



Clever Little Box

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 our i-ceilings based Soundfield systems in the education sector, our new 'Soundfield PACK F' Classroom Voice Reinforcement System has been added to our market-leading 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.

The PACK F System features our leading Project 315 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'!



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...

Pack F System includes:

- 4 x FBT Project 315WT Wallmount Loudspeakers
- 1 x IRX Wallmount Amplifier/IR Receiver
- 4 x 03284 Safety Cables
- 1 x IWM-302 Infrared Belt Pack Transmitter
- 1 x IT-10+ Infrared Emitter/Microphone*
- 2 x IS-20A Infrared Sensor
- 3 x EXT Cable 10 10m Extension Cord IS-20A
- 1 x HC-33 Charger for IWM-302
- 2 x AA Batteries for IWM-302
- 1 x AV15276 Phono Coupler

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 or 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 |

www.soundfield.uk.com

 **Soundfield**
Classroom Voice Reinforcement