

WT-5810 Wireless Tuner

The WT-5810 Wireless Tuner is designed for use on the UHF band, and suitable for vocal or speech reinforcement applications.

It features a compander circuit that minimizes the influence of ambient noise. 16 different operating frequencies ranging from 576 to 865 MHz. Optimized PLL-synthesizer minimizes the oscillation frequency drift resulting from the ambient temperature change.

Compact size and high reliability.

- Phase Locked Loop (PLL) synthesis operation
- 16 selectable channel frequencies
- TOA space diversity technology
- Double super-heterodyne receiving system
- Auto mixing input function
- Squelch function (carrier, noise, tone)
- Usable frequencies scanning and vacant channel search function
- Compact portable design
- Compander circuitry for minimizing ambient noise
- Rod antenna × 2
- Balanced output (XLR connector) and phone jack output
- Low-battery indicator (wireless microphone's battery voltage becomes low)

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Power Consumption	130mA (12V DC)
Receiving Frequency	576–865 MHz*, UHF
Channel Selectable	16 CH
Diversity System	Space diversity
Mixing Output	MIC: –60dB*2, 600Ω, balanced, XLR-3-31 type connector LINE: –20dB*2, 600Ω, unbalanced, phone jack
Mixing Input	–20dB*2, 10 kΩ, unbalanced, phone jack
Antenna	Rod antenna
Receiving Sensitivity	Over 90dB , S/N ratio (20dBμV input, 40kHz deviation)
Squelch Sensitivity	18 – 40dBμV variable
Squelch System	Using together of noise SQ, carrier SQ and tone SQ
Indicator	ANT A/B, Audio (peak), battery alarm
Channel Check	Usable frequencies scanning
S/N Ratio	Over 104dB (A-weight, unbalanced output)
Harmonic Distortion	Under 1% (typical)
Frequency Response	100 – 15,000kHz, ±3 dB
Dimensions	206(W) × 40.6(H) × 152.7(D) mm (8.11" × 1.60" × 6.01")
Weight	590 g (1.30 lb)