

## DESCRIPTION

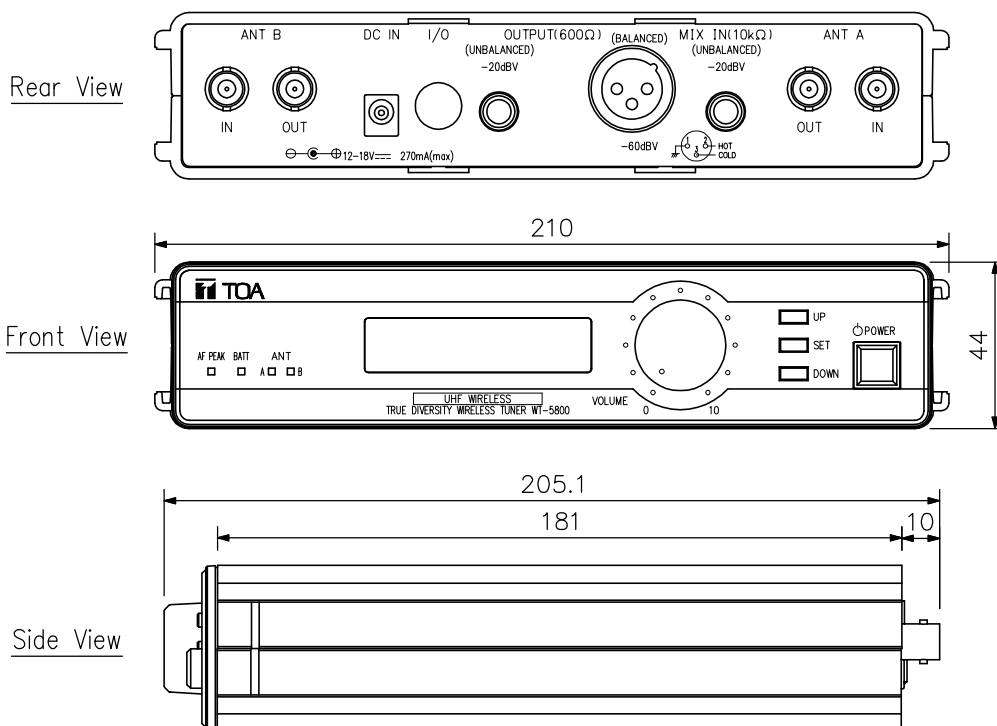
The wireless tuner WT-5800 is a PLL-synthesizer controlled double superheterodyne true diversity tuner to be used in UHF wireless systems. It employs a compander noise reduction circuit to minimize the influence of the ambient RF noise.

## SPECIFICATIONS

\* 0 dB = 1 V

Power Source	AC mains (supplied AC-DC adapter must be used)
Power Consumption	250 mA (12 V DC)
Receiving Frequency	830 - 865 MHz, UHF
Channel Selectable	64 selectable frequencies
Receiving System	Double super-heterodyne
Diversity System	Space diversity (true diversity)
Mixing Output	MIC: -60 dB*, 600 $\Omega$ , balanced, XLR-3-31 type connector LINE: -20 dB*, 600 $\Omega$ , unbalanced, phone jack
Mixing Input	-20 dB*, 10 k $\Omega$ , unbalanced, phone jack
Antenna Input	75 $\Omega$ , BNC (phantom powering for antenna), 9 V DC, 30 mA (max)
Antenna Output	75 $\Omega$ , BNC (Gain 0 dB)
Receiving Sensitivity	Over 90 dB, S/N ratio (20 dB $\mu$ V input, 40 kHz deviation)
Squelch Sensitivity	18 - 40 dB $\mu$ V variable
Squelch System	Using together of noise SQ, carrier SQ and tone SQ
Tone Frequency	32.768 kHz
Indicator	Audio (6 step), RF (6 step), ANT A/B, Audio (peak), Battery alarm
Channel Check	Usable frequencies scanning
S/N Ratio	Over 110 dB (A-weight, unbalanced output)
Harmonic Distortion	Under 1% (typical)
Frequency Response	100 - 15,000 Hz, $\pm$ 3 dB
Operating Temperature	-10°C to +50°C
Finish	Resin, black
Dimensions	210 (W) $\times$ 44 (H) $\times$ 205.1 (D) mm
Weight	700 g
Accessory	AC - DC adapter (230 V AC, 50 Hz) $\cdots$ 1
Option	Mounting bracket kit: MB-WT3 (for rack mounting one WT-5800 unit) MB-WT4 (for rack mounting two WT-5800 units)

## APPEARANCE



UNIT:mm SCALE: 1/2