TOA

DIGITAL WIRELESS RECEIVER

WT-D5800
(EC4/EC7/EG1/GG1/-G1)

■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.

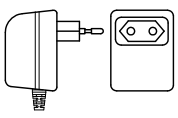
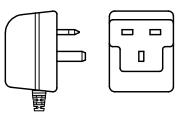
■SPECIFICATIONS

Version	EC4, EC7	EG1, GG1, -G1
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
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 (2pins)	
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	
EC4, EC7, EG1	230 V AC, 50 Hz	
GG1	220 – 230 V AC, 50 Hz	

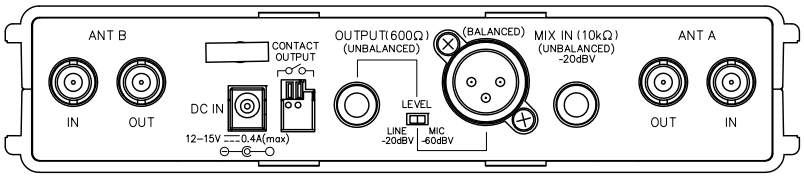
Note: Not supplied with the WT-D5800(-G1). For the usable power supply cord and AC adapter, contact your nearest TOA dealer.

TOA

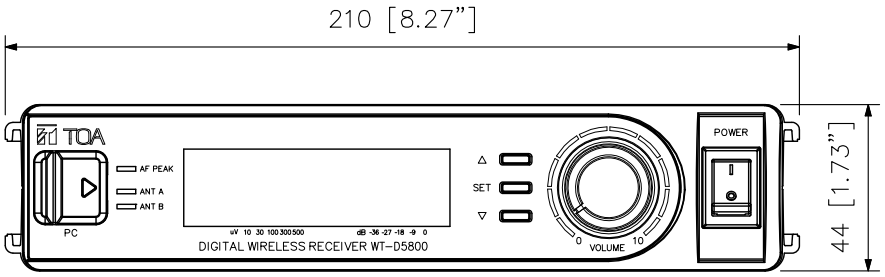
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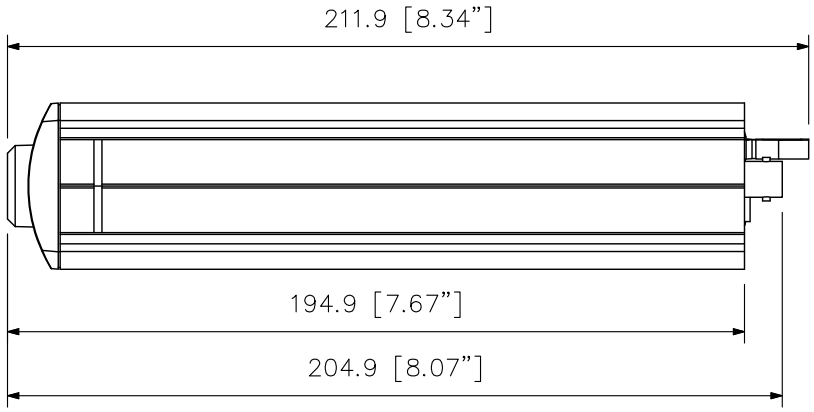
APPEARANCE



Rear View



Front View



Side View

UNIT: mm SCALE: 1/2

TOA Corporation

DWG No: GWT056C1