



DIGITAL WIRELESS RECEIVER

WT-D5800

(-A2/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	-A2	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	694 - 703 MHz	798 - 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 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)			
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 dB μ V 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 $^{\circ}$ 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) $\times$ 211.9 (D) mm (8.27 $\times$ 1.73" $\times$ 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

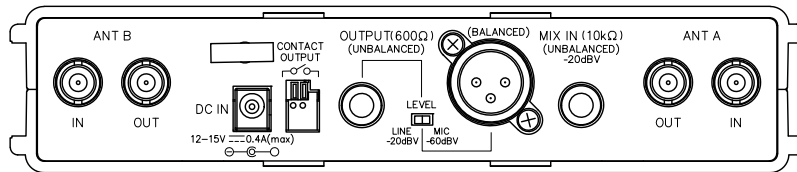
Notes: The WT-D5800 cannot communicate with the TRANTEC Wireless System (S4 and S5 Series).
The WT-D5800 cannot communicate with the TOA Analog Wireless System (WM-5325, WM-5225 etc.).

(*2)

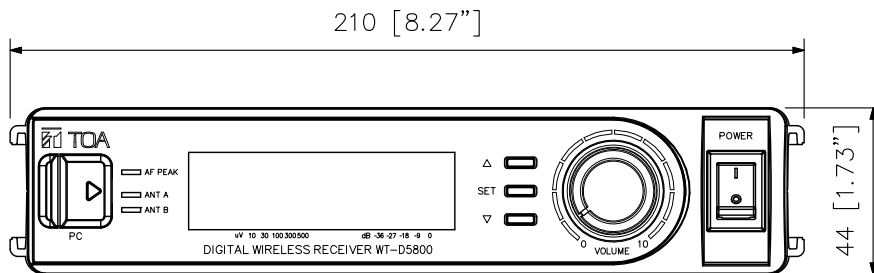
Version	AC Adapter	
EC7, EG1	230 V AC, 50 Hz	
GG1	220 - 230 V AC, 50 Hz	
RH1	120 V AC, 60 Hz	

Note: Not supplied with the WT-D5800(-A2/EC4/-G1). For the usable power supply cord and AC adapter, contact your nearest TOA dealer.

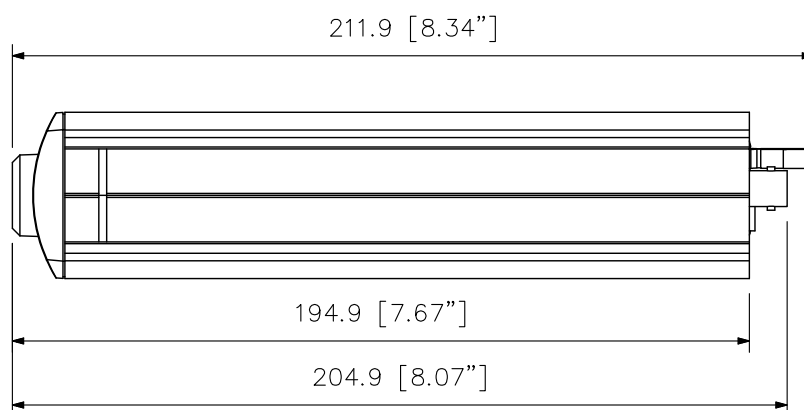
■ APPEARANCE



Rear View



Front View



Side View

UNIT:mm SCALE:1/2