

IRA-87

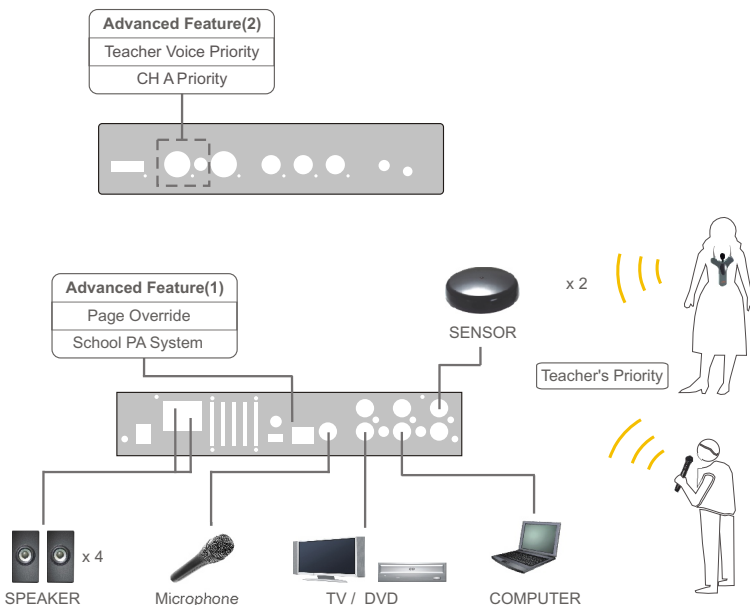


Infrared Soundfield System



Enjoy Better Learning & Communication

The IRA-87 is designed for plentiful multimedia expansion and helpful to present enriched performance on educational, cultural and recreational activities. The idea of two infrared wireless microphones utilizes the interactive of orator and listener. Computer, TV/DVD, and other auxiliary devices are all possible to linkup to the main receiver unit through our unique vigorous connecting interface, and the external auxiliary sound sources may together deliver and create superior comfort timbre with orator's sound. IRA-87 reinforces nowadays the demands of technology integrated classrooms, secure classified briefing areas, training facilities, and any size presentation environments.



Features:

- The new enclosure will be a standard one-rack space high and a half rack space wide. A rack kit for rack mounting and a kit for under shelf mounting will be available. With rubber pads for free stance installation.
- Amplifier: Features two 16-watt (RMS) amplifiers into a 4ohm load. This will enable you to connect two 8ohm speakers in parallel with one home run to each amplifier for more efficient four speaker installation.
- Two IR receivers for simultaneous use of two IR microphones with individual volume controls.
- CH A Teacher Voice Priority Function, Teacher's Microphone(CH A) overrides all other audio sources except Page input.
- Two IR sensor inputs if an additional sensor is required for broader or remote area coverage.
- Two stereo auxiliary inputs (line level) with +6db gain control for added sensitivity to facilitate various media inputs; DVD, Computer, VCR, Video Projector, etc.
- Wire microphone input with volume control at the front.
- Stereo line output (pre-fader) for recording or feed to another media device.
- Front panel line output (3.5mm) with a gain control for individual hard of hearing system (ALS).
- Page Override (muting) with Page Pass through the classroom sound field system. Selectable Input: OFF, 25, 70, or 100 volt speaker level with adjustable gain control.
- Five band equalizer for optimum vocal clarity and room acoustic compensation.

Recommend Applications:

- Educational : Classroom, Cafeteria, Indoor gym
- Corporate : Meeting Conference room,
- Entertainment : Karaoke house, Indoor amusement, Recreation center
- Religious : Church, Religious house, Temple
- Art center : Museum, Art gallery, Library
- Government facility : Court house, Government office, Military base, Information section

Linkx

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SSS a sincere concern for user

Secure

A solution to against eavesdrop, LINKX provides other alternative to RadioFrequency system, an ideal solution to secure private conversation and content against interception.

Safe

Interference free. Because infrared does not have the penetrability, the user does not need to worry outside frequency disturbance, and the speech will not be interrupted by external signal created.

Sanitation

The user may have his own microphone and may carry freely to other room which has LINKX infrared system installed. Eliminate the worry of hygienic concealed when using public microphone.

CH A Priority Button

Teacher Voice Priority Function-Press this button, Teacher's Microphone(CH A) overrides all other audio sources except Page input.



Dual Channel Microphone Controls

Infrared Microphone Receiving Status Indicators

Auxiliary Volume Control Controls the level of computer, TV / DVD, MIC, and any other secondary sound sources connected.

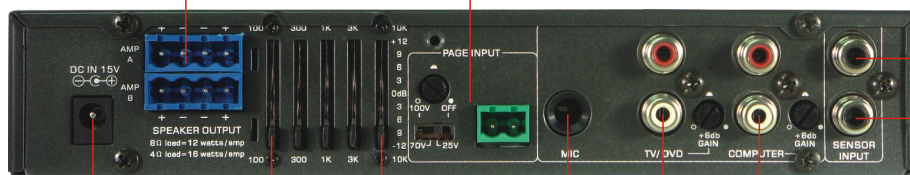
Front Panel Line Output Line output with gain control.

Speaker Outputs and Level Controls

The 2 Euro-block speaker terminals allow to drive 4 speakers simultaneously.

Page Input with Override Priority

When the school P.A. system broadcasts an announcement, the signal from the P.A. system mutes the inputs to the IRA-87 and passes the page announcement signal through the IRA-87 amplifier and speakers. Selectable Input: OFF, 25,70 or 100 volt speaker level with adjustable gain control.



DC Input DC15V / 2.8A 42watt

Five Band Equalizer With ± 12 dB

Microphone Input Wire microphone could be used as an arrangement when an additional orator join the presentation.

Audio Inputs with Individual +6dB Gain Control Computer, TV / DVD, and other auxiliary devices are all possible to link to the main unit and deliver their sound through the speakers. With +6dB gain control for added sensitivity to facilitate various media inputs

2-External Sensor Inputs The receiver will function by connecting only one sensor. Connected additional sensors improve reception and cover larger space.

Receiver

Receiving Method	Infrared FM Modulated
No. of Channel	2
Frequency	CH A : 2.08 MHz / CH B : 2.54 MHz
Infrared Wavelength	850 nm
Modulation	FM wide-band
De-emphasis	50 μ S
Nominal Deviation	± 10 KHz
Maximum Deviation	± 25 KHz
External Sensor Input	Could connect up to 2 external sensors, RCA type.

Amplifier

Amplifier Output	(Two Amp) 12W ea. into 8 Ω load, or 16W ea. into 4 Ω load
Equalizer	5 Band, ± 12 dB
Aux Inputs	TV / DVD, COMPUTER / AUX input with Twin RCA connectors, Line Level 300mV/ 47k Ω w/ +6dB gain MIC input with single RCA connector. Mic Level 6mV/ 600 Ω
Front Panel Output	Line Level w/ gain (Pre-fader)
Page Input (Muting)	Speaker Level: OFF, 25, 70, 100v
Page Pass Through	Switchable w/ gain control
Frequency Response	40Hz -18KHz, ± 3 dB
S/N Ratio	>70dB
THD	< 1% @ 1KHz
Power Supply	DC 15V / 2.8A, 42Watt
Size	215(W) x 190(D) x 44(H)mm
Weight	1.22kgs

IRA-87 Optional Accessories



IRM-100 Infrared Handheld Microphone



IRT-2 Infrared Pendant Transmitter



CHR-103 3 in 1 Single Slot Charger



CHR-203 3 in 1 Dual Slot Charger



IRS-02 Wall Sensor



IRS-30 Ceiling Sensor