

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.

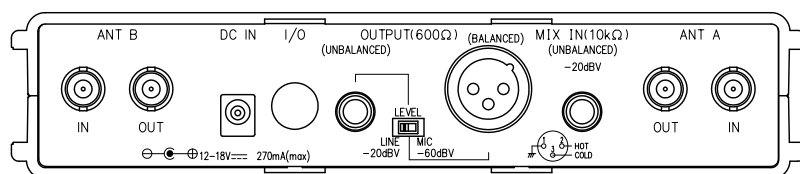
SPECIFICATIONS

(*1) 0 dB = 1 V

Power Source	AC mains (supplied AC adapter must be used)
Power Consumption	250 mA (12 V DC)
Receiving Frequency	576 – 865 MHz (*2), UHF
Channel Selectable	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)
Antenna Output	75 Ω , BNC (Gain 0 dB)
Receiving Sensitivity	90 dB or more, Signal to Noise ratio (20 dB μ V input, 40 kHz deviation)
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 steps), RF (6 steps), ANT A/B, Audio (peak), Battery alarm
Channel Check	Usable frequencies scanning
Signal to Noise Ratio	110 dB or more (A-weight, unbalanced output)
Harmonic Distortion	1 % or less (typical)
Frequency Response	100 Hz – 15 kHz, ± 3 dB
Operating Temperature	-10 $^{\circ}$ C to +50 $^{\circ}$ C (14 $^{\circ}$ F to 122 $^{\circ}$ F)
Operating Humidity	30 % to 85 %RH (no condensation)
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)
Accessory	AC adapter (*3)•1, Whip antenna•2, Rubber foot•4
Option	Mounting bracket kit: MB-WT3 (for rack mounting one WT-5800 unit) MB-WT4 (for rack mounting two WT-5800 units)

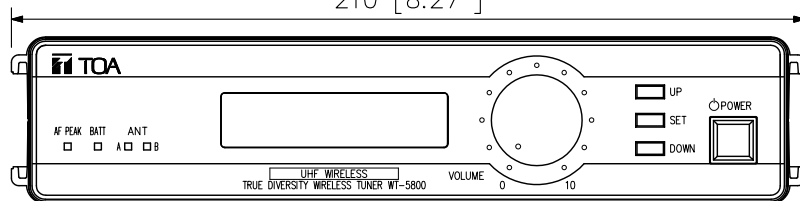
APPEARANCE

(*3)



Rear View

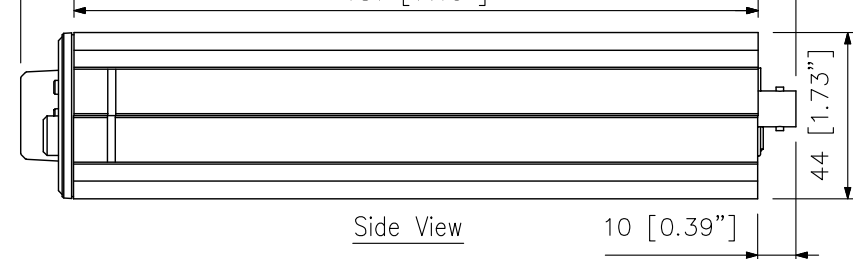
210 [8.27"]



Front View

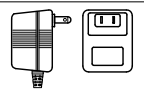
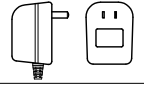
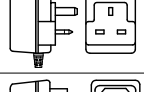
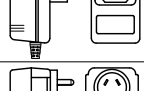
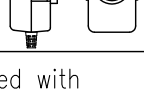
205.1 [8.07"]

181 [7.13"]



Side View

10 [0.39"]

Version	AC Adapter	
US	120 V AC, 60 Hz	
CN	220 V AC, 50 Hz	
UK	220 – 230 V AC, 50 Hz	
ER	230 V AC, 50 Hz	
AS	240 V AC, 50 Hz	

Note: No AC adapter is supplied with the version B02ER.

(*2)

Version	Receiving Frequency
A01	692 – 722 MHz, UHF
B01, B02	722 – 752 MHz, UHF
C01 – C07	794 – 830 MHz, UHF
D01 – D05	830 – 865 MHz, UHF
E01	668 – 698 MHz, UHF
F01	636 – 666 MHz, UHF
G01, G02	606 – 636 MHz, UHF
H01	576 – 606 MHz, UHF

UNIT:mm SCALE:1/2