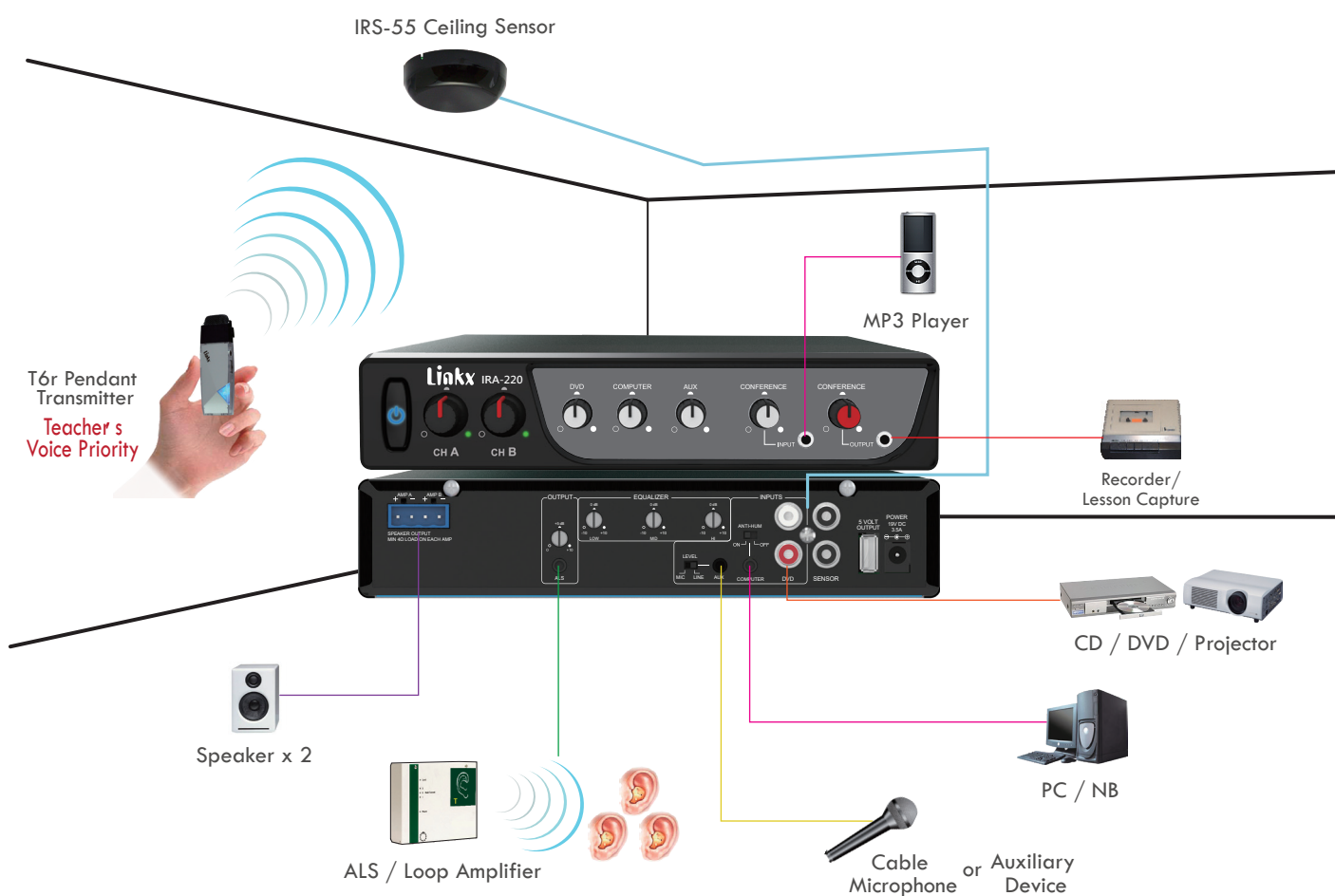


## IRA-220 Dual Channel *Infrared Receiver and Amplifier System*

The IRA-220 is a high performance dual channel infrared receiver Amplifier which clearly delivers excellent sound and is easy to use. IRA-220 provides comprehensive instructional platform with an abundance of key features for your classroom and is the best affordable choice to replace your classroom amplifier. It includes 2 infrared wireless microphones, 4 audio inputs for computers, DVD/Projector or TV units, and 2 audio outputs for connecting assistive listening system and lesson capture recording, and further supports audio synchronize for Hybrid teaching and learning.

The internal architecture of IRA-220 also includes 3-band eq., 50 Watts class D power amp and 5V USB charging output to charge teacher's infrared mic.

A 4th audio source can be added using the T6r teacher's mic. Now, you can easily connect the mic in hand to your mobile phone, select your favorite music, wirelessly stream it to the IRA-220 system and broadcast it through the speakers, without the need for additional wires.



### Accessories



### Features

- ▶ 50-Watt digital hybrid Class D power amplifier, powers 4 x 8 ohm speakers.
- ▶ 3 Audio inputs for computer, DVD and Aux input (Mic / Line level switchable) on rear panel and 1 Audio input on the front panel.
- ▶ 2 audio outputs, one for Assist Listening System (ALS) output with level control on rear panel and the other for lesson capture recording on front panel.
- ▶ Hybrid teaching and learning capability.
- ▶ Teacher Voice Priority - Channel A microphone is given priority over other line inputs.
- ▶ Volume of incoming media can be controlled remotely via the T6r teacher microphone.
- ▶ 3-band EQ permitting accurate tone correction.
- ▶ Charger connection 5V DC USB.
- ▶ Digital Feedback Protection (DFG): Reduces the chance of audio feedback.
- ▶ Accommodates up to 2 ceiling sensors for increased mic reception coverage.
- ▶ Power sleep mode to conserve energy.

### 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 μs
Nominal Deviation	± 10 KHz
Maximum Deviation	± 25 KHz
Sensor Input	Two, RCA
Connectivity Coverage	1,600 Sq. Ft., 50 ft. line of sight
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	3 band ± 10 dB
Speaker Output(A)(B)	Class D, amplifiers, 25 Watts ea. (RMS) 50 Watts total (RMS) @ 4Ω Frequency response 20Hz ~ 20KHz ±2dB S/N Ratio > -70dB Output impedance 4Ω THD+N < 1% @ 1KHz Output connection One 4-pin Phoenix connector
Power Supply	DC 19V / 3.43A
Dimension	215(W) x 190(D) x 44(H) mm

