

The IR-300 utilises reliable infrared transmission and provides excellent integration and exceptional versatility. The two infrared wireless microphone receiver channels provide freedom of movement and allows hands free usage. The four auxiliary inputs offer multimedia integration with even distribution of sound for all audio in the classroom. The two separate outputs provide useful flexibility for assistive listening and/or lessons.

The IR-400 utilises reliable infrared transmission and is loaded with excellent integration and exceptional versatility. The two infrared wireless microphone receiver channels provide freedom of movement and hands free performance. Four auxiliary inputs offer multimedia integration with even distribution of sound for all audio in the classroom and the two separate outputs for assistive listening and recording with active board.

The revolutionary IR-500, the core of the soundfield system, utilises reliable infrared transmission and is designed with excellent integration, multiple functionality and exceptional versatility. The IR-500 has two infrared wireless receiver channels, multiple inputs and outputs, digital equalizer and a 50 watts Class D amplifier. The IR-500 interfaces with computer, broadcasting system, and fire alarm control unit.

IR-300

DUAL CHANNEL INFRARED AMPLIFIER SYSTEM



The IR-300 also has a 5-band equalizer, a 50 watts Class D amplifier and RS-232 control functionality which further enhances its comprehensive integration features. Finally, the IR-300 also interfaces with other applications and services such as computer, broadcasting system, fire alarm control unit and emergency alert system.

- 50-Watts Class D power amplifier
- 4 media inputs for computer, DVD/iPod™, MP3, auxiliary devices and cable microphone
- 2 outputs for both assistive listening and audio recording
- RS-232 control integration
- In the event of fire alarm activation, the IRA-300 system is muted simultaneously which allows clear hearing of any alarm warning
- Page override priority with page pass through to classroom speakers
- Teacher's voice priority – Channel A priority
- 5-band EQ
- Emergency / Panic alert – coordinates with emergency alert system (EAS)
- Ground loop isolator switch for computer input to eliminate hum noise
- Compatible with the Linkx stylish pendant transmitter, T6
- Handy USB Charging port for charging T6 Microphone or other device

IR-400

2-CHANNEL INFRARED RECEIVER AND AMPLIFIER SYSTEM



The IR-400 has 5-band equalizer, a 100 watts Class D amplifier to power up to eight speakers, and RS-232 functionality which accomplish IR-400 a full range comprehensive integration device. It also interfaces with other applications and services such as computer, broadcasting system, fire alarm control unit and emergency alert system.

- Excellent feedback suppression
- Integrated DSP digital signal processing
- Class D power amplifier and in line with Energy Star
- User-friendly and programmable operation
- Quick setup and easy to read OLED display
- USB codec for audio playback and recording
- Remote Microsoft Power Point control via T6r Mic
- Fire alarm first priority
- Page override priority with page pass through to classroom speakers
- Teacher's voice priority- Channel A priority
- Multi-language interface
- 7 -band digital graphic EQ and 17 preset effects - allows user to edit, store and select
- Compatible with the linkx stylish pendant transmitter, T6r, which allows remote control of the overall volume level for all inputs, auxiliary / cable mic devices

IR-500

INFRARED SOUNDFIELD SYSTEM



- Excellent feedback suppression
- Integrated DSP digital signal processing
- Class D power amplifier and in line with Energy Star
- User-friendly and programmable operation
- Quick setup and easy to read OLED display
- USB codec for audio playback and recording
- Remote Microsoft Power Point control via T6r Mic
- Fire alarm first priority
- Page override priority with page pass through to classroom speakers
- Teacher's voice priority- Channel A priority
- Multi-language interface
- 7 -band digital graphic EQ and 17 preset effects - allows user to edit, store and select
- Compatible with the linkx stylish pendant transmitter, T6r, which allows remote control of the overall volume level for all inputs, auxiliary / cable mic devices

What's included

IR-300-NSPK IR-300 - 25w x2 Amplifier Infrared 2-Channel Fixed Installation System plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit

IR-300-Speak IR-300 - 25w x2 Amplifier Infrared 2-Channel Fixed Installation System Plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit and 4 x Wall Mount Speakers

IR-300 IRA-300 - 25w x2 Amplifier Infrared 2-Channel Fixed Installation System

What's included

IR-400-NSPK IR-400 - 25w x4 Amplifier Infrared 2-Channel Fixed Installation System plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit

IR-400-Speak IR-400 - 25w x4 Amplifier Infrared 2-Channel Fixed Installation System Plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit and 4 x Wall Mount Speakers

IR-400 IR-400 - 25w x4 Amplifier Infrared 2-Channel Fixed Installation System

What's included

IRC-570Kit IR-500 - Digital 25w x2 Amplifier Infrared 2-Channel Fixed Installation System plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit

IR-500-Speak IR-500 - Digital 25w x2 Amplifier Infrared 2-Channel Fixed Installation System plus IRM-202AB HandHeld Microphone, T6R Pendant Microphone, IRS-55 Infrared Ceiling Sensor with 15m Cable, CHR-303 Microphone Charger (T6 & IRM202AB), Rackmount Kit and 4 x Wall Mount Speakers

IR-500 IR-500 - Digital 25w x2 Amplifier Infrared 2-Channel Fixed Installation System



IR-300 Specification

Receiver Input	Infrared
Modulation	FM Wide-band
Infrared Wavelength	850 nm
Reception Frequencies	Channel A: 2.08MHz Channel B: 2.54MHz
Tone Signal	32.768 KHz
Frequency Response	40 Hz-18 kHz \pm 3 dB
S/N Ratio	>70 dB
THD	<1% @1 KHz
Nominal Deviation	\pm 10 KHz
Maximum Deviation	\pm 25 kHz
De-emphasis	50 μ s
Connectivity Coverage	2500 Sq. Ft.
Aux Input	(1) DVD, Line level, Dual RCA with +10dB gain control (1) Computer, Line level, 3.5mm with GLI switch (1) Aux, Mic/Line level switchable, 3.5mm (1) MP3, Line level, 3.5mm @ front panel
Aux Output	(1), Line level, 3.5mm ALD (post-fader) (1), Line level 3.5mm REC (post-fader)
Equalization	5 Band \pm 12dB
Amplifier	Class D, Two Amplifiers, 25 Watts ea. (RMS), 50 Watts total (RMS) @4 Ω
Page Over-Ride	Input voltage: 100V-70V-25V Sensitivity: 0-10dB
Fire Alarm	AC/DC 5-24V
Security Alert	Contact Closure N/O, N/C Triggered by T6r
RS-232	Yes
Teacher Priority	Yes
Sensor Inputs	2, RCA type
Charger Output	DC 5V, USB
Power Supply	DC 19V / 3.4A
Dimension	215(W) x 190(D) x 44(H) mm
Weight	740 gs



IR-400 Specification

Receiver Input	Infrared
Modulation	FM Wide-band
Infrared Wavelength	850 nm
Reception Frequencies	Channel A: 2.08MHz Channel B: 2.54MHz
Tone Signal	32.768 KHz
Frequency Response	40 Hz-18 kHz \pm 3 dB
S/N Ratio	>70 dB
THD	<1% @1 KHz
Nominal Deviation	\pm 10 KHz
Maximum Deviation	\pm 25 kHz
De-emphasis	50 μ s
Connectivity Coverage	2500 Sq. Ft.
Aux Input	(1) DVD, Line level, Dual RCA with +10dB gain control (1) Computer, Line level, 3.5mm with GLI switch (1) Aux, Mic/Line level switchable, 3.5mm (1) MP3, Line level, 3.5mm @ front panel
Aux Output	(1), Line level, 3.5mm ALD (post-fader) (1), Line level 3.5mm REC (post-fader)
Equalization	5 Band \pm 12dB
Amplifier	Class D, Four Amplifiers, 25 Watts ea. (RMS), 100 Watts total (RMS) @4 Ω
Page Over-Ride	Input voltage: 100V-70V-25V Sensitivity: 0-10dB
Fire Alarm	AC/DC 5-24V
Security Alert	Contact Closure N/O, N/C Triggered by T6r
RS-232	Yes
Teacher Priority	Yes
Sensor Inputs	2, RCA type
Charger Output	DC 5V, USB
Power Supply	DC 19V / 6.3A
Dimension	215(W) x 190(D) x 44(H) mm
Weight	740 gs



IR-500 Specification

Frequency	CH A , 2.08 MHz / CH B , 2.54 MHz
Frequency Response	40Hz-20KHz \pm 3dB
Signal to Noise	> 70 dB
THD @ 1KHz	< 1%
Amplifier	Class D, Two Amplifiers, 25 Watts ea. (RMS)
Aux Input	(1) Dual RCA, (1) 3.5mm @ rear (1) 3.5mm @ front
Mic Input	(1) 6.3mm @ rear
Aux Output	(1) 3.5mm ALD (post-fader) (1) 3.5mm Rec (pre-fader)
Equalizer	7 Band \pm 1 2dB / 17 preset effects
Page Override	Yes
Teacher Priority	Yes
Fire Alarm	Yes
USB Codec	Two way real time playback and recording
Sensor Inputs	2, RCA
Power Supply	DC 19V / 3.4A
Dimensions	215(W) x 190(D) x 44(H) mm
Weight	770g



Unit E, Reins Mill, Huddersfield Road, Honley, HD9 6NB
 Tel: +44 (0) 1484 664588 Fax: +44 (0) 1484 818086
 info@soundfields.co.uk www.soundfields.co.uk