

PERFORMANCE SERIES WIRELESS SPECIFICATIONS

	R41	R61
Frequency Range	522 MHz – 554 MHz / 554 MHz - 586 MHz	522 MHz – 586 MHz
Bandwidth	32 MHz	64 MHz
Compatible Systems	16 Compatible system operation	20 Compatible system operation
Switchable Frequencies	106 Preset frequencies	207 Preset frequencies
Manual Mode	n/a	2560 Frequencies (spaced 25 kHz apart)
Frequency Response	45 Hz – 18 kHz	45 Hz – 18 kHz
Compander System	2:1	2:1
Pilot Tone	32 kHz	32 kHz
Receiving System	Single tuner, diversity	Single tuner, true diversity
Signal-to-Noise Ratio	105 dB at 30 kHz deviation (A-weighted)	112 dB at 30 kHz deviation (A-weighted)
Total Harmonic Distortion	≤.7% (33 kHz deviation at 1 kHz)	≤.4% (33 kHz deviation at 1 kHz)
Sensitivity	5 dBμV (S/N 60 dB at 25 kHz deviation, A-weighted)	5 dBμV (S/N 60 dB at 25 kHz deviation, A-weighted)
Audio Output (AF=0)	Balanced: -12 dBv @ 25 kHz deviation, 600 ohm load 1/4": -18 dBv @ 25 kHz deviation, 10 kohm load	Balanced: -12 dBv @ 25 kHz deviation, 600 ohm load 1/4": -18 dBv @ 25 kHz deviation, 10 kohm load
Output Connectors	1/4", XLR	1/4", XLR
Audio Level Adjust	Balanced: -12 to +9 dBu Line: -24 to +4 dBu (adjustable in 3 dB-steps)	Balanced: -12 to +9 dBu Line: -24 to +4 dBu (adjustable in 6 dB-steps)
Range	300', (91 M)	450', (137 M)
Power Supply	100 - 240V / 50 - 60 Hz, 12V DC, 1A	100 - 240V / 50 - 60 Hz, 12V DC, 1A
Dimensions	205 mm (W) x 206 mm (D) x 44 mm (H) 406 mm (W) x 209 mm (D) x 44 mm (H) (R42)	205 mm (W) x 206 mm (D) x 44 mm (H) 406 mm (W) x 209 mm (D) x 44 mm (H) (R62)
Net Weight	1.92 lbs. / 870 g 4.4 lbs. / 2.0 kg (R42)	2.43 lbs. / 1.1 kg 4.65 lbs. / 2.12 kg (R62)

	H60	B60
RF Power Output	10 mW, 40 mW	10 mW, 40 mW
Frequency Bandwidth	64 MHz	64 MHz
Gain Controls	0 dB, -6 dB, -12 dB	0 dB, -6 dB, -12 dB
Input Connector	n/a	3 pin mini-XLR
Batteries Included	2 AA 1.5 V	2 AA 1.5 V
Current Consumption	110 mA typical	110 mA typical
Battery Life	14 hours	14 hours
Input Impedance	n/a	Mic: 10 kohm, Line: 1 Mohm
Max Sound Pressure Level	>140 dB (depending on capsule)	128 dB to 140 dB (depending on mic)
Dimensions	2.1" diameter body, 10.43" (L), 53 mm diameter body, 265 mm (L)	67 mm (W) x 90 mm (L) x 17 mm (D) 2.6" (W) x 3.5" (L) x .67" (D)
Net Weight	11.0 oz / 312 g (without battery)	3.0 oz / 85 g (without battery)