

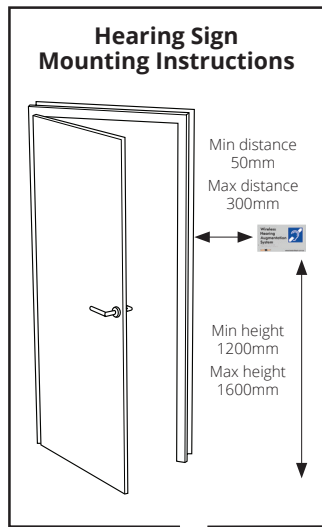
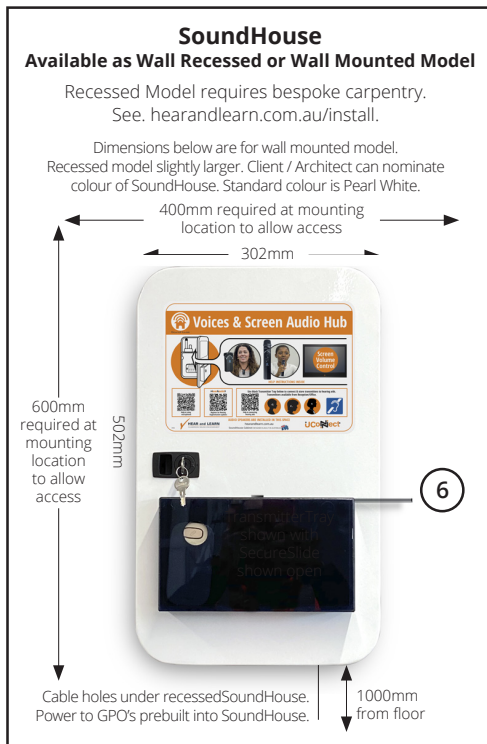


**FOR LEARNING SPACES UP TO 100m<sup>2</sup> WITH CAVITY IN CEILING**  
**SOUNDFIELD (Teacher/Learner voice, Screen Audio Capture & Distribution) AND Agile Hearing Augmentation**

Suggested Specification Wording

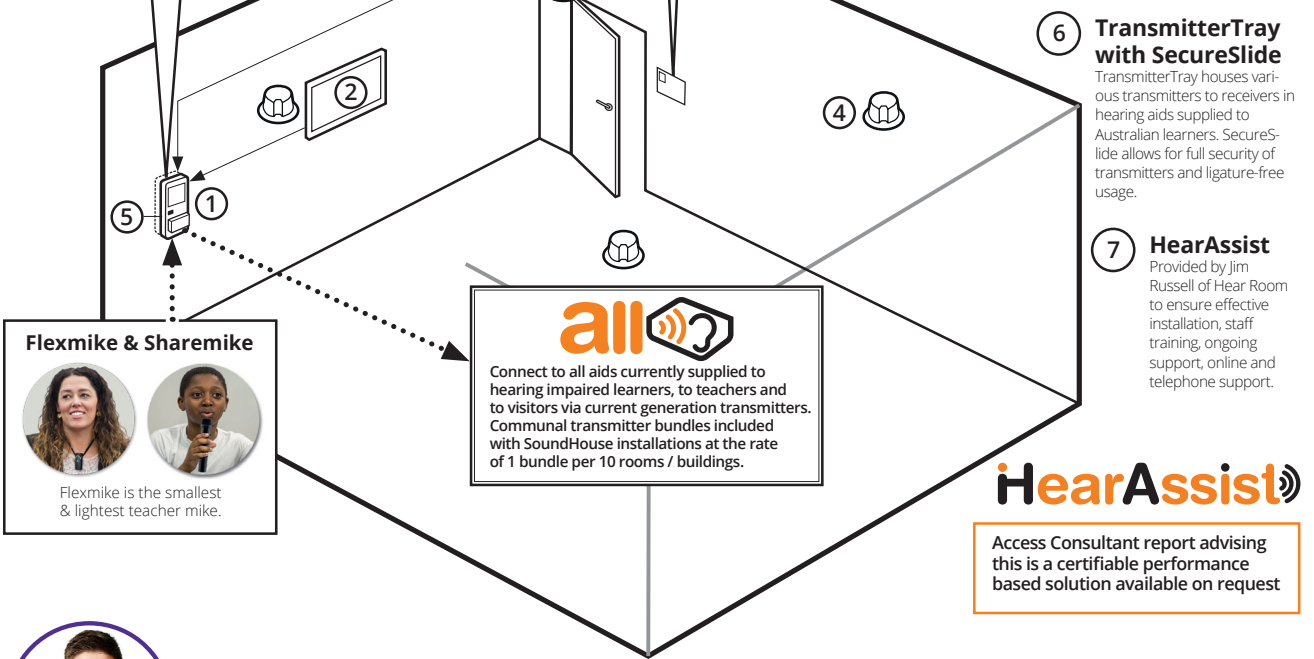
**Hear and Learn SoundHouse Complete with 4 DRQ Speakers, Teacher Flexmike and Student Sharemike**

- A. Unobscured and in line of sight, in-wall cavity installation of bespoke Hear and Learn SoundHouse steel cabinet with lockable door and TransmitterTray and SecureSlide. Electronics and power supplies are contained inside with no visible cabling or GPOs.
- B. Communal transmitter bundles and bespoke instruction documents supplied by Hear and Learn for ownership and maintenance by the School.
- C. TransmitterTray on Hear and Learn SoundHouse connects all transmitters relevant to different brands and types of hearing aid receivers worn by all students, teachers and visitors, provided by Government or privately procured.
- D. HearAssist commissioning offers staff training with associated telephone, email and video conferencing and support provided by Hear and Learn.
- E. Connectivity to transmitters of screen audio, PA office messaging and other forms of audio to achieve augmentation required by BCC, Disability Law and associated Standards as described. [hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Installation-Instructions-for-Wall-Recessed-Sound-house.pdf](http://hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Installation-Instructions-for-Wall-Recessed-Sound-house.pdf) and at [hearandlearn.com.au/install](http://hearandlearn.com.au/install) 'INSTALLATION INSTRUCTIONS FOR WALL RECESSED SOUNDHOUSE'
- F. Compulsory braille tactile signage supplied by Hear and Learn.
- G. Teacher Voice and Learner Voice capture via discreet and light Flexmike and Sharemike microphones, and transmission to amp/receiver avoiding 2.4 GHz.
- H. Four in-ceiling DRQ speakers installed to be no further than 7m from any learner, teacher or visitor. Should ceilings be raked or higher than 4m, a different ceiling speaker may be required. Speakers cable back to SoundHouse as per instructions at [hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Speaker-Wiring-Instructions-for-975-Amp-receiver.pdf](http://hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Speaker-Wiring-Instructions-for-975-Amp-receiver.pdf) and at [www.hearandlearn.com.au/install](http://www.hearandlearn.com.au/install). 'SPEAKER CABLING GUIDE'



- 1 **SoundHouse**  
Power to GPO's prebuilt into SoundHouse. SoundHouse preferred to be in wall recessed Transmitters supplied by Hear and Learn connected and stored as required, or Learners use their own Transmitters
- 2 **TV/Screen/Projector**  
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 10 metres, use general audio cable with 3.5 mm 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 3.5 mm male plug) and to TV/Screen/Projector (to suit output of device).
- 3 **PA Speaker**  
From closest PA speaker, cable from rear of the speaker to the terminal in SoundHouse. SoundHouse transforms signal internally - no additional transformer required.
- 4 **Four DRQ Speakers**  
Speakers cable back to SoundHouse as per instructions at [hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Speaker-Wiring-Instructions-for-975-Amp-receiver.pdf](http://hearandlearn.com.au/wp-content/uploads/pdf/Hear-and-Learn-Speaker-Wiring-Instructions-for-975-Amp-receiver.pdf) and at [www.hearandlearn.com.au/install](http://www.hearandlearn.com.au/install). 'SPEAKER CABLING GUIDE'
- 5 **975 Amp**  
Combined with microphones and speakers connected to media for whole class interaction. Installed inside SoundHouse.

Four Speaker types available to suit all ceiling types and room designs



**HearAssist**  
Access Consultant report advising this is a certifiable performance based solution available on request



Endorsed and supported with HearAssist by Jim Russell of Hear Room

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