



DIGITAL WIRELESS RECEIVER

WT-D5800

(EC4/EC7/EG1/GG1/-G1/RH1)

DESCRIPTION

The WT-D5800 is a PLL-synthesizer controlled double super-heterodyne diversity receiver designed to be used with a UHF wireless system. Employing a digital reception system that is virtually immune to interference and noise, the WT-D5800 Wireless Receiver ensures stable radio signal reception. Additionally, this receiver features a host of convenient functions, such as external equipment control by way of contact outputs, and system status monitoring by way of its maintenance software, enabling highly reliable operation.




SPECIFICATIONS

Version	EC4, EC7	EG1, GG1, -G1	RH1
Power Source	AC mains (supplied AC adapter must be used)		
Current Consumption	350 mA (13.5 V)		
Receiving Frequency	794 - 832 MHz	606 - 636 MHz	576 - 606 MHz
Channel Selectable	160 selectable frequencies		
Receiving System	Double super-heterodyne		
Diversity system	Space diversity (digital 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 kΩ, 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)		
Contact Output	1 channel, no-voltage make contact output, withstand voltage: 30 V DC, control current 0.5 A max terminal block (2 pins)		
Receiving Sensitivity	24 dBμV or less (Bit error rate: 1E-5 or less)		
Antenna Input Attenuator	0 dB/-10 dB switchable		
Indicator	Audio (5 steps), RF (5 steps), ANT A/B, Audio (peak), Battery alarm		
Frequency Response	50 Hz - 12 kHz		
Total Harmonic Distortion	0.5 % or less		
Function	Frequencies scanning, Feedback suppressor, Equalizer (optimizing each compatible microphone)		
ID Selectable	10 patterns		
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)		
Operating Humidity	30 % to 85 %RH (no condensation)		
Finish	Resin, black		
Dimensions	210 (W) × 44 (H) × 211.9 (D) mm (8.27" × 1.73" × 8.34")		
Weight	730 g (1.61 lb)		
Accessory	AC adapter (*2) ...1, Whip antenna ...2, Rubber foot ...4		
Option	Rack mounting bracket kit: MB-WT3 (for rack mounting one WT-D5800 unit) MB-WT4 (for rack mounting two WT-D5800 units)		

(*1) 0 dB = 1 V

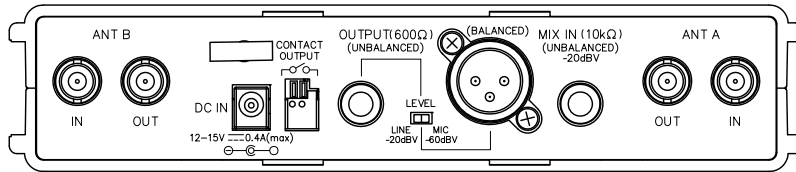
Notes: The WT-D5800 cannot communicate with the TRANTEC Wireless System (S4 and S5 Series).
The WT-D5800 cannot communicate with the TOA Analog Wireless System (WM-5325, WM-5225 etc.).

(*2)

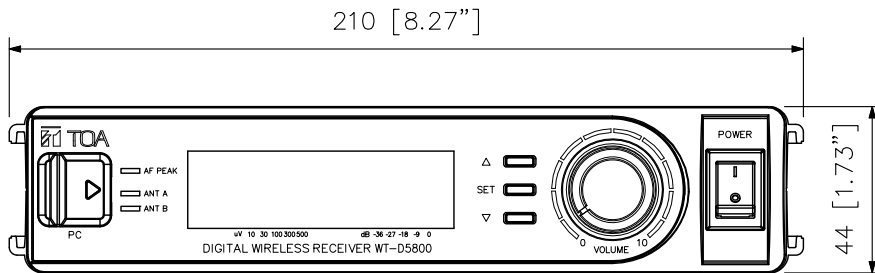
Version	AC Adapter	
EC7, EG1	230 V AC, 50 Hz	
GG1	220 - 230 V AC, 50 Hz	
RH1	120 V AC, 60 Hz	

Note: Not supplied with the WT-D5800(EC4/-G1). For the usable power supply cord and AC adapter, contact your nearest TOA dealer.

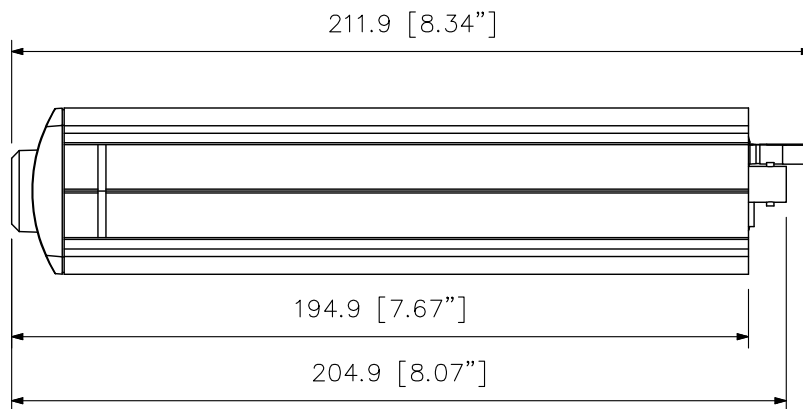
■ APPEARANCE



Rear View



Front View



Side View

UNIT: mm SCALE: 1/2