

### DESCRIPTION

The Infrared Wireless Microphone System using this IR-802T is a PA system designed for use in the school classrooms assuming that their size is about 10 m × 10 m (30 ft × 30 ft). The IR-802T is a 2-channel Infrared Wireless Tuner employing a fixed frequency system with 3 AUX inputs. It is combined with an infrared wireless microphone and an infrared wireless speaker to make up the infrared wireless microphone system. The infrared wireless microphone system eliminates problems with interference or eavesdropping, allowing simultaneous use in adjacent school classrooms.

### SPECIFICATIONS

\* 0 dB = 1 V

Version	CE-GB	CU
Power Source	230 V AC, 50/60 Hz (supplied AC adapter must be used)	120 V AC, 50/60 Hz
Power Consumption	8 W (based on UL standards) Max. 40.8 W (rated output at IR-820SP)	
Receiving Frequency	Teacher (Channel A): 3.100 MHz Student (Channel B): 3.350 MHz	
Receiver Sensitivity	50 dB or more, Signal to Noise ratio (40 dB $\mu$ V input, 1 kHz modulation, $\pm$ 4.8 kHz deviation)	
Signal to Noise Ratio	Tuner: 60 dB or more (60 dB $\mu$ V input, 1 kHz modulation, $\pm$ 4.8 kHz deviation, A-weighted, Equalization: Centered) AUX: 75 dB or more (A-weighted, Equalization: Centered)	
Tone Squelch Frequency	32.768 kHz	
Input	AUX PC: line, -10 dB*, 10 k $\Omega$ , unbalanced, stereo mini jack (internal mixing) AUX DVD/TV: line, -10 dB*, 10 k $\Omega$ , unbalanced, 2P RCA jack (internal mixing) AUX MP3: line, -10 dB*, 10 k $\Omega$ , unbalanced, stereo mini jack (internal mixing) Mute: 25 V line signals of telephone paging from a school intercom system	
Output	ALD (Assistive Listening Device): line, -10 dB*, 10 k $\Omega$ , unbalanced, monaural mini jack Speaker: RJ45 (dedicated terminal for IR-820SP connection)	
Frequency Response	Tuner: 100 Hz - 12 kHz, AUX: 100 Hz - 20 kHz	
Equalization	High: $\pm$ 10 dB at 10 kHz Mid: $\pm$ 10 dB at 1.3 kHz Low: $\pm$ 10 dB at 100 Hz	
Mute Function	Muted by 25 V line signals	
LED Indicator	Power (green) × 1, Infrared Reception (yellow) × 2, Mute (red) × 1	
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)	
Operating Humidity	90 %RH or less (no condensation)	
Finish	Panel: Aluminum, black Case: Steel plate, black	
Dimensions	210 (W) × 46 (H) × 312 (D) mm (8.27" × 1.81" × 12.28")	
Weight	1.8 kg (3.97 lb)	
Accessory	AC adapter (DC cord length: 1.8 m (5.91 ft)) ---1, AC power cord (2m (6.56 ft)) ---1, Volume control cover ---6, Removable terminal plug (2 pins) ---1	
Option	Half width blank panel: MB-15B-BK	

### APPEARANCE

