

It works everywhere you go!

Simply deploy the speaker unit at every room/common space, the pendant microphones will connect wirelessly to each PAS-2 when the users are near. We ensure security access, intellectual power management, no cross interference and most importantly, no setting is required. Systems can be used as portable speakers too.

Features

- ✓ Proprietary digital code transmission
- ✓ 2-ch receivers in-built
- ✓ 3-D sound dispersion technology
- ✓ 28 Watts combined output
- ✓ Wireless bluetooth streaming on demand
- ✓ Nominal output level without feedback: 106dB
- ✓ Hands-free pendant microphone design
- ✓ Optional: Rechargeable battery



Proprietary digital code transmission

Instead of traditional analogue frequencies that are prone to cross interference, PAS-2 uses its own proprietary wireless transmission that comes with its own unique code. This wireless system does not affect by other source of wireless devices including analogue signals, and digital signals from mobile, routers, AP, etc.

2-ch receivers in-built

PAS-2 connects up to 2 pendant microphones for each room by a first-come-first-serve logic. Unlike usual wireless devices, the system will not be interfered by any additional pendant microphone once its has identified the first 2 hosts.

3-D sound dispersion technology

Instead of fixing multiple loudspeakers in a room (more cost involved), PAS-2 has 3 in-built speakers to project the sound evenly in a room. The sound coverage is around 320 degree to the audience. The Virtual Sound Processor (VSP) allows individual audience to hear the same sound output within a 10m x 10m (30 ft x 30ft) room.

28 Watts combined output

To stride the best balance between quality audible sound and excessive sound affecting the next room/s, the combined 28 watts output controlled by VSP, gives the ultimate vocal and music sound reproduction.

Wireless bluetooth streaming on demand

Stream music/speech wireless via Bluetooth to enhance children learning experience. This extra feature allows user to stream sound from their devices. It will not work without the present of the pendant microphone.

Nominal output level without feedback: 106dB

As PAS-2 is a all-in-one system, all factors of sound distribution and frequencies, together with microphone sensitivity are clinically measured to work together for the best result. Thus, it can achieved a good 106dB output without any form of feedback.

Hands-free pendant microphone design

The DPM162U pendant microphone weighs 30g and is easily wearable on the neck. Adjust the lanyard to a comfortable height for sound pick-up. For those whom need more amplification, It can be also used as a hand-held microphone or get the optional DHM-02 USB headset to project a louder voice.

Optional: Rechargeable battery

With individual pendant microphone issued to each teacher, it is wise to enable PAS-2 to be brought out as portable speaker. Simply get the optional LI-ION battery pack for up to 5 hours of usage time. With optional custom made CBS06 Storage Bag with Adjustable Sling, it will come in handy for ad-hoc presentations, outdoor activities and even for oversea trips.

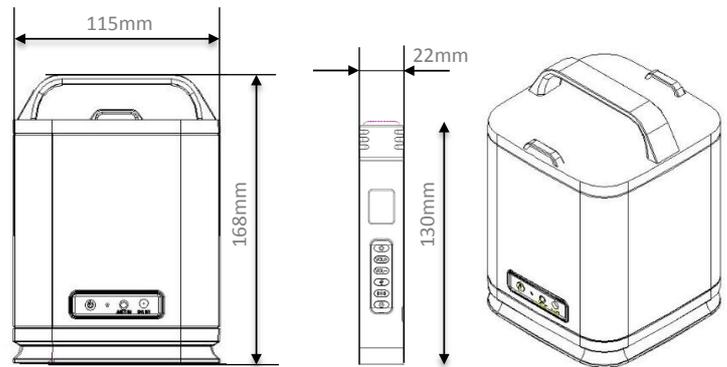
What's in the box

- 1 x iTeach DPM162U Pendant Microphone
- 1 x iTeach CCUSB Charging Cable for Microphone
- 1 x iTeach PAS-2 Speaker Unit (Dual Pairing)
- 1 x iTeach MK15V Power supply 15VDC 4A

Note: Additional DPM162U can be purchased separately.

Optional Accessories

- iTeach DPM162U-S Pendant Microphone Set with charging cable
- iTeach DHM02 USB Headset
- iTeach MK5V Power supply 5V (for Mic)
- iTeach BKT02 Wall/Ceiling Mount Bracket Set
- iTeach Li-ion Pack Li-126000 Rechargeable Battery Pack for Speaker Unit (6000mAh)
- iTeach CBS06 Touring Bag with Sling



Technical Specifications

PAS-2 Speaker Unit

- Pairing Type: Dual Pairing
- Size: 115W x 115B x 168 mm (including handle)
- Weight: 0.95/1kg (without / including battery pack)
- Material: ABS Dark Grey Resin (Housing), Powder coated metal (Metal grille mesh)
- Speaker Drivers: 1 x 6.35mm(Main), 2 x 5.59mm (Side) bridged
- Nominal Power: 20W
- Max. Power: 28W
- Input: 3.5mm (Audio In)
- Power input: 15VDC (included with speaker unit)
- Battery: 12V 6000mAh Pack (Li-126000)
- Bluetooth: Included (ON by command)
- Working Freq.: 2400 ~ 2483.5 MHz
- Modulation: GFSK
- Signal to Noise Ratio : 90dB
- Resolution Ratio: 16 Bits
- Charge Time: 3 hrs (only for portable use)
- Usage Time: 5-6 hrs (only for portable use)
- Standby Time: 24 hrs (only for portable use)

DPM162U Pendant Microphone

- Size: 22 Ø x 130 mm
- Weight: 30 grams
- Capsule Type : Omni Directional Electret
- Transmitting Distance : 20m (Line of sight)
- Pairing Distance: 3-5 m
- Frequency Response : 50Hz ~ 15KHz
- Operating Temp.: -20 ~ 75 °C
- Power Consumption : Around 30mA
- Charging and Usage Time : 30 min ~ 1 hour (Charge), 8 ~ 10 hours (Usage)
- Transmitting Power : 10 dBm
- Sampling Rate : 32kHz

Sound Comes Alive