

IRA-87 2-Channel Infrared Soundfield System



The IRA-87 is a 2 channel infrared receiver amplifier/mixer with 2 auxiliary inputs for Computers, DVDs or even an iPod/Mp3 player, along with page pass-through, a 5-band equalizer, and a 32 watt amplifier. It is the core of a sound-field system for use in the classroom, corporate boardroom or secured briefing rooms up to 2,500 sq. ft. that may require up to 4 speakers. IRA-87 also features an output for recording the day's lessons.

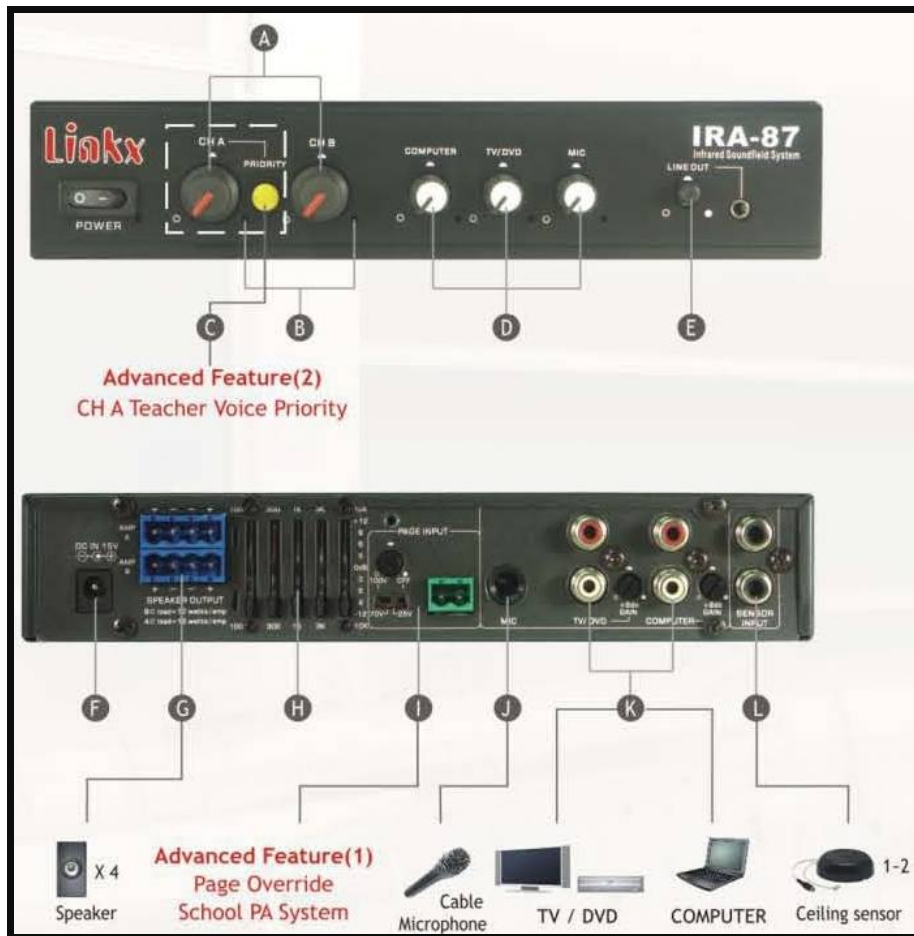
Features:

- Two infrared wireless microphone receivers.
- Channel A priority (Teacher priority).
- Two power amplifier: 16-watt each.
- Two stereo auxiliary inputs for computer, DVD or Video Projector.
- Addition Aux input gain, adjustable.
- One cable microphone input.
- Page Over-ride with Page Pass through to classroom speakers.
- Five-band equalizer with security cover.
- Front panel audio output for personal FM system with gain control (3.5mm).
- Record output (line level, pre-fader).
- Rack or shelf/wall mounting kits (optional).

Standard System Configuration:

- IRA-87 infrared receiver amplifier x 1.
- T6 Pendant transmitter x 2.
- IRS-55 ceiling sensor with 15m cable x 1.





A Microphone Volume Control
B IR Indicator
C CH A Priority Button
D Auxiliary Volume Control

E Line Output
F DC Input
G Speaker Outputs
H Five Band Equalizer

I Page Input with Override Priority
J Microphone Input
K Audio Inputs
L External Sensor Inputs

Specifications:

Carrier Reception	Infrared
Reception System	Heterodyne
No. of Channel	2
Frequency	CH A: 2.08 MHz / CH B : 2.54 MHz
Infrared Wavelength	850 nm
Modulation	FM
De-emphasis	50µS
Nominal Deviation	±10KHz
Maximum Deviation	±25KHz
External Sensor Inputs	2, RCA type.
Amplifier Output	(Two Amp) 32W total 12W ea. into 8Ω load / 16W ea. into 4Ω load
Equalizer	5 Band, ±12dB
Aux Inputs	2 Aux inputs, Line Level 300mV/ 47kΩ w/ +6dB gain, 1 Mic input , Mic Level 6mV/ 600 Ω
Front Panel Output	Line Level w / gain (pre-fader)
Page Input	Speaker Level: OFF, 25, 70, 100v
Page Pass Through	Switchable w/ gain control
Frequency Response	40Hz -18KHz, ±3dB
SIN Ratio	>70dB
THD	< 1%@ 1 KHz
Power Supply	DC 15V / 2.8A, 42Watt
Size	215(W) x 190(D) x 44(H)mm
Weight	Approx. 1.22kgs