

## Specifications

940R Receiver/Amplifier	940TM Transmitter / Microphone	Ceiling Sensor	Distributed Ceiling Speaker
Transmission type: Infrared	Transmission type: Infrared	Operating frequency: 2.3MHz & 2.8MHz	Average sensitivity: 86dB-SPL 1W/1M
Receiving frequency: 2.3MHz & 2.8MHz Frequency response: 50Hz to 20kHz	Transmitting frequency: 2.3MHz & 2.8MHz (switchable) Frequency response: 100Hz – 6kHz	Operating range: 18.5m/60ft line-of-sight (typical) Signal/Power interface: RCA-female jack, 8" lead	Speaker type: coaxial: 10cm/6.5in woofer, 2.5cm/1in tweeter Impedance: 8Ω nominal
Signal-to-noise: >65dB (system)	Microphones: dual uni-directional cardioid	Number of IR photodiodes: 6	Continuous power: 30W
THD: <1% @ 1kHz into 8Ω	Battery life: minimum 8 hours	Power indicator LED: Green	Peak power: 45W
Maximum audio output power: 2 x 10w (8Ω), 2 x 20w (4Ω)	Battery type: single AA, 2300mAh rechargeable NiMH	Reception area: 139m2/1500ft2 (typical with receiver sensors)	Frequency response: 60Hz to 20kHz
Power supply: 19VDC at 3.16A	Operating range: 18.5m/60ft line-of-sight (typical)	Dimensions (Dia x h): 13.5 x 3.3 cm / 5.1 x 1.3 in	Dimensions (Dia x d): 21.7 x 7 cm / 8.5 x 2.75 in
Size (wxhxd): 21.5 x 4.75 x 19cm/8.5 x 1.75 x 7.5in	Size (wxhxd): 11 x 6 x 2.5 cm/4.5 x 2.5 x 0.9 in	Weight: 224g/7.9oz (with bracket)	Weight: 1.1kg/2.5lbs
Weight: .94kg/2.11lbs	Weight: 85g/3.0oz (with battery)	Mounting: Drop ceiling acoustic tile or sheetrock ceiling	Mounting: Metal tile bridge, steel back enclosure, built for Plenum spaces
Operating range: 18.5m/60ft line-of-sight (typical)		Sensor wire: 15.25m/50ft RG59/u coaxial cable CL2P double shielded, UL listed Plenum rated jacket available	
Reception area: 139m2/1500ft2 (typical) with ceiling sensor			

## Inputs/Outputs

940R Receiver/Amplifier	940TM Transmitter / Microphone
Input power jack	2.5mm mic input
1.3mm mic charge jack	3.5mm aux input
3 RCA jacks for external sensor connection	1.3mm DC charge jack
4 quick-connect speaker terminals	
RCA aux out jack	
2 RCA stereo aux in jacks (with stereo sound output)	

## User Controls

940R Receiver/Amplifier	940TM Transmitter / Microphone
Power	On/off
Microphone A volume	Mute
Microphone B volume	Channel A/B
Two auxiliary audio volume	
OptiVoice™	