

Digital Wireless Guide Systems









Provides crystal clear sound without interruption, ensuring clear audio transmission at all time.

















Model	WG-D100R	WG-D100T
Frequency	510 ~ 530 MHz	
Modulation	GFSK	
Audio Sampling	8KHz 16 bit	
Latency	22 ms	
Frequency Response	65 Hz – 3.8 kHz	
Dynamic Range	> 80 dB	
Signal to Noise	> 70 dB	
THD at 1 kHz	< 1.5 %	
Service Coverage	Indoor: 100 m / Outdoor: > 150m	
Receiver Sensitivity	-88 dBm	
RF Output Power	-5.01	10 mW
3.5mm Phone Jack	Earphone Output x 1 (32 Ω) / AUX Out x 1 (0 Ω)	Mic In x 1 / AUX In x 1
Buttons	Front + / -: Channel Selector, Power: On / Off	Front + / -: Channel Selector, Power: On / Off, Mute
Microphone Source	- 100	Built-In & External
Input Level	Market and the second s	Mic: -35.5 dBV / AUX: -25 dBV
Side Momentary 3way Tact Switch	+: Volume Up / Center Push: Corresponding Frequency / -: Volume Down	
Recommended Battery Type	Ni-MH type "AA" 1.2V x 1 / Alkaline "AA" 1.5V x 1 (not included)	
Battery Life*	14 hours	12 hours
Charging Source	DC 5V Micro USB	
Charging Time / Current	Depends on battery type and capacity / 255 ± 10mA	
LCD Display	Channel, Battery Indicator, Volume, Signal Strength	
Antenna	Headphone	Whip
Regulatory Compliance	CE FCC	
Color	Black Frame	
Dimensions (W x H x D)	40 × 83.5 × 24.6 mm, Antenna length not included	
Weight	38.6 g	
Accessories	Lanyard x 1, AC adapter Charger x 1, Micro USB cable x 1	

^{*} The data has been measured using 1 x AA NiMH 2600mAh rechargeable battery

Model	WG-D120R	WG-D120T	
Frequency	510 ~ 530 MHz		
Modulation	GFSK		
Audio Sampling	8KHz 16 bit		
Latency	35 ms		
Frequency Response	65 Hz – 3.8 kHz		
Dynamic Range	> 80 dB		
Signal to Noise	> 60 dB		
THD at 1 kHz	< 5.2 %		
Service Coverage	Indoor: 100 m / Outdoor: > 150m		
Receiver Sensitivity	-88 dBm		
RF Output Power	10 mW		
3.5mm Phone Jack	Earphone Output x 1 (32 Ω) / AUX Out x 1 (0 Ω)	Mic In x 1 / AUX In x 1	
Buttons	Front + / -: Channel Selector, Power: On / Off	Front + / -: Channel Selector, Power: On / Off, Mute	
Microphone Source	Built-In	Built-In & External	
Input Level		Mic: -35.5 dBV / AUX: -25 dBV	
Side Momentary 3way Tact Switch	+ : Volume Up / Center Push: Push-to-Talk / -: Volume Down	+ : Volume Up / Center Push: 2-way mode / -: Volume Down	
Recommended Battery Type	Ni-MH type "AA" 1.2V x 1 / Alkaline "AA" 1.5V x 1 (not included)		
Battery Life*	14 hours	12 hours	
Charging Source	DC 5V Micro USB		
Charging Time / Current	Depends on battery type and capacity / 255 ± 10mA		
LCD Display	Channel, Battery Indicator, Volume, 2-way Communication Indicator, Signal Strength		
Antenna	Whip / Helical	Whip	
Regulatory Compliance		CE FCC	
Color	Silver Frame		
Dimensions (W x H x D)	40 × 83.5 × 24.6 mm, Antenna length not included		
Weight	38.6 g		
Accessories	Lanyard x 1, AC adapter Charger x 1, Micro USB cable x 1		

^{*} The data has been measured using 1 x AA NiMH 2600mAh rechargeable battery



Model	WG-TC12A
No. of Slots	12
Power Supply	DC 5V 4A
Dimensions (W x H x D)	350 × 140 × 120 mm
Weight	1.11 kg
Applicable Models	WG-D100 / WG-D120
Accessories	AC Adapter x 1, Universal Plug Converter x 1

^{*} Rechargeable battery not included







