

## WT-5810-AM RM1

### WIRELESS TUNER



The WT-5810 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.

### 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	130 mA (12 V DC)
Receiving Frequency	506 - 538 MHz, UHF
Channel Selection	16 selectable frequencies
Receiving System	Double super-heterodyne
Diversity System	Space diversity
Mixing Output	MIC: -60 dB (*1), 600 Ω, balanced, XLR-3-32 type connector LINE: -20 dB (*1), 600 Ω, unbalanced, phone jack
Mixing Input	-20 dB (*1), 10 kΩ, unbalanced, phone jack
Antenna Input	Whip antenna
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	ANT A/B, Audio (peak), Battery alarm, Channel number
Channel Check	Usable frequencies scanning
Signal to Noise Ratio	104 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	590 g (1.3 lb)
Included Accessories	AC adapter x 1

(\*1) 0 dB = 1 V

Dimensions

