

IRX2

Infrared Wall-Mount Amplifier System

Features

- License free, interference free & eavesdrop free!
- Easily transferrable between rooms.
- Specifically designed for multiple adjacent rooms, e.g. classrooms and conference rooms.
- COMPANDER audio circuit improves signal to noise ratio and reduces background noise.
- PILOTONE squelch mutes receiver in standby mode.
- Excellent high fidelity and dynamic range - ideal for speech applications.
- Reception range extendable with up to 3 external sensors.
- Low impedance wired microphone input with volume control.
- Audio inputs: AUX (L/R) x3, EMERGENCY OVERRIDE (EO) x1, Low impedance microphone x1.
- Audio outputs: LINE (L/R) x1, ALD (Assistive Listening Device) x1, External speaker x2.
- ALD OUT (Assistive Listening Devices) for the hearing-impaired.
- EMERGENCY OVERRIDE broadcast system automatically mutes all other audio outputs.
- EMERGENCY OVERRIDE input mode switch (100V-LINE IN).
- Individual volume controls: ALD, LINE, AUX1, AUX2, AUX3, IR1, IR2, MIC and EO level.
- 3 BAND EQUALIZER for Individual High/Mid/Bass adjustment.
- Suitable for up to 2 pairs of 4Ω or 8Ω speakers.
- DC connection for an external charger.
- LED signal indicators for POWER, AUDIO, IR1 and IR2.
- Lockable cabinet provides system security.
- Available transmitter types include handheld, belt-pack and pendant.
- Optional chargers with smart-charge feature.

Specifications

Model	IRX2(I1)	IRX2(I2)
No. of channels	Single	Dual
Receiving method	Infrared Superhet Receiving	
Receiving frequency	2.08 MHz or 2.54MHz	CH1: 2.08MHz, CH2: 2.54MHz
Infrared wavelength	850nm	
Modulation	FM	
Peak deviation	± 25KHz	
Pilotone frequency	32.768KHz	
S/N ratio	> 60dB	
Distortion	< 1% (at 1KHz)	
IR frequency response	100Hz - 10KHz ± 3dB	
Output power (RMS)	50W+50W at 4Ω load, 25W+25W at 8Ω load	
Charger out	1	
Audio input	AUX(L/R)x3, MICx1, EMERGENCY OVERRIDE(EO)x1	
Audio output	LINE(L/R) x1, External speaker x2, ALD(Assitive listening device) x1	
Volume controls	IR1, AUX1, AUX2, AUX3, LINE,ALD, MIC, EO level	
Equalizer	3 bands (High/Middle/Low)	
External sensor inputs	3	
LED indicator	Power, audio, IR1	Power, audio, IR1, IR2
Door lock	Yes	
Power supply	100-240V AC, 24V DC 2.5A	
Matching transmitters	ITX2, IWM-402, IWH-401, IWH-301	
Dimensions (mm)	280*309*55	
Weight (g)	3150	3200

