TOA INFRARED WIRELESS MICROPHONE IR-310M(Y)

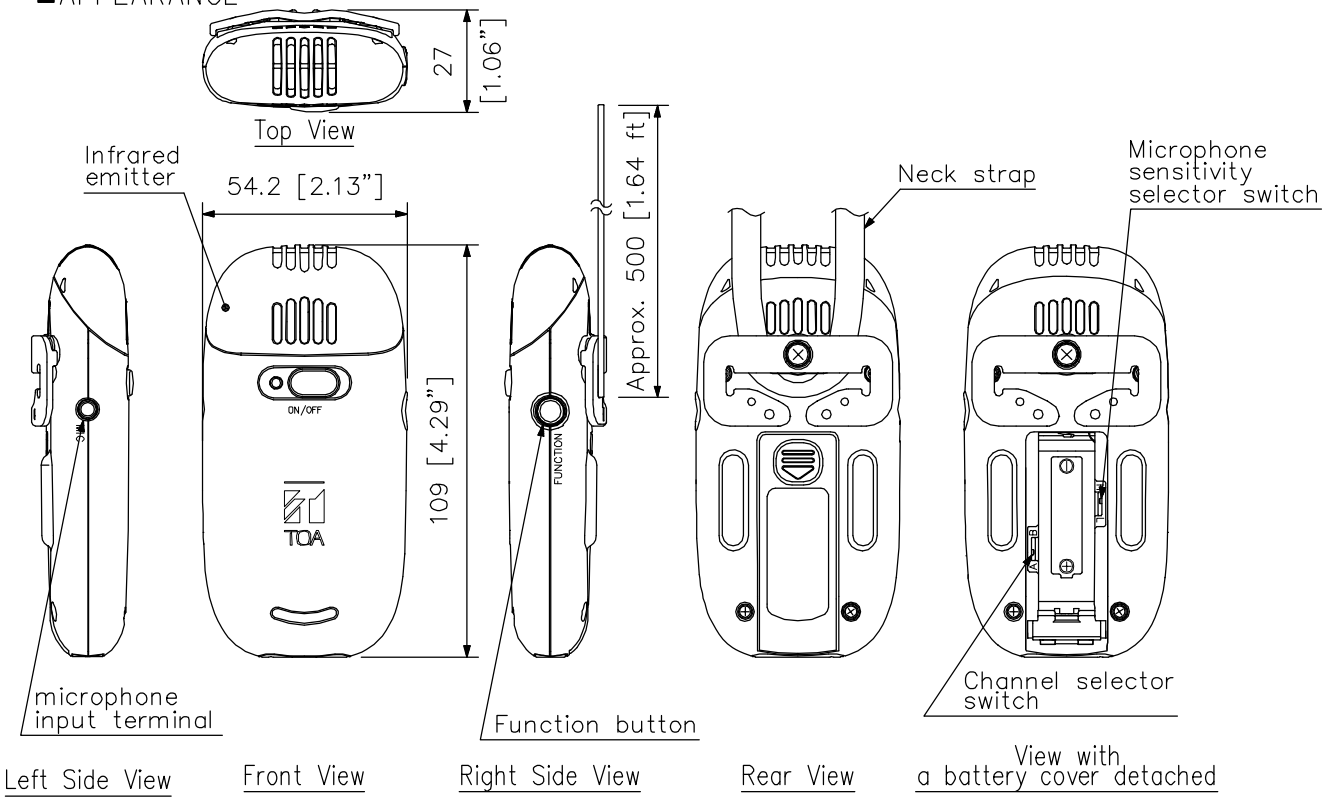
■DESCRIPTION

The IR-310M is a lightweight, hands-free infrared wireless microphone. It is designed for use in the school classrooms and eliminates problems with interface or eavesdropping, allowing simultaneous use in adjacent classrooms. It is capable of operating on one of two selectable IR frequencies and two transmitters can work simultaneously. It is also capable of operation with one piece of rechargeable AA Ni-MH battery IR-200BT-2 for continuous operation up to 8 hours.

■SPECIFICATIONS

Battery	One piece of IR-200BT-2 rechargeable battery for the infrared wireless microphone (option)
Current Consumption	typ. 215 mA (1.2 V)
Infrared Emitter	
Wavelength	870 nm (AM: Brightness modulation)
Modulation Method	Frequency modulation
Carrier Frequency	Channel A: 3.100 MHz Channel B: 3.350 MHz
Transmission Distance	Approx. 15 m (50 ft) (in an unobstructed space)
Tone Signal	32.768 kHz
Modulation Sensitivity	±4.8 kHz (1 kHz, when SPL of 84 dB is input)
Microphone Element	Electret condenser microphone, Uni-directional
Maximum Input Sound Pressure	120 dB SPL
Input Sensitivity Adjustment	Adjustment range: 2 levels (High, Low)
Frequency Response	100 Hz – 12 kHz
Preemphasis	300 μs
Input	External microphone input (ø3.5 monaural mini jack, phantom powered)
Switch	Power Switch, Channel selector Switch, Microphone sensitivity selector switch, Function button
Indicator	Power LED (Combined with battery life indicator)
Battery Operation Time	Approx. 8 hours (when used with one piece of IR-200BT-2 rechargeable battery)
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Control section: ABS resin, White Filter section: Polycarbonate, optical cut filter
Dimensions	54.2 (W) × 109 (H) × 27 (D) mm (2.13" × 4.29" × 1.06")
Weight	95 g (0.21 lb) (with battery and strap)
Accessory	Neck strap ···1

■APPEARANCE



UNIT: mm SCALE: 1/2

TOA Corporation

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