TOA

UHF WIRELESS SET

WS-200

■DESCRIPTION

The WS-200 includes a handheld wireless microphone and a diversity tuner.
The Wireless Microphone employs a dynamic microphone capsule and is suitable for any applications. Thanks to the PLL-synthesizer system, 4 different operating frequencies are made available. A high output power ensures stable radio signal transmission.
The diversity tuner is a PLL-synthesizer controlled double superhetrodyne diversity tuner designed to be used with a UHF wireless system. It employs a compander noise reduction circuit to minimize the influence of ambient RF noise.

■SPECIFICATIONS

Product Composition	Handheld wireless microphone ···1, Tuner ···1
Frequency Range	719.025 – 864.850 MHz(*1)
Channel Selectable	4 channels
Accessory	AC – DC adapter(*2) ···1

Wireless microphone

Microphone Element	Dinamic unit: Cardioid
RF Carrier Power	Max. 10 mW
Modulation System	PLL synthesizer
Battery	6LR61
Battery Life	Approx. 10 hours
Indicator	Battery status LED
Finish	Resin, coating
Dimensions	ø50 × 272 mm
Weight	220 g

Wireless tuner

(*3) 0 dB = 0.775 V

Power Source	AC mains (supplied AC-DC adapter must be used)
Power Consumption	100 mA (12 V DC)
Receiving System	Double super-heterodyne
Audio Output	Balanced output: +16 dB(*3)(max.), 600 Ω, balanced, XLR-3-31 type connector Unbalanced output: +10 dB(*3)(max.), 600 Ω, unbalanced, phone jack
Antenna	Rod antenna
Receiving Sensitivity	Over 90 dB, S/N ratio (20 dBμV input, 40 kHz deviation)
Squelch Sensitivity	18 – 40 dBμV variable
Indicator	ANT A/B, Audio (peak), RF level, Power
S/N Ratio	Over 95 dB (A-weight, unbalanced output)
Harmonic Distortion	Under 1% (typical)
Frequency Response	100 – 15,000 Hz, ±3 dB
Operation Temperature	-10°C to +45°C
Finish	Front panel: Resin, gray
Dimensions	214 (W) × 35 (H) × 100.5 (D) mm (excluding antenna)
Weight	580 g

(*1)

Type	Frequency Range
A21	719.025/719.600/720.450/720.875 MHz
B21	742.075/742.800/743.300/743.975 MHz
D21	863.150/863.725/864.150/864.850 MHz

(*2)

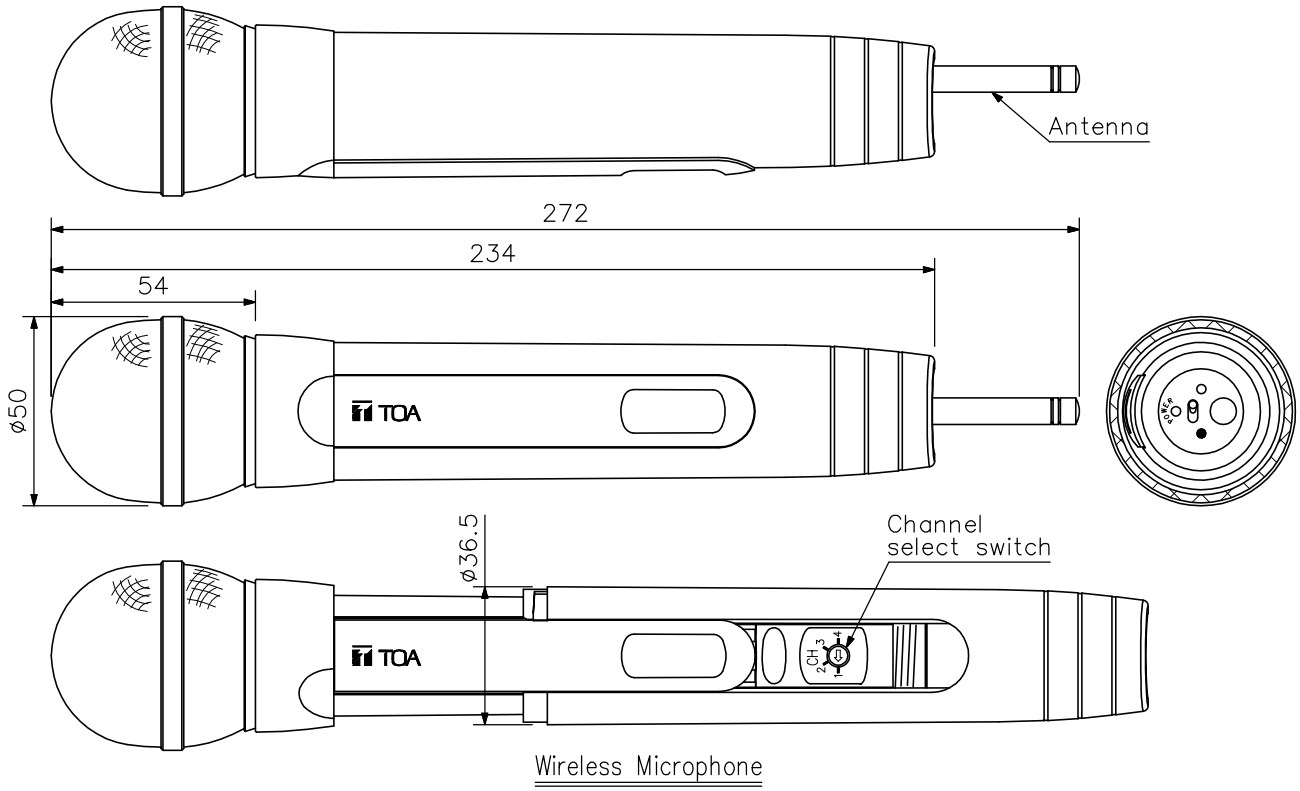
Type	AC – DC Adapter
US	120 V AC, 60 Hz
ER, UK	230 V AC, 50 Hz

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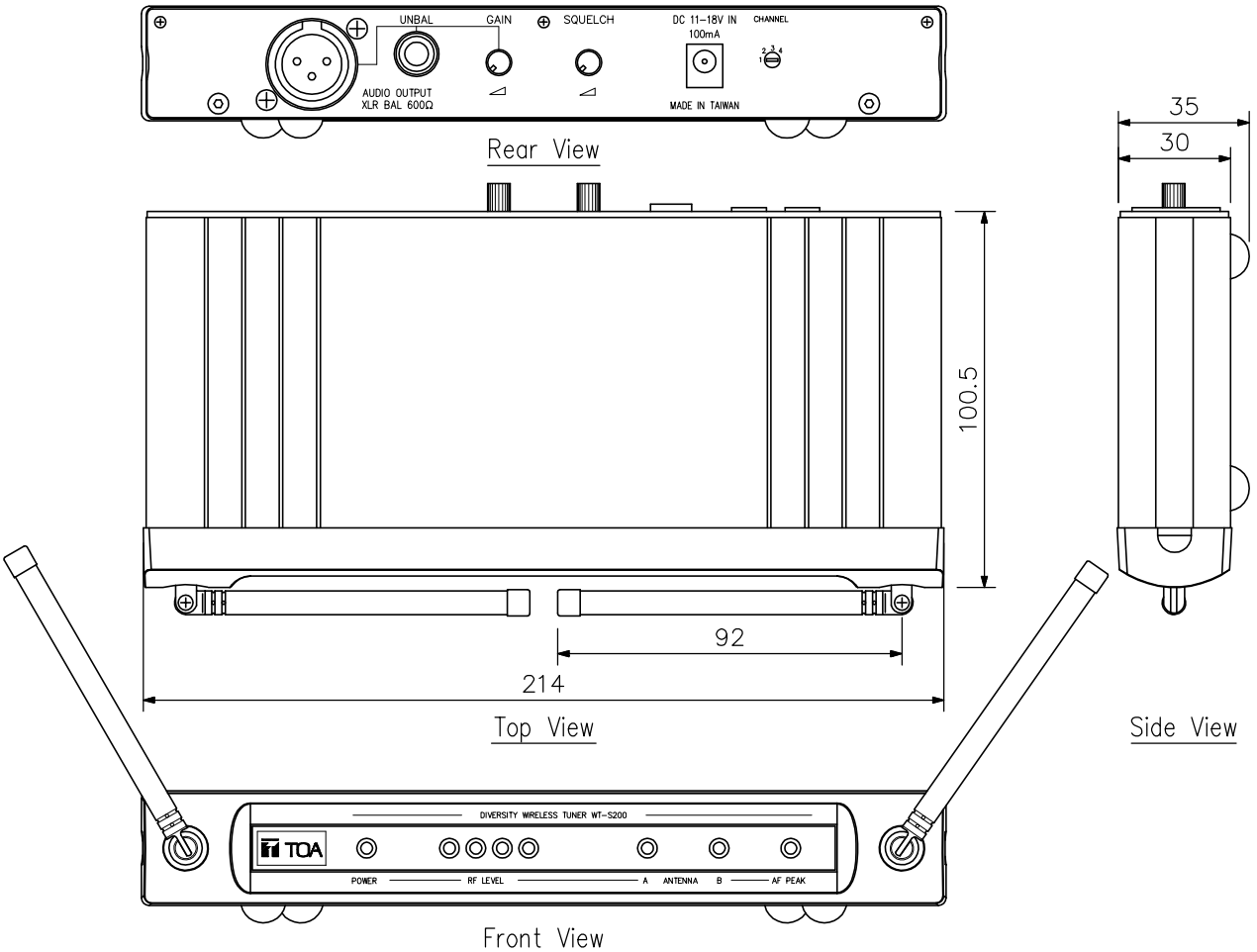
UHF WIRELESS SET

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■APPEARANCE



Wireless Microphone



Wireless Tuner

UNIT: mm SCALE: 1/2