



Clever Little Box



## Infrared Soundfield System (PACK G)

For use in classrooms with plasterboard/solid ceilings and ideal in adjacent/multi-room applications.

Part No. SOUNDFIELD PACK G

Following the enormous success of our i-ceilings based Soundfield systems in the education sector, CIE-Group's 'Soundfield PACK G' Classroom Voice Reinforcement System has been added to our market-leading Soundfield range.

Though much of the success of our current systems has been based on our unique i-ceilings Sound Panel Loudspeakers, there is now an ever increasing number of systems being installed into classrooms without suspended ceilings.

Therefore, as part of our newly-extended Soundfield range, we have now developed our new 'PACK G' featuring the new CS4500 ceiling surface-mount i-ceilings Soundpanel and our specially developed IRX Wallmount Integrated Amplifier/Infrared Receiver.

Designed to be completely safe and child-friendly, the 20W IRX features infrared wireless microphone technology, line and mic inputs and level/tone control (user controllable), whilst remaining extremely tamper-proof against 'wandering hands'!

The IRX System also allows for integration of induction loop and personal hearing assistance systems, to further enhance voice coverage for all levels of hearing in the classroom.

### features:

- Unobtrusive but effective voice reinforcement in the classroom
- Improved effectiveness of the teaching environment
- Surface-mount solution for plasterboard/solid ceiling classrooms
- Strong, durable and extremely child-safe amplifier/IR unit
- Integrated 20W amplifier and IR receiver
- Newly developed ceiling surface-mount i-ceilings sound panel
- Easily integrated with other classroom/teaching technologies such as induction loops, personal FM hearing assistance systems, interactive whiteboards, DVD, MP3, etc...

### main system includes:

- IRX Wallmount Amplifier/IR Receiver
- IWM-302 Infrared Belt Pack Transmitter & Microphone
- 1 x CS4500 surface-mount i-ceilings sound panel

### infrared beltpack transmitter/microphone:

The Soundfield PACK G features the IWM-302 Beltpack & IT-10+ Infrared Tieclip Microphone as standard.

A choice of headset, collar-worn and handheld microphone options are also available.



### IRX amplifier/IR receiver:

The IRX's in-built amplifier features two inputs; one is at line level allowing the use of remote Outreach input plates such as the APA/APL, the other input controls the level of the internal infrared microphone receiver. An 18v DC supply is available from the amplifier to drive the Outreach plates. Both inputs have their own level control.

The amplifier also includes low impedance loudspeaker output (minimum impedance 4ohms) and a separate line level output and 18v DC supply for use with optional APA/LLO output plate.

The IRX is fitted with high and low tone controls to allow adjustment of the frequency response of the speakers. Frequencies at which the controls operate have been chosen to allow speech clarity to be optimised to the acoustic environment.

All signal connections to the unit are accessible only when the front cover is removed and are of the removable screw terminal type allowing for quick and easy connection.



### IRX specifications:

Model:	IRX:
Rated Output:	20W RMS into 8 ohms
Frequency Response:	100Hz ~ 18kHz ±3dB
THD (at 1kHz):	Better than 0.1% at rated output
Tone Controls:	Low 1kHz ±12dB, High 10kHz ±12dB
Line Input:	500mv, 600 ohms balanced
18V Output:	18v DC, fused at 100mA
15V Output:	15v DC, fused at 500mA
Line Output:	750mv, 600 ohms balanced
Power Consumption:	35W max
Power Input:	230v AC 50Hz via IEC socket
Case:	Grey painted steel
Weight:	4.5 kg
Dimensions:	325(H) x 224(W) x 85(D) mm