

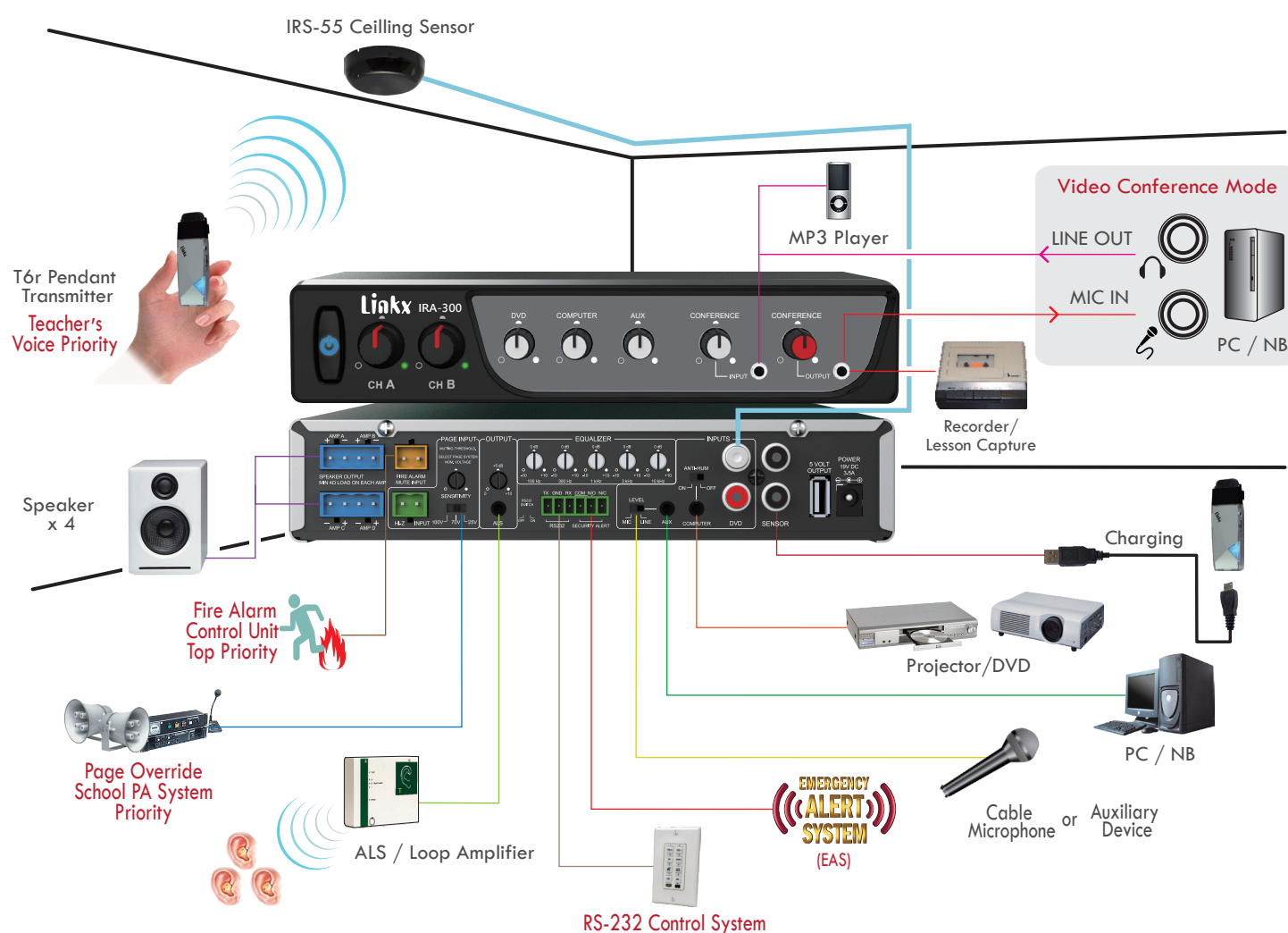
IRA-300 Dual Channel *Infrared Receiver and Amplifier System*

The new Linkx IRA-300 features reliable infrared transmission, excellent integration, and high versatility, ready to support concurrent in-person and online Hybrid teaching and learning. The facelift presents a new color scheme and syncs video conferencing.

Built-in two-channel infrared wireless microphone paired with an ultra-sensitive ceiling-mounted dome sensor renders a 100% reliable microphone signal connection throughout the room. Provides freedom of movement and allows for hands-free performance.

Four auxiliary inputs and two independent outputs provide multimedia integration to complement your presentation material and increase engagement.

Featuring a 5-band equalizer, powerful Class D amplifier and RS-232 capabilities, the IRA-300 is uniquely designed to interface with other applications and services such as computers, broadcast systems, fire control units and emergency alarm systems, making it a superior comprehensive integrated device.



Accessories



Features

- 50-Watt digital hybrid Class D power amplifier, powers 4 x 8 ohm speakers.
- Audio Inputs
 - 3 Media inputs for computer, DVD, and Aux (Mic/ Line level switchable) on rear panel.
 - 1 Aux (conference) input on front panel.
- Audio Outputs
 - 1 Assistive Listening System (ALS) output with level control on rear panel.
 - 1 Conferencing output or as audio recording output on front panel.
- Video Conference Syncw/ EchoGuard
 - Front panel "Conference" input & output: connects to host computer to synchronize classroom audio w/ video conference application.
 - EchoGuard prevents remote audio from being looped back into conference audio.
- Paging system input connection
 - Mutes all audio inputs to allow page to be heard. (Page Mute/Override)
 - Passes page signals to classroom speakers, Assistive listening System, and Conferencing outputs (Page Pass Through). The feature can be turned off when not being used as a life safety audio transmission function.
- Fire Alarm mute - Auto mute audio during fire events
- All input levels (volume up, down and mute) controllable via 3rd party RS-232 devices.
- Teacher Voice Priority - Channel A microphone is given priority over other line inputs.
- Support for triggering panic alarms from the T6r teacher's microphone. Security Alert Contact Connection - Coordination with Emergency Alert System (EAS).
- Enable T6r teacher microphone to remote control volume of input medias.
- 5-band EQ permitting accurate tone correction.
- Charger connection 5V DC USB.
- Digital Feedback Protection (DFG): Reduces the chance of audio feedback.
- Low power standby mode. (automatic and manual activation)

Specification

Receiver Input	Infrared FM
Modulation	Wide-band FM
Infrared Wavelength	850 nm
Reception Frequencies	CH A : 2.08 MHz / CH B : 2.54 MHz
Tone Signal	32.768 KHz
De-emphasis	50 μ s
Nominal Deviation	\pm 10 KHz
Maximum Deviation	\pm 25 KHz
External Sensor Input	Two, RCA
Connectivity Coverage	2500 Sq. Ft.
Aux Input	Rear panel : DVD input, dual RCA, 0dB Rear panel : Computer input, 3.5mm, -10 dB Rear panel : Aux / Mic switchable, Aux level -10dB / Mic level -35dB, 3.5mm Front panel : Conference / Line input, 3.5 mm, -10 dB
Aux Output	Rear panel : ALS output, 3.5 mm, +10 dB Front panel : Conference / Line output, 3.5 mm, +10 dB
Equalization	5 band \pm 10dB
Speaker Output(A)(B)	Class D, amplifiers, 25 Watts ea. (RMS) 50 Watts total (RMS) @ 4 Ω Frequency response 20Hz ~ 20KHz \pm 2dB S/N Ratio > -70dB Output impedance 4 Ω THD+N < 1% @ 1KHz Output connection Two 4-pin Phoenix connectors
Page Over-Ride	Input voltage: 100V-70V-25V w/ Sensitivity level control
Fire Alarm	Contact closure
Security Alert	Contact closure N/O, N/C
RS-232	Yes
Teacher Priority	Yes
Sensor Inputs	Two, RCA
Charger Output	5 Volt DC, USB
Power Supply	DC 19V / 3.43A
Dimension	215 (W) x 190 (D) x 44 (H) mm

