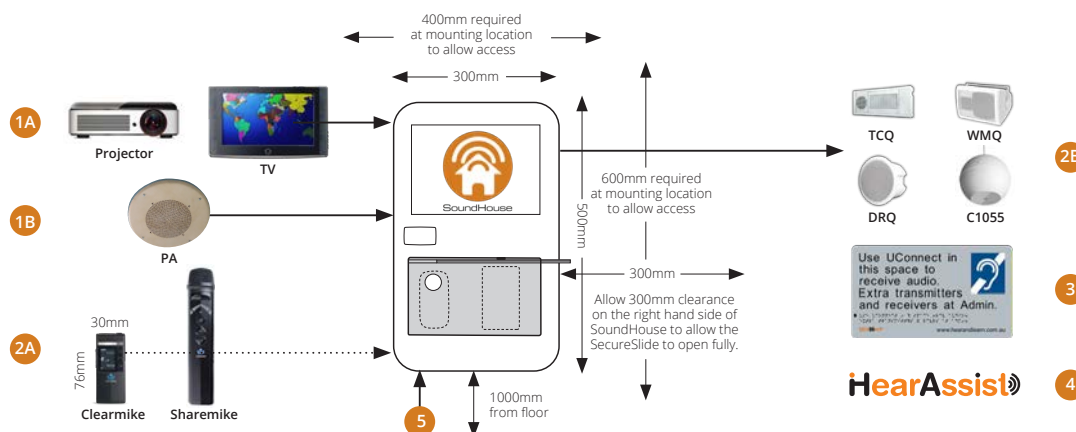
UConnect SoundHouse by hearandlearn.com.au is a bespoke steel cabinet complete with internal electronics, power supplies, labelling and signage for capturing and delivering instructional audio in learning spaces.

There are two versions of the UConnect SoundHouse – our WALL MOUNTED version and our RECESSED version. This document is relevant to installing our WALL MOUNTED version which have a stylised rear body for easy install complete. It is not designed to be recessed into a wall cavity.

Your wall mounted 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.

Additionally, your wall mounted SoundHouse MAY be equipped with SOUNDFIELD facilities. This means electronic Instructional Audio will be delivered by Hear and Learn speakers in the space, and voices will also be captured by Hear and Learn teacher Clearmikes and student Sharemikes

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



1A. For the purpose of Hearing Augmentation, SoundHouse captures and distributes TV/Screen/Projector audio. No additional speaker infrastructure required. If the length of cable from output of TV/Screen/Projector to SoundHouse is less than 10m, use general audio cable with 3.5mm male plug to connect to SoundHouse with suitable connection to TV/Screen/Projector. If length of cable from output of TV/Screen/Projector to SoundHouse is more than 10 metres,

use CAT 5E/6 cable with 3.5mm Stereo Audio Cat5e/6 Extenders at each end for connection to SoundHouse (via 3.5mm male plug) and to TV/Screen/Projector (to suit output of device).

1B. For the purpose of Hearing Augmentation, SoundHouse captures front office messaging/PA. From closest PA speaker, cable from rear of speaker to SoundHouse with suitable connection to TV/Screen/Projector. SoundHouse transforms signal internally – no additional transformer required.

2A. Your SoundHouse may have Soundfield equipment installed. Hear and Learn one piece teacher Clearmike and student Sharemike paired to SoundHouse via 1.9 ghz Dect platform to avoid congestion with other forms of education technology. Microphones are stored and charge within the lockable SoundHouse.

2B. Your SoundHouse may have Soundfield equipment installed and will involve speakers being installed. PLEASE SCAN THE QR CODE (RIGHT) FOR SPEAKER CABLING INSTRUCTIONS

This will involve 2 core, 1.5mm figure speaker cable to Hear and Learn speaker(s) as per design to suit size, shape and ceiling type of learning space. Contact Hear and Learn for installation advice.



3. Braille Tactile signs provided by Hear and Learn. They must be mounted to these compulsory rules: The sign must be located less than 1200 mm and not higher than 1600 mm above the floor or ground surface. Located on the wall on the latch side of the door with the leading edge of the sign located between 50 mm and 300mm from the architrave. If this is not possible, the sign may be placed on the door itself. See Page 12.

4. HearAssist includes local installation assistance, commissioning and staff training.

5. Connection of power to GPO's prebuilt into SoundHouse. No wall GPO(s) required.

See hearandlearn.com.au/hearing-augmentation-solutions

hearandlearn.com.au

UConnect SoundHouse, Mini, Redcat, Redcat, Topcat, Redcat, 975, Redcat and T25 are part of the Hear and Learn technology family

Offices Australia wide (03) 9370 9355

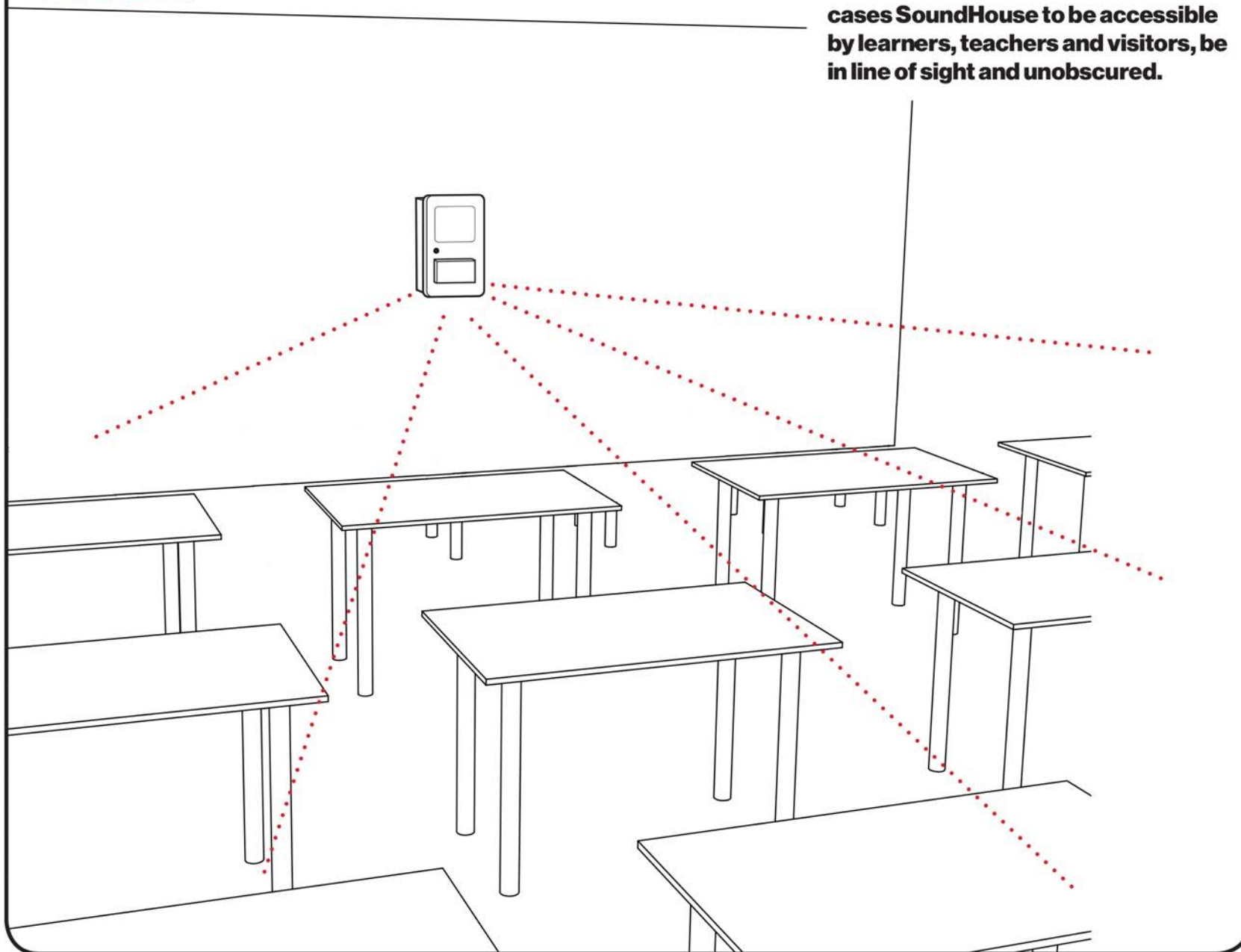
Installation Instructions



SoundHouse
Wall Mounted

*** Position shown for illustration
purposes only**

**Follow directions / drawings of Ar-
chitect / Electrical Consultant. In all
cases SoundHouse to be accessible
by learners, teachers and visitors, be
in line of sight and unobscured.**

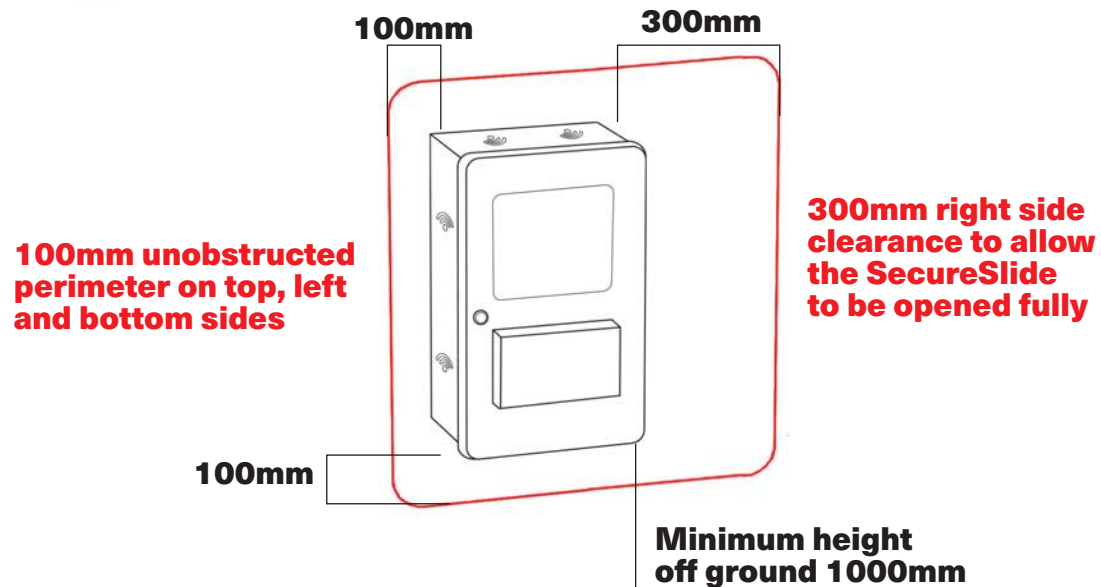


Installation Instructions



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Installation Instructions



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Direct wall mounted *Cable routing*

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 GPO's in SoundHouse. Connection of power to SoundHouses to be performed by electrician.

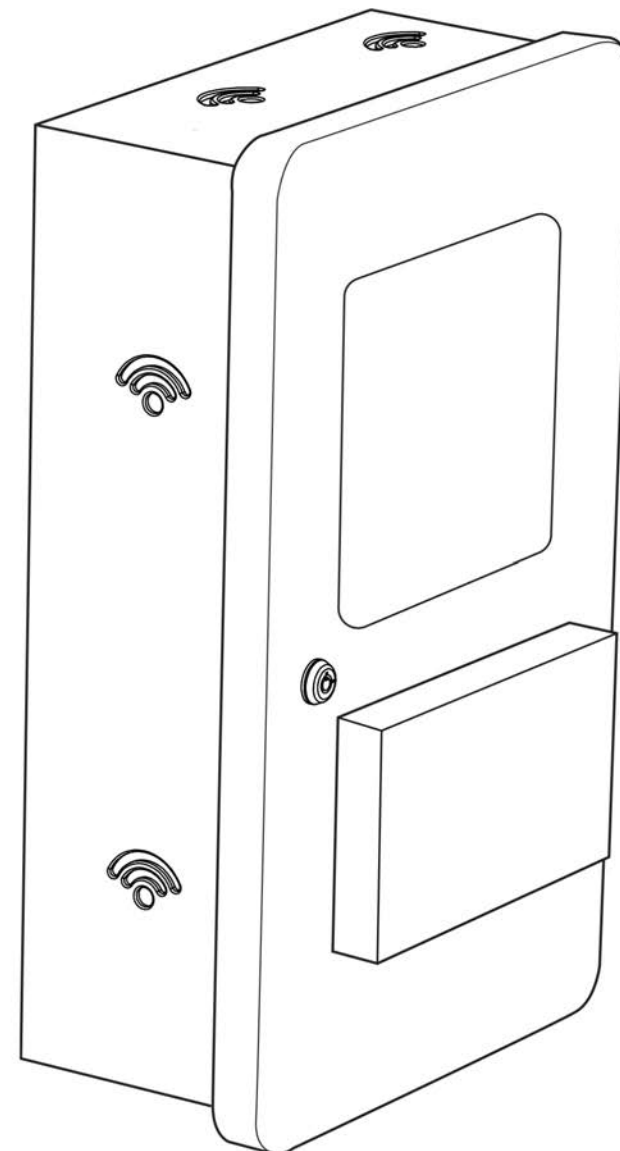
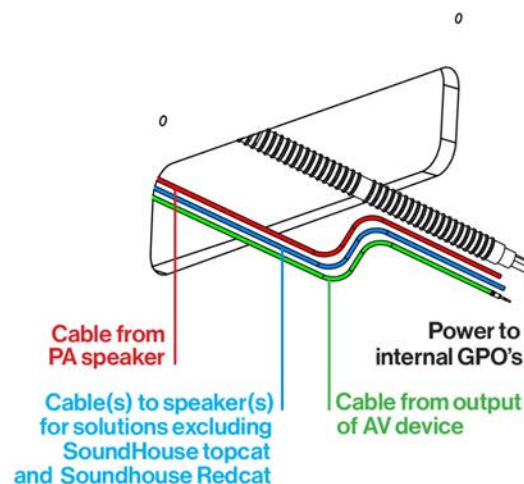
Other cables will require connection as per electrical diagrams. These connections may include cable from PA Speaker, cable from AV systems, and cables to speakers in the learning space.*

SoundHouse has holes in its rear to feed cables to its internals for wall mounting, and holes in its base for recessed installation.

*** NOTE: point 2 on page one regarding 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.**

Rear 25mm hole to be used for power supply with electrician supplied conduit. Hole is rear of Soundhouse not to be used when recessed into wall.



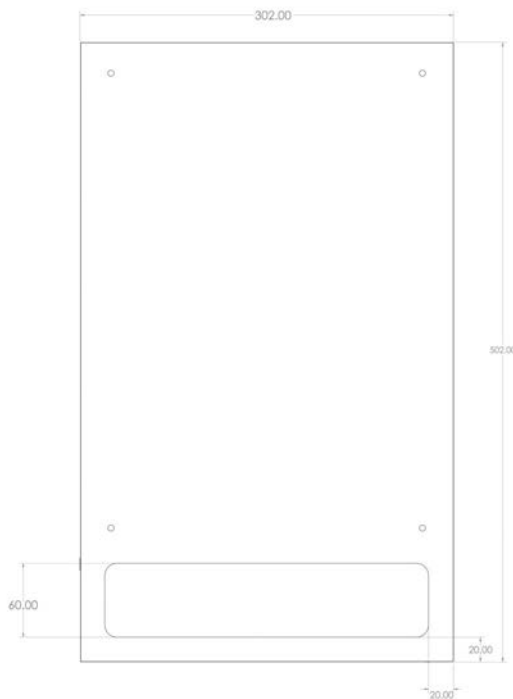
Installation Instructions



SoundHouse

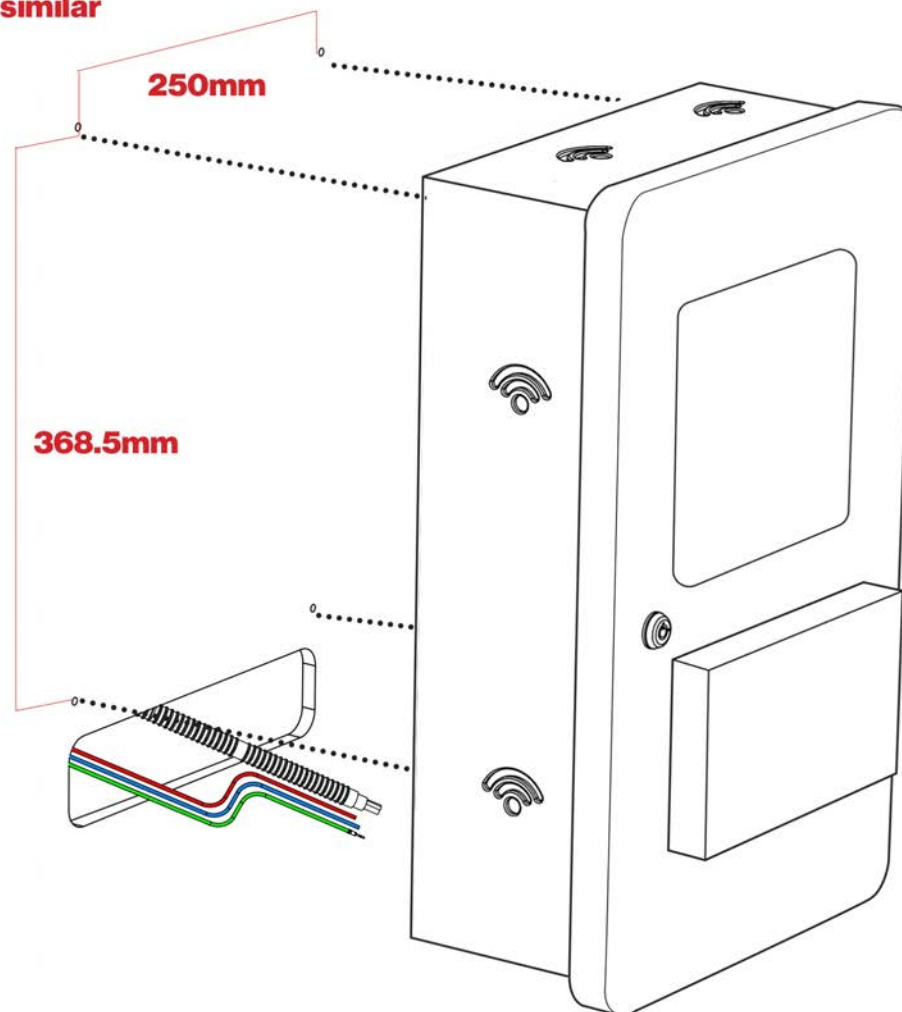
Wall Mounted

Cut out in wall to allow cables of unit



Download installation template at :
hearandlearn.com.au/install

Installer responsible
for ensuring cabinet
is mounted to secure
stud or similar



Cabelling to exit - location
as we determine

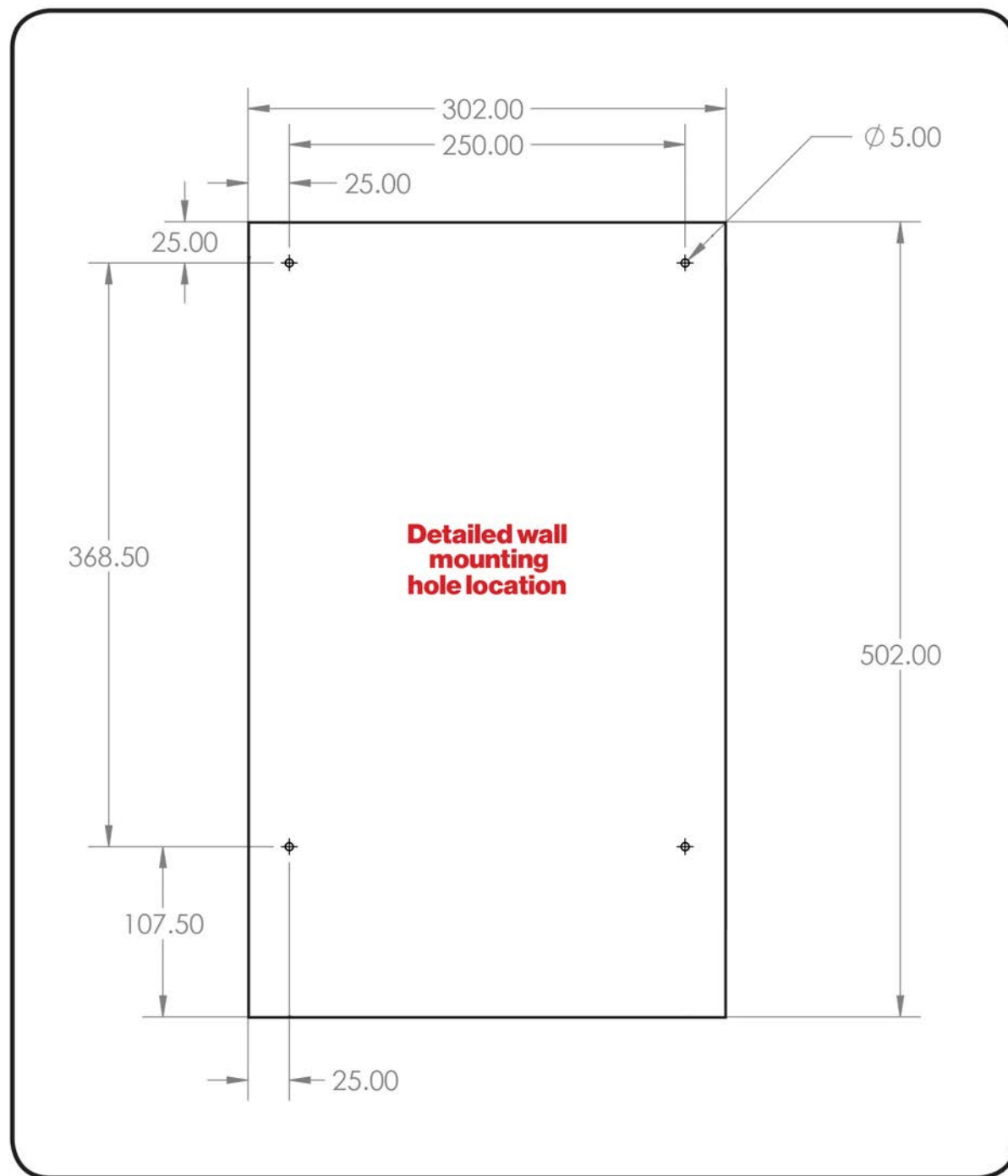
See following page for
detailed wall mounting
hole location

Installation Instructions



SoundHouse

Wall Mounted



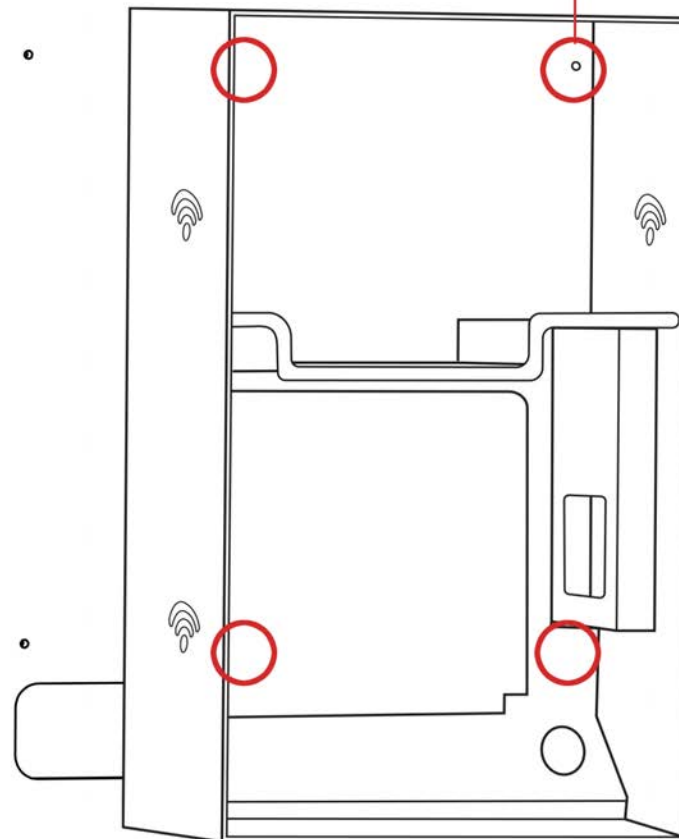
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***Image indicative only.
Internal components
not shown. All care
needs to be taken to
not damage internals
during mounting.**

**Screw fix to wall
from inside at all
four corners.**



Installation Instructions

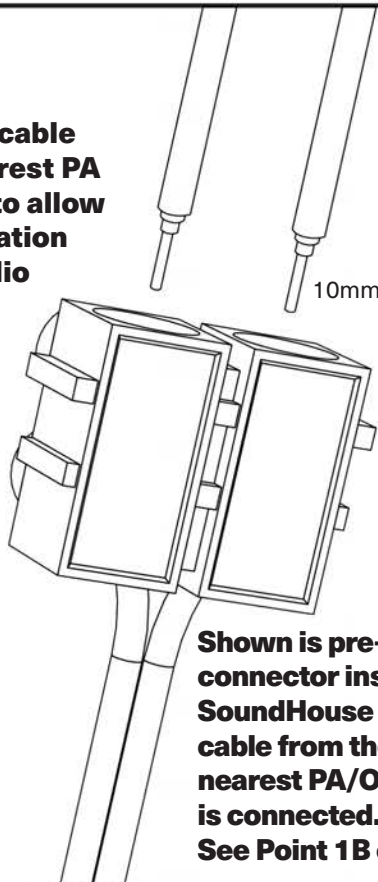


SoundHouse
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Cable Connection

If your SoundHouse has
T25 amp/receiver/microphones

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



Shown is pre-installed
connector inside
SoundHouse to which a
cable from the rear of the
nearest PA/Office speaker
is connected.
See Point 1B on Page 1

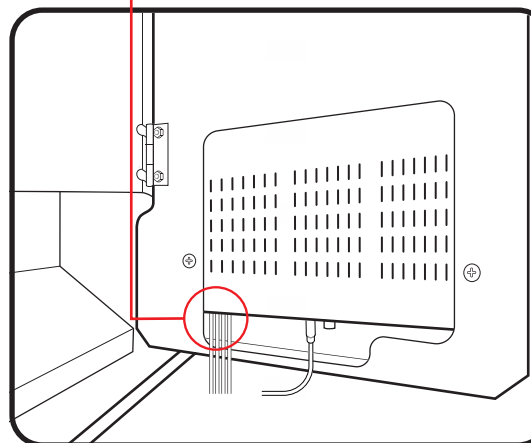
Front of T25 Amp



Back of T25 Amp



Speaker outputs



T25 Amp mounted in SoundHouse
with inner mounting door open to
allow access to the back of T25
amp for wiring.

See Speaker cabling instructions at
hearandlearn.com.au/install

Help



Speaker cable help
hearandlearn.com.au/install

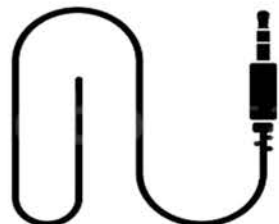
Installation Instructions



SoundHouse
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Cable Connection

If your SoundHouse has
T25 amp/receiver/microphones



Note point 1A on page 1.
3.5mm male plug may be used as an audio extender
depending on cable length
from audio source.

Front of T25 Amp

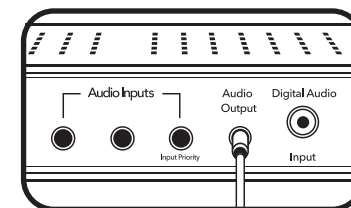
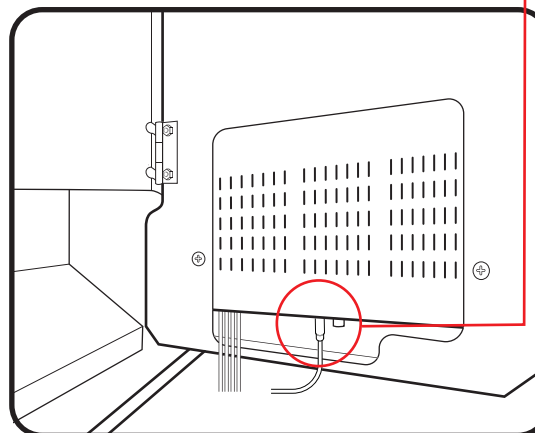


Back of T25 Amp



Connect input from TV, whiteboard or projector device(s) here.

SoundHouse is supplied with a cable pre-plugged into audio output (below) and connected to an input on the ElectroBox.



T25 Amp mounted in SoundHouse with inner mounting door open to allow access to the back of T25 amp for wiring.

See Speaker cabling instructions at
hearandlearn.com.au/install

Help



Speaker cable help
hearandlearn.com.au/install

Installation Instructions

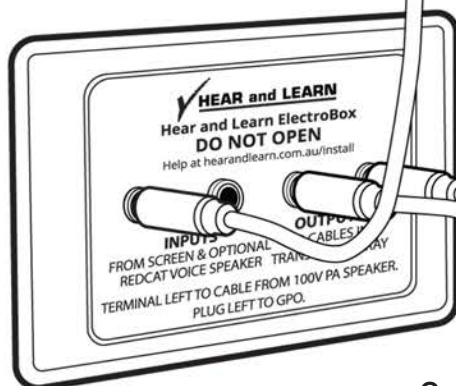


SoundHouse
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Cable Connection

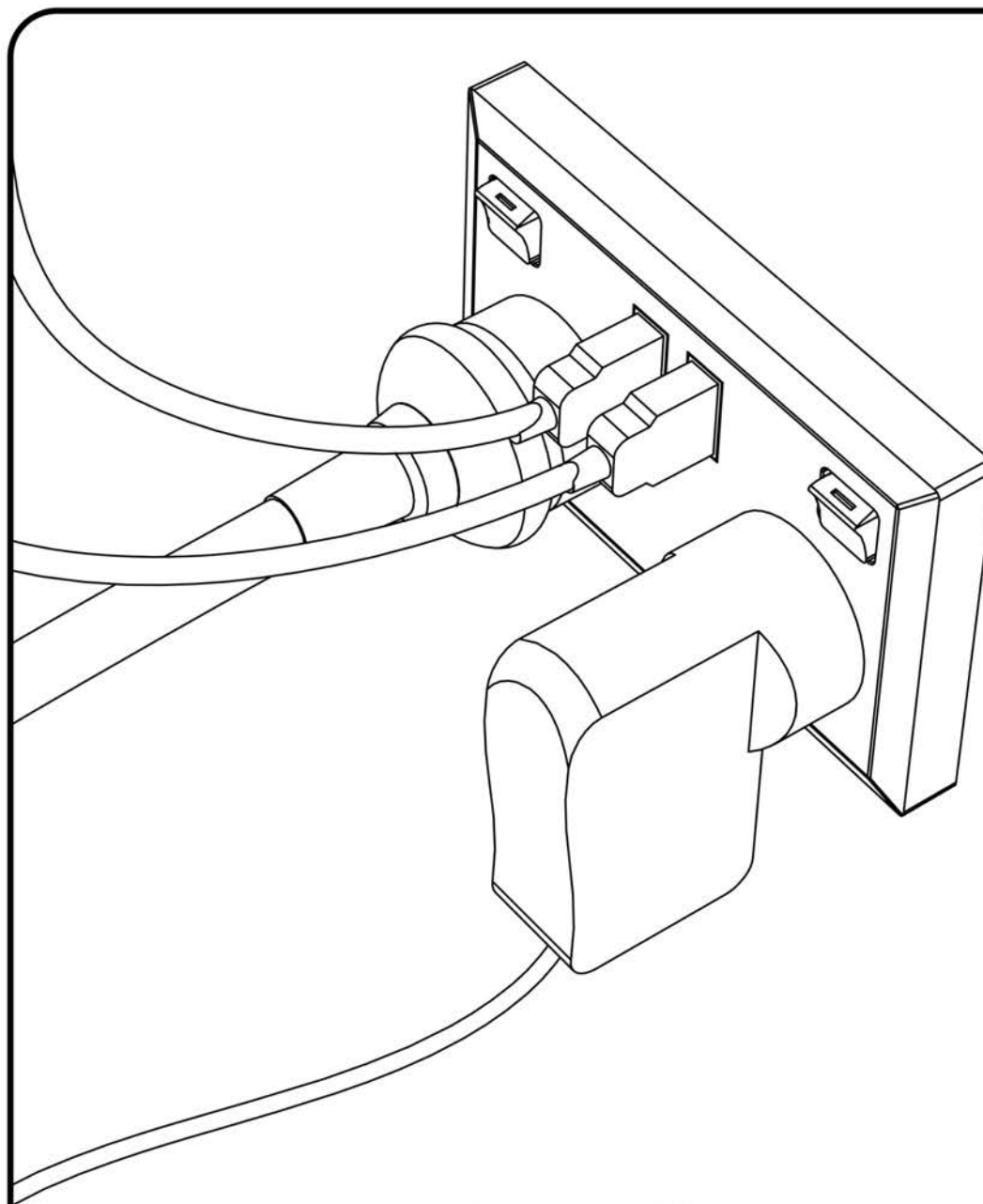
If your SoundHouse has
T25 amp/receiver/microphones

INPUT
Cable from
back of T25



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



SoundHouse
Wall Mounted

Use UConnect in this space to receive audio. Extra transmitters and receivers at Admin.



Use UConnect in this space to receive audio. Extra transmitters and receivers at Admin.

UConnect

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**

