



UHF Wireless Microphone Systems



Enhanced ease of use and performance, for a wider range of applications

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SPECIFICATIONS

Model No.	WM-5220 UHF Hand-held (Vocal) Wireless Microphone	WM-4200 UHF Hand-held (Vocal) Wireless Microphone	WM-4210 UHF Hand-held (Vocal) Wireless Microphone	WM-4220 UHF Hand-held (Vocal) Wireless Microphone
Microphone Element	Electret condenser unit: Cardioid		Dynamic microphone unit: Cardioid	
Emission	F3E			
Frequency Range	692 ÷ 722 MHz, UHF*		690 ÷ 750 MHz, UHF*	
Channel Selectable	16 CH	64 Selectable frequencies (international may vary)		16 CH
RF Carrier Power	Under 50 mW			
Tone Frequency	32.768 kHz			
Modulation System	PLL synthesizer			
Maximum Input Level	126 dB SPL	145 dB SPL	130 dB SPL	125 dB SPL
Maximum Deviation	±40 kHz			
Battery	LR6 (AA)	6LR61 (9V × 1)		
Battery Life	Over 10 hours (alkaline)	10 hours (alkaline)		
Indicator	Power/Battery lamps	Power/Battery indicator (common use)		
Antenna	Built-in type	1/4 spherical antenna	Built-in type	
Operating Temperature	0°C to +50°C			
Finish	Resin, rubber coating	Resin, coating (change other's)		
Dimensions	43.6 × 231.5 mm	52.2 × 279.4 mm	50 × 235.2 mm	45 × 235.2 mm
Weight	180 g (with battery)	300 g (with battery)	250 g (with battery)	250 g (with battery)
Accessory	Microphone holder (with stand adapter) × 1, Screw driver × 1, Storage case × 1	Stand adapter × 1, Screw driver × 1, Storage case × 1		

Model No.	WM-5320 UHF Lavalier Wireless Microphone	WM-5320H UHF Headset Wireless Microphone	WM-5320A UHF Headset (Aerobics) Wireless Microphone
Transmitter unit			
Emission	F3E		
Frequency Range	692 ÷ 722 MHz, UHF*		
Channel Selectable	64 frequencies (international may vary)		
RF Carrier Power	Under 50 mW		
Tone Frequency	32.768 kHz		
Modulation System	PLL synthesizer		
Maximum Input Level	110 dB SPL	120 dB SPL	
Battery	LR6 (AA)		
Battery Life	10 hours (alkaline)		
Indicator	Power/Battery lamps		
Antenna	Built-in type		
Operating Temperature	0°C to +50°C		
Finish	Resin, coating		
Dimensions	62 (W) × 102.5 (H) × 23 (D) mm		
Weight	110 g (with battery)	130 g (with battery)	
Accessory	Screw driver × 1, Storage case × 1	Screw driver × 1	Waist pouch × 1, Screw driver × 1
Microphone unit			
Microphone	Electret condenser microphone, omni-directional pattern		Electret condenser microphone, cardioid
Power Requirement	DC (supplied from lavalier pack)		
Cable Length	1.3 m	1.4 m	
Connector	3.5 plug (EIAJ RC701)		

Model No.	WT-5800 UHF Wireless Tuner	WT-5805 UHF Wireless Tuner	WT-5810 UHF Wireless Potable Tuner
Power Requirement	AC mains (supplied AC-DC adapter must be used)		
Power Consumption	250 mA (12 V DC)	200 mA (12 V DC)	130 mA (12 V DC)
Receiving Frequency	692 ÷ 722 MHz, UHF*		
Channel Selectable	64 Selectable frequencies		16CH
Receiving System	Double Super-heterodyne		
Diversity System	Space diversity		
Mixing Output	MIC: Ø60 dB ² , 600 1, balanced, XLR-3-31 type connector LINE: Ø20 dB ² , 600 1, unbalanced, phone jack		
Mixing Input	Ø20 dB ² , 10 k 1, unbalanced, phone jack		
Antenna	N		Rod antenna
Antenna Input	75 1, BNC (phantom powering for antenna) 9 V DC, 30 mA (max.)		N
Antenna Output	75 1, BNC (Gain 0dB)	N	N
Receiving Sensitivity	Over 90 dB, S/N ratio (20 dBµV input, 40 kHz deviation)		
Squelch Sensitivity	18 ÷ 40 dBµV variable		
Squelch System	Using together of noise SQ, carrier SQ and tone SQ		
Tone Frequency	32.768 kHz		
Indicator	Audio (6 step), RF (6 step), ANT A/B, Audio (peak), battery alarm	ANT A/B, Audio (peak), battery alarm	
Channel Check	Usable frequencies scanning		
S/N Ratio	Over 110dB (A-weight, unbalanced output)		Over 104dB (A-weight, unbalanced output)
Harmonic Distortion	Under 1% (typical)		
Frequency Response	100 ÷ 15,000 Hz, ±3 dB		
Operating Temperature	0°C to +50°C		
Finish	Resin, black		
Dimensions	210(W) × 44(H) × 205.1(D) mm		206(W) × 40.6(H) × 152.7(D) mm
Weight	700 g		590 g
Accessory	AC-DC adapter × 1		AC-DC adapter × 1,
Option	Mounting bracket kit: MB-WT3 (for rack mounting one WT-5800 or WT-5805 unit) MB-WT4 (for rack mounting two WT-5800 or WT-5805 units)		N

Model No.	WD-4800 Power/Antenna Distributor
Power Requirement	AC mains
Power Consumption	25W
Frequency Range	VHF/UHF
Antenna Input	2 input (front × 1, rear × 1), 75 1, BNC (phantom powering for antenna)
Antenna Output	4 output, 75 1, BNC
DC Power Supply	4 output, (each output: 13V DC/250mA)
Indicator	Power
Operating Temperature	0°C to +50°C
Finish	Steel, coating
Dimensions	420(W) × 44(H) × 305.5(D) mm
Weight	3.5 kg
Accessory	DC cable × 4
Option	Rack mounting bracket: MB-15B

Model No.	YW-4500 UHF Wireless Antenna
Power Requirement	7 ÷ 12 V DC (supplied from amplifier or tuner)
Current Consumption	Under 24 mA
Receiving Frequency	680 ÷ 880 MHz, UHF
Dipole Ratio Relative Gain	More than 8 dB (780 MHz)
V.S.W.R	Less than 3.0
Output Impedance	75 1
Mounting Hole Pitch	83.5 mm (dimensions for wiring box)
Operating Temperature	0°C to +50°C
Finish	AES resin, off-white
Dimensions	105(W) × 140(H) × 126(D)mm
Weight	270 g
Accessory	M3.5 screw for wiring box × 2, Tapping screw (M4) for wooden wall × 2, RG-6/U or RG-11/U sleeve × 1

*1 Frequency range may vary by area.

*2 0dB = 1 V



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Specifications are subject to change without notice.
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