

# Installation Instructions



## SoundHouse Wall Mounted



**HEAR and LEARN**  
CLASSROOM SOUND ENHANCEMENT

**UConnect**

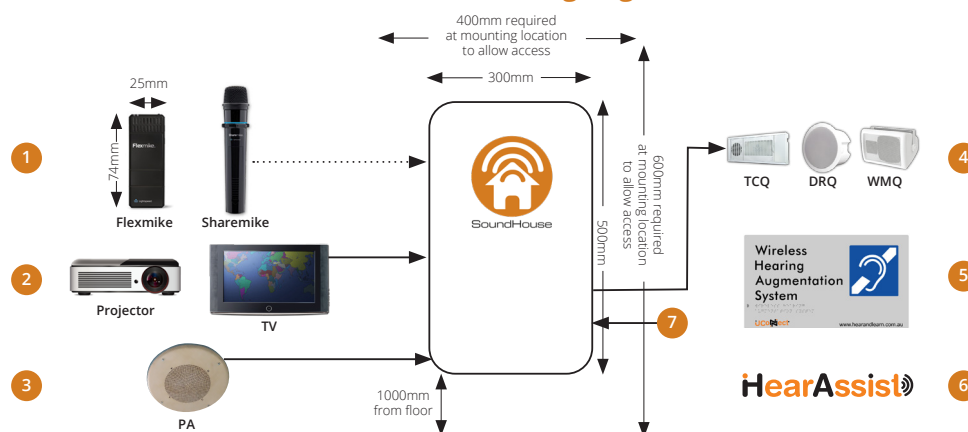


SoundHouse by [hearandlearn.com.au](http://hearandlearn.com.au) is a wall plate system with steel cabinet at rear premade with internal electronics and power supply to collect teacher and student voices, and AV, and broadcast them via discreet speakers to all areas of learning spaces (ie soundfield). SoundHouse also makes all audio (including PA)

available for connection to the different current generation transmitters to receivers in assistive listening devices worn by learners, teachers and visitors (ie hearing augmentation). Learners, teachers and visitors can use their own transmitters, or use those maintained by the School for communal use. In some cases, it is recom-

mended SoundHouse be fitted with permanent transmitters. SoundHouse also offers storage for microphones and teacher devices. SoundHouse is for everyday use by teachers and learners, be unobscured, have easy access and with line of sight of areas of the room. It can recessed into a wall cavity.

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



1. Hear and Learn one piece teacher Fleximike 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 charged within the lockable SoundHouse.

2. 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).

3. From closest PA speaker, cable from rear of speaker to SoundHouse to terminal in SoundHouse. SoundHouse transforms signal internally – no additional transformer required.

4. 2 core, 1.5mm figure 8 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.

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 and
- 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.

[www.hearandlearn.com.au](http://www.hearandlearn.com.au)

UConnect, 955, Redcat, Topcat & SoundHouse are part of the [www.hearandlearn.com.au](http://www.hearandlearn.com.au) technology family.  
Offices Australia wide (03)93709355

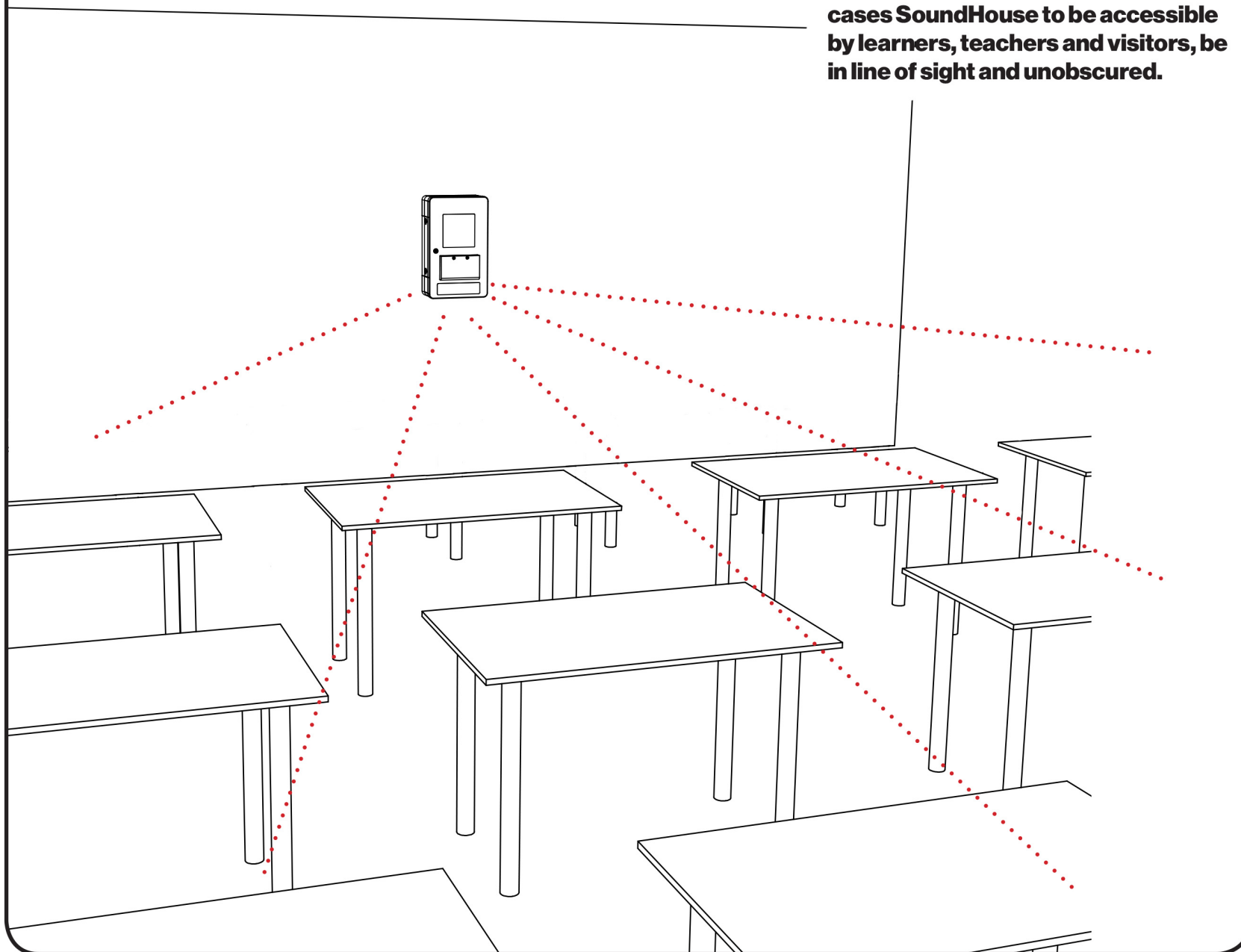
## Installation Instructions



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.**



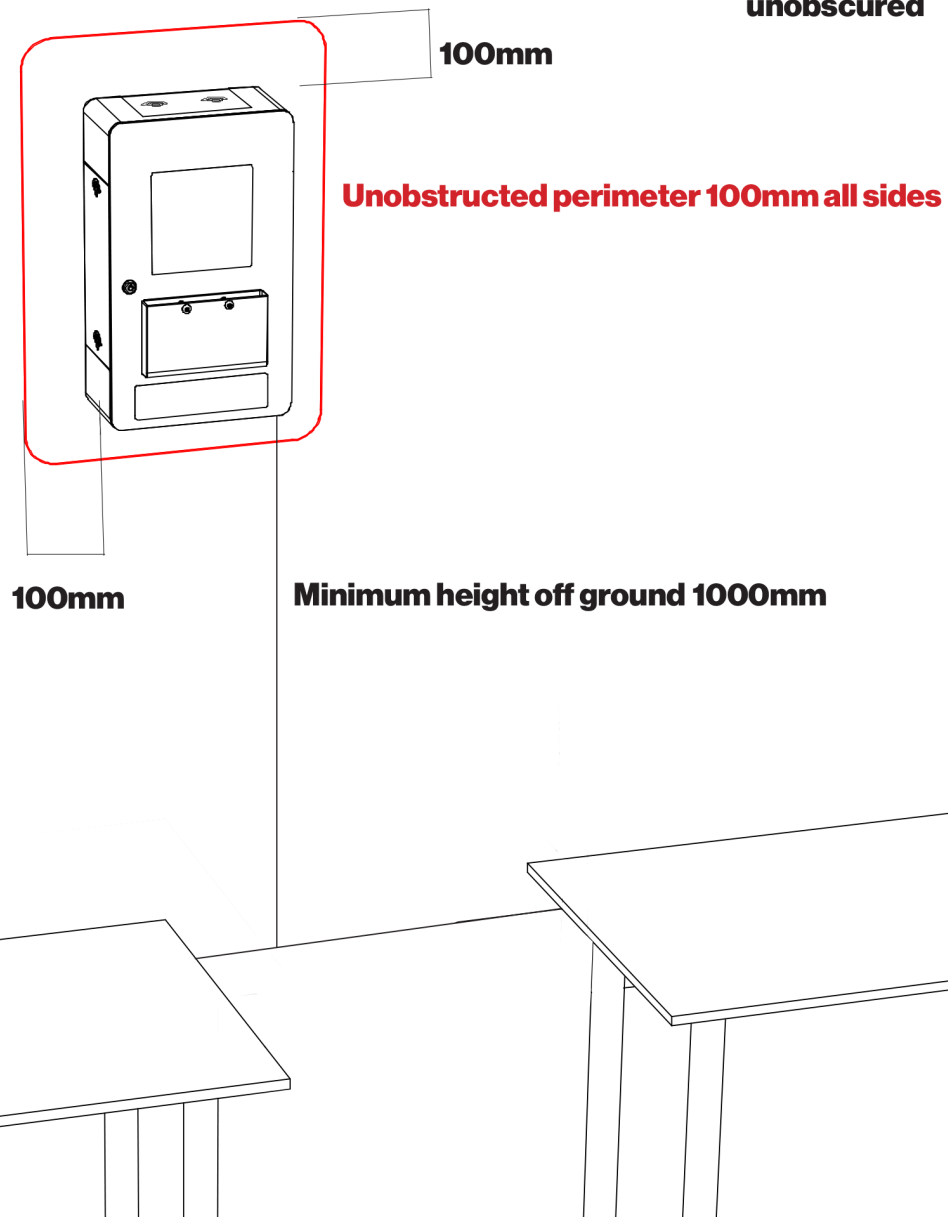
# Installation Instructions



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

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

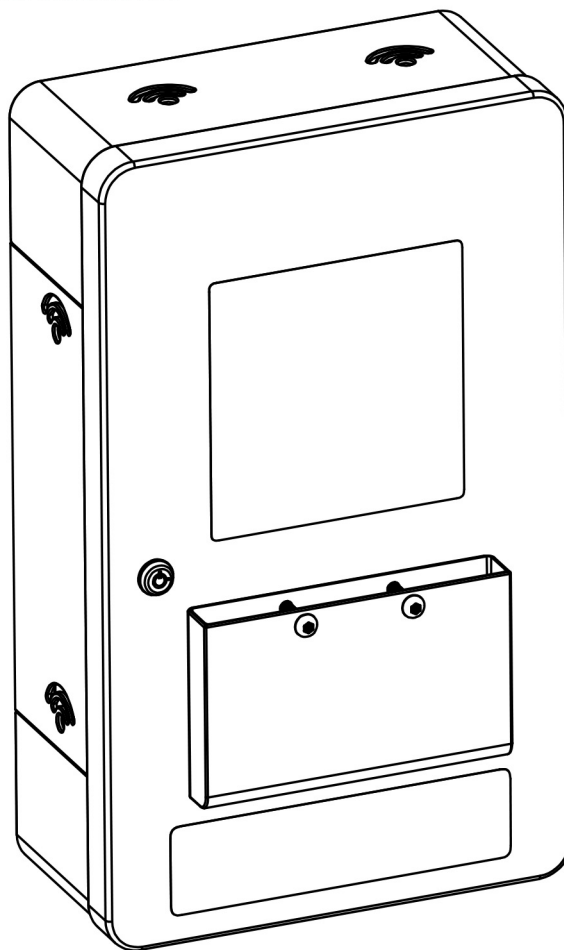


## Installation Instructions



SoundHouse  
Wall Mounted

Direct wall mounted



## Installation Instructions



SoundHouse  
Wall Mounted

### Direct wall mounted Cable routing

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

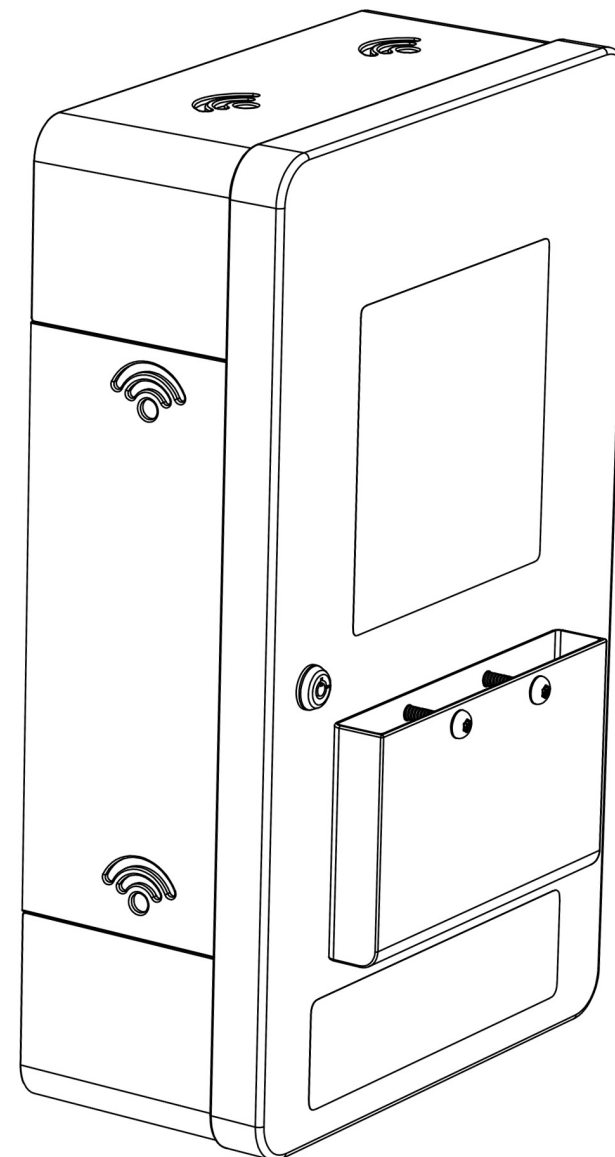
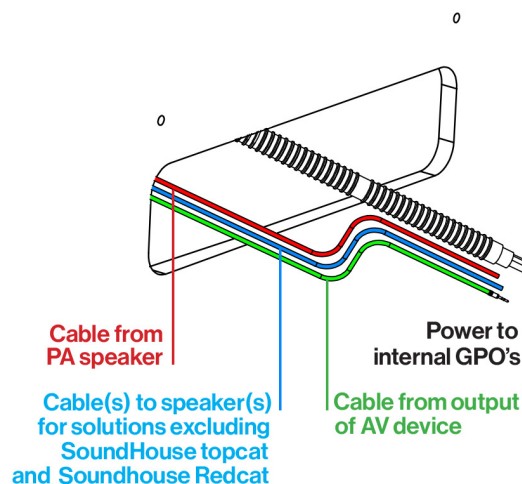
All SoundHouses require connection of power to inbuilt GPO's in SoundHouse. Connection of power to SoundHouses to be performed by electrician.

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.

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.

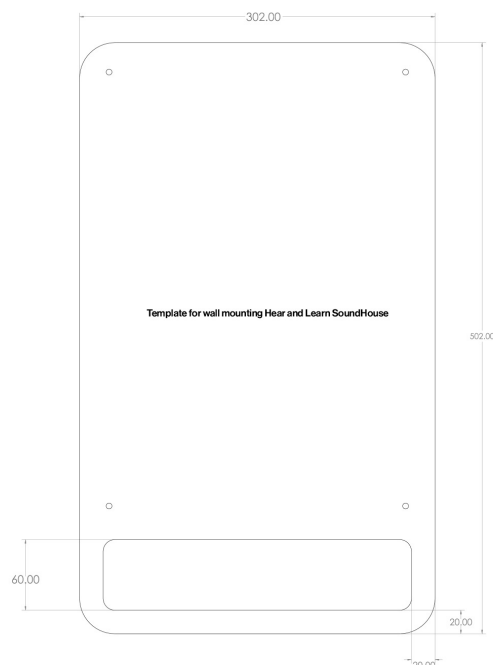


# Installation Instructions



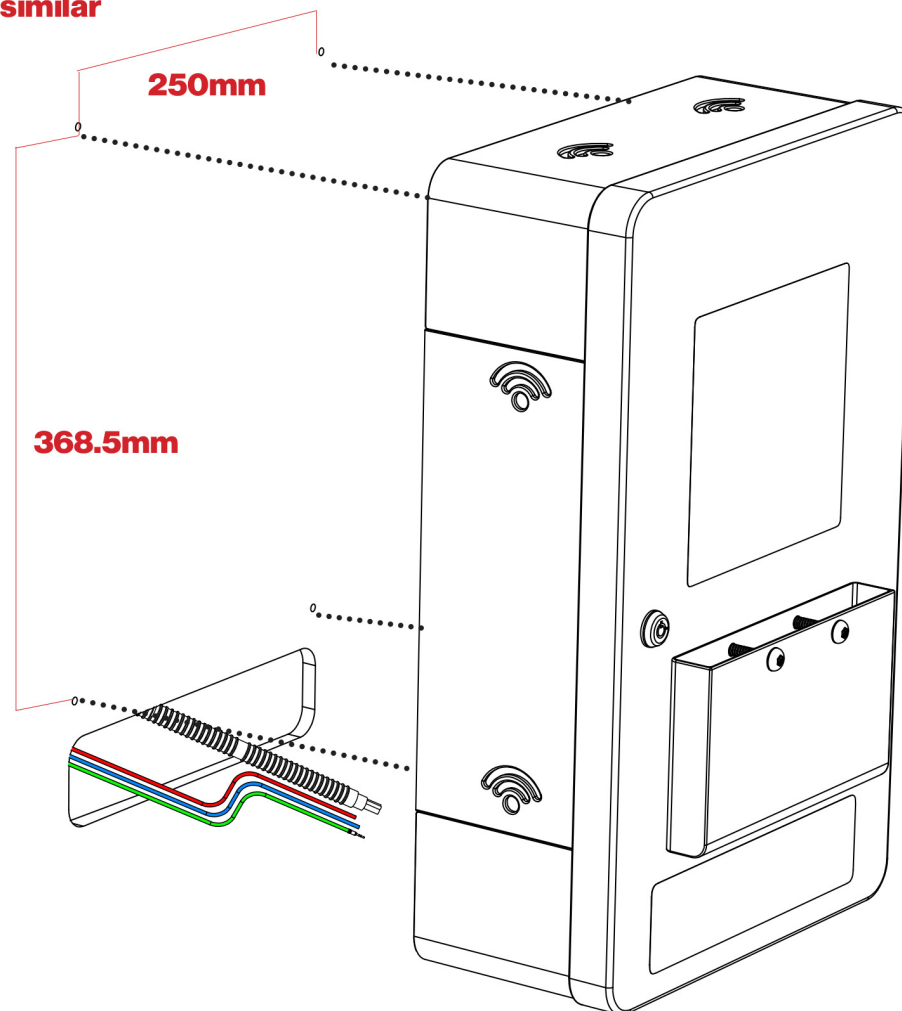
SoundHouse  
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Cut out in wall to allow cables of unit



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



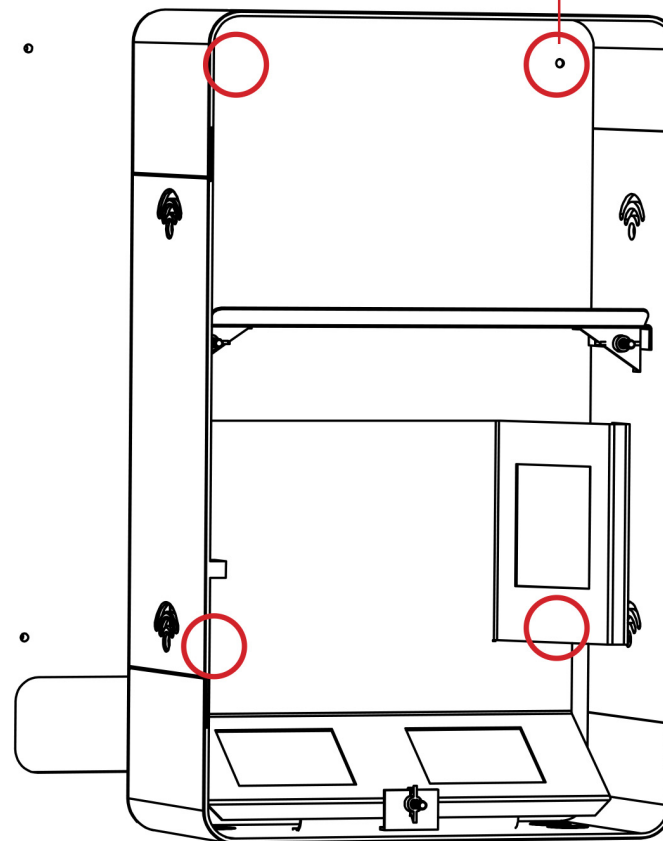
# Installation Instructions



SoundHouse  
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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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### Wireless Hearing Augmentation System



www.hearandlearn.com.au

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**

