

WT-5800-AM RM1

WIRELESS TUNER



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.

Key features

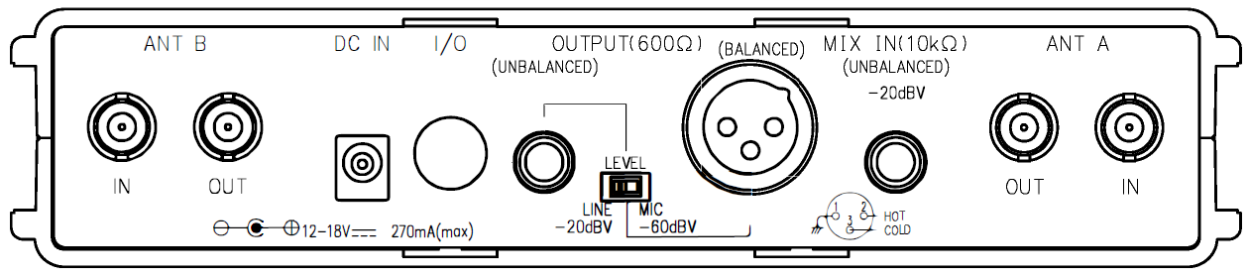
- Automatic frequency scan
- Integrated squelch function
- Ideally suited for fixed installations such as in event locations, multi-purpose and sports halls, plenary and conference venues, churches, auditoriums etc.
- System always select the stronger of the two antenna signals for further processing
- Setup with up to 16 simultaneously operating receivers possible
- Two antenna distribution outputs allow to simply loop through the antenna signals

Specifications

Power Source	AC mains (supplied AC adapter must be used)
Power Consumption	250 mA (12 V DC)
Receiving Frequency	506 - 538 MHz, UHF
Channel Selection	64 selectable frequencies
Receiving System	Double super-heterodyne
Diversity System	Space diversity (true diversity)
Mixing Output	MIC/LINE (selectable): -60 dB (*1) (MIC)/-20 dB (*1) (LINE), 600 Ω phone jack (unbalanced), 600 Ω XLR-3-32 type connector (balanced)
Mixing Input	-20 dB (*1), 10 k Ω , unbalanced, phone jack
Antenna Input	75 Ω , BNC (phantom powering for antenna), 9 V DC, 30 mA (max)
Receiving Sensitivity	90 dB or more, Signal to Noise ratio (20 dB μ V input, 40 kHz deviation)
Harmonic Distortion	1 % or less (typical)
Squelch Sensitivity	16 - 40 dB μ 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
Signal to Noise Ratio	110 dB or more (A-weight, unbalanced output)
Frequency Response	100 Hz - 15 kHz, ± 3 dB
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Humidity	30 % to 85 %RH
Finish	Resin, black
Dimensions	210 (W) \times 44 (H) \times 205.1 (D) mm (8.27" \times 1.73" \times 8.07")
Weight	700 g (1.54 lb)
Included Accessories	AC adapter \times 1, Whip antenna \times 2, Rubber foot \times 4

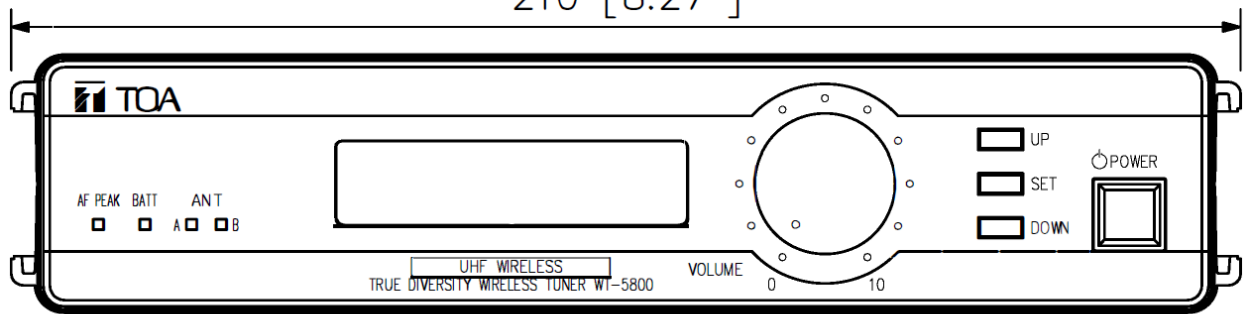
(*1) 0 dB = 1 V

Dimensions



Rear View

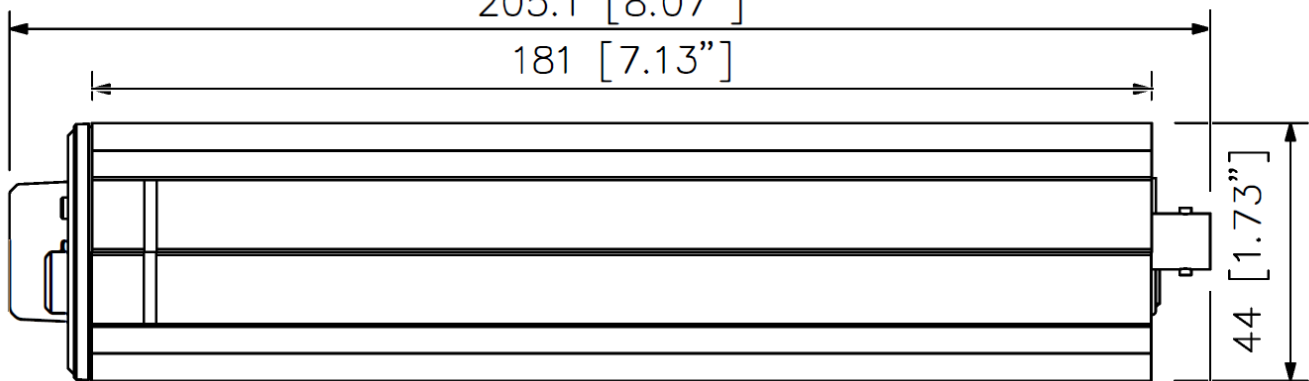
210 [8.27"]



Front View

205.1 [8.07"]

181 [7.13"]



Side View

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UNIT:mm