WT-5805-AM RM1

WIRELESS TUNER

The wireless tuner WT-5805 is a PLL-synthesizer controlled double superheterodyne 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

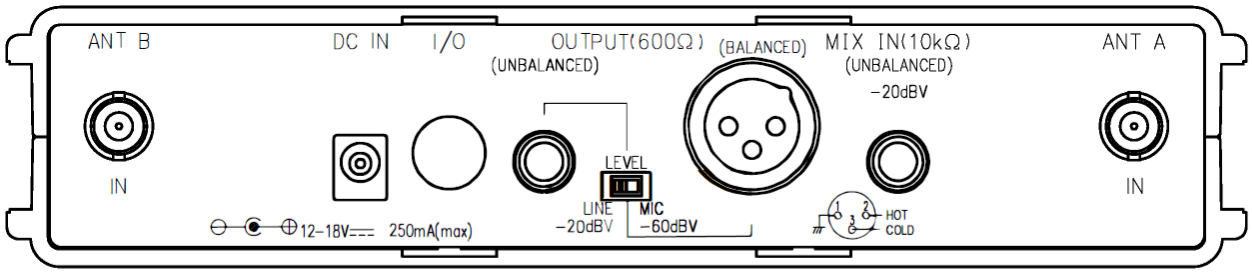
- Automatic frequency scan
- Integrated squelch function
- Ideally suited for fixed installations such as in event locations, multi-purpose and sports halls, plenary and conference venues, churches, auditoriums etc.
- System always select the stronger of the two antenna signals for further processing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

Specifications

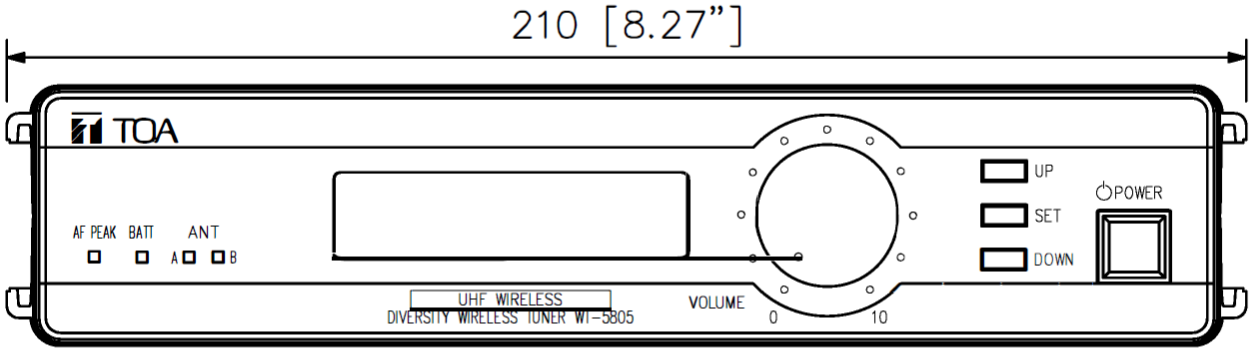
Power Source	AC mains (supplied AC adapter must be used)
Power Consumption	200 mA (12 V DC)
Receiving Frequency	506 - 538 MHz, UHF
Channel Selection	64 selectable frequencies
Receiving System	Double super-heterodyne
Diversity System	Space diversity
Mixing Output	MIC/LINE (selectable): -60 dB (*1) (MIC)/-20 dB (*1) (LINE), 600 Ωphone jack (unbalanced), 600 Ω XLR-3-32 type connector (balanced)
Mixing Input	-20 dB (*1), 10 kΩ, 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 dBμV input, 40 kHz deviation)
Harmonic Distortion	1 % or less (typical)
Squelch Sensitivity	16 - 40 dBμV 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) × 44 (H) × 205.1 (D) mm (8.27" × 1.73" × 8.07")
Weight	700 g (1.54 lb)
Included Accessories	AC adapter x 1, Whip antenna x 2, Rubber foot x 4

(*1) 0 dB = 1 V

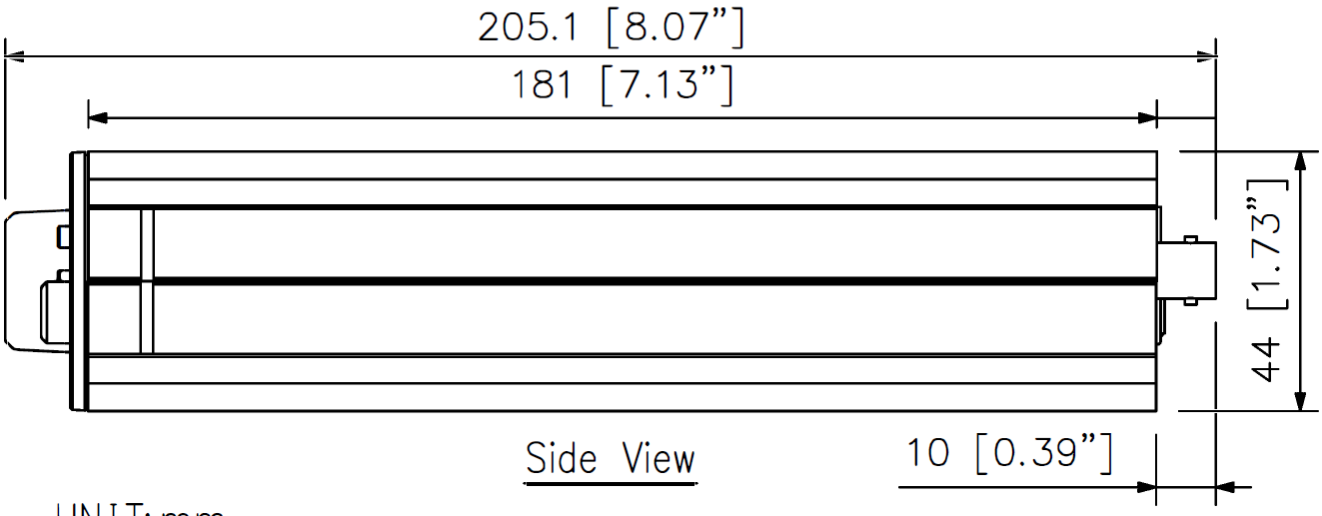
Dimensions



Rear View



Front View



Side View

UNIT: mm