



Clever Little Box

IRX Infrared Soundfield System (PACK F)

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

Part No. SOUNDFIELD PACK F

Following the enormous success of i-ceilings based Soundfield systems in the education sector over the past 5 years, CIE-Group announce the launch of the brand new 'Soundfield IRX' Classroom Voice Reinforcement System, which will be added to our market-leading Soundfield range of systems.

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 new 'Clever Little Box' range of UK manufactured installation accessories, the new IRX System features our leading Studio2 conventional wallmount speakers from FBT, together with a new Wallmount Integrated Amplifier and Infrared Receiver developed specifically for Soundfield classroom voice reinforcement.

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
- Wallmount solution for plasterboard/solid ceiling classrooms
- Strong, durable and extremely child-safe amplifier/IR unit
- Integrated 20W amplifier and IR receiver
- 4 x high quality FBT wallmount speakers
- 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
- 4 x FBT Studio 2 Wallmount Loudspeakers

infrared belt pack transmitter/microphone:

The IRX Soundfield PACK F features the IWM-302 Belt pack & 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 \pm 3dB |
| THD (At 1kHz): | Better than 0.1% at rated output |
| Tone Controls: | Low 1kHz \pm 12dB, High 10kHz \pm 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 |

