

## HEAR AND LEARN QED BUNDLE

### UConnect Mini Hearing Augmentation Solution with Portable Redcat Soundfield

FOR ALL TEACHING AND GATHERING SPACES WITH FIXED AMPLIFICATION SYSTEMS

The Qld QED Design Standards for Department of Education Version 5.0 October 2024 requires:

- HEARING AUGMENTION (HA) IN ALL SPACES WITH AUDIO:** A Hearing Augmentation system "must be installed in any space where it could reasonably be expected that a projector, television, LCD or LED display, or any other device equipped to transmit sound" Page 133  
**Hear and Learn UConnect Mini is designed for easy in-wall install and delivered to site as one complete unit for easy install including all power supplies and electronics.**
- PORTABLE SOUNDFIELD (SF) IN EACH BUILDING:** "A minimum of two sets of amplifiers, wireless transmitters, wireless receivers and wireless microphones per permanent teaching and learning building must be provided. Additional sets should be provided for each location where there will be a higher public presence including reception areas, conference rooms, libraries, gymnasiums and performing arts facilities." Page 133  
**PowerPlate in each room room means easy and safe installation of portable soundfield. Redcat is amplifier and microphone system and comes complete with wireless transmitters and wireless receiver.**
- HA IN PRE-FABS:** The hearing augmentation system "should be designed to allow the system to be extended to prefabricated buildings as they are delivered and installed on site" Page 133  
**UConnect Mini can be installed at construction phase of prefabricated buildings.**
- SIMPLICITY AND RELIABILITY:** HA system must "provide a simple and reliable method of pairing receiving devices with transmitters" and "provide a simple and reliable method of grouping audio inputs and assigning their output transmitters" and "include all amplifiers, wireless transmitters, wireless receivers, wireless microphones, active data equipment and all other equipment and devices required to provide a fully functioning system."  
**UConnect Mini allows for connection of any two transmitters to receivers in aids, two audio inputs (from Screens/TV's), a devoted PA input. When portable Redcat Soundfield installed, easy augmentation of microphones.**
- HA IN NEW BUILDS AND REFURBS:** The Standards "are intended to be mandatory standards applied to all the education facilities owned by the Department of Education and should be applied to all new construction as well as work to existing facilities with exceptions to be approved by the department." Page 14.  
**UConnect Mini is easily retrofitted.**
- SIGNAGE:** "Signage must be installed indicating that a hearing augmentation system is available. This signage must be placed at each of the doors or entries into the space where hearing augmentation is available. The signage must include the international symbol for deafness in accordance with the applicable Australian Standard indicating a hearing augmentation system is provided and must identify the type of hearing augmentation, the area covered within the room and if receivers are being used and where the receivers can be obtained." Page 133.  
**Compliant signage provided.**

SUGGESTED SPECIFICATION WORDING FOR EACH LEARNING AND GATHERING SPACE WITH INBUILT AMPLIFIED AUDIO (IE PA, SCREEN AUDIO) TO COMPLY WITH QED DESIGN STANDARDS:

"PER SPACE WITH SCREEN OR OTHER AUDIO EMITTING DEVICE, HEAR AND LEARN 'UCONNECT MINI' HEARING AUGMENTATION SYSTEM COMPLETE WITH 'POWERPLATE' REDCAT SOUNDFIELD MOUNTING SYSTEM AND BRAILLE TACTILE SIGN. PER PERMANENT TEACHING AND LEARNING BUILDING, TWO HEAR AND LEARN 'REDCAT TRAVEL' AMPLIFIER/RECEIVER/MICROPHONE SYSTEMS COMPLETE WITH WIRELESS TRANSMITTERS AND WIRELESS RECEIVERS. PER SCHOOL WITH A NEW CONFERENCE ROOM, LIBRARY, GYM OR PERFORMING ARTS FACILITY, ONE ADDITIONAL 'REDCAT TRAVEL'."

SUGGESTED SPECIFICATION ARTWORK FOR UCONNECT MINI AND POWERPLATE

**1 UConnect Mini In-Wall Interface**  
Hear and Learn UConnect Mini is a high quality, devoted on-wall interface for connection to a portable or fixed transmitters. Steel construction with securable polycarbonate TransmitterTray free from trip risk with no unsecured cables to power supplies or general power outlets.

**2 TV/Screen/Projector**  
UConnect Mini receives audio from TV/screen/projector for augmentation to receivers in aids. If the length of cable from the output of TV/screen/projector to UConnect Mini is more than 10m, use CAT 5E/6 cable with 3.5mm stereo audio CAT5E/6 extenders at each end for connection to UConnect Mini (via 3.5mm male plug) and to TV/screen/projector (to suit output of device).

**3 Hear and Learn PowerPlate**  
Powerplate with inbuilt GPO and audio plate allows for Hear and Learn portable Redcat to be safely mounted. Supplied with onbody labelling with QR code to online help instructions.

**4 TransmitterTray with SecureSlide**  
TransmitterTray includes power supply cables and audio input cables to connect with the various aids worn by learners, teachers and visitors.

**5 Hearing Sign**  
Required braille and tactile bespoke signage with simple and child friendly operating instructions supplied.

**3 HEAR AND LEARN POWERPLATE**  
See [hearandlearn.com.au/install](http://hearandlearn.com.au/install)  
555mm  
220mm  
1600mm from floor  
Mounted in the middle of longest wall  
Instructional onbody label

**6 HEAR AND LEARN REDCAT TRAVEL**  
REDCAT ACCESS  
Redcat  
406mm  
241mm  
Hear and Learn portable Redcat Soundfield receiver/amplifier/speaker complete with power supply mounts to PowerPlate. Teacher Fleximike and student Sharemike can be paired to Redcat.

FLEXMIKE & SHAREMIKE  
Student Sharemike  
Teacher Fleximike

ONE OF EACH TRANSMITTER RELEVANT TO AIDS WORN BY LEARNERS, TEACHERS AND VISITORS

**PHONAK roger**  
**AURACAST**  
**ReSound**  
T-Switch  
SOFT SHOULDER CARRY CASE

**1 UCONNECT MINI IN-WALL INTERFACE**  
Detailed installation instructions including template  
See [hearandlearn.com.au/install](http://hearandlearn.com.au/install)  
Hole cutout size for basket is H250 x W285 x D95mm  
300mm  
265mm  
4 Connection-ready to all aids  
PHONAK roger  
AURACAST  
ReSound  
T-Switch  
Power to GPO's prebuilt into UConnect Mini. 1000mm from floor

**Installation Help**

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