

RL-328 & RL-328S &RL-328SK Comparison

Model	RL-328	RL-328S	RL-328SK
General			
	31MHz 66~88MHz/136~174MHz 300~360MHz/335~400MHz 403~470MHz/450~527MHz	31MHz 66~88MHz/136~174MHz 300~360MHz/335~400MHz 403~470MHz/450~527MHz	31MHz 66~88MHz/136~174MHz 300~360MHz/335~400MHz 403~470MHz/450~527MHz
	12.5K/25kHz	12.5K/25kHz	12.5K/25kHz
	F3E	F3E	F3E
	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C
	±2.5ppm	±2.5ppm	±2.5ppm
	MX (50Ω)	MX (50Ω)	MX (50Ω)
	99 channels	256 channels	256 channels
	7.4V 1700mA 7.4V 2000mA 7.4V 2400mA	7.4V 1700mA 7.4V 2000mA 7.4V 2400mA	7.4V 1700mA 7.4V 2000mA 7.4V 2400mA
	16 * 35.6 (mm)	16 * 35.6 (mm)	16 * 35.6 (mm)
Dimensions (W×H×D)	125*65*44 (mm)	125*65*44 (mm)	125*65*44 (mm)
Weight (approximately)	380g (main unit)	380g (main unit)	380g (main unit)
Bluetooth	Non	Option	Option
IP Rating/Humidity	IP-54	IP-54	IP-54
Shock & Vibration	MIL-STD 810 C/D/E/F	MIL-STD 810 C/D/E/F	MIL-STD 810 C/D/E/F

Transmitter

Output power (Hi/Low)	5W / 1W VHF 4W / 1W UHF	5W / 1W VHF 4W / 1W UHF	5W / 1W VHF 4W / 1W UHF
Modulation Limites	±5KHz@25KHz ±2.5KHz@12.5KHz	±5KHz@25KHz ±2.5KHz@12.5KHz	±5KHz@25KHz ±2.5KHz@12.5KHz
Adjacent Channel Power	70dB@25KHz 60dB@12.5KHz	70dB@25KHz 60dB@12.5KHz	70dB@25KHz 60dB@12.5KHz
Conduct/Radiated Emission	≤ -36dBm, < 1GHz ≤ -30dBm, > 1GHz	≤ -36dBm, < 1GHz ≤ -30dBm, > 1GHz	≤ -36dBm, < 1GHz ≤ -30dBm, > 1GHz
Audio Distortion	3%	3%	3%
Hum & Noise	40dB@25KHz 38dB@12.5KHz	43dB@25KHz 40dB@12.5KHz	43dB@25KHz 40dB@12.5KHz
Audio Response	+1dB---3dB	+1dB---3dB	+1dB---3dB

Receiver

Sensitivity	-119dBm/SINAD 12dB	-119dBm/SINAD 12dB	-119dBm/SINAD 12dB
Adjacent Channel Selectivity	70dB@25KHz 60dB@12.5KHz	70dB@25KHz 60dB@12.5KHz	70dB@25KHz 60dB@12.5KHz
Spurious Response Rejection	70dB	70dB	70dB
Intermodulation	65dB	65dB	65dB
Hum and Noise	45dB@25KHz 40dB@12.5KHz	45dB@25KHz 40dB@12.5KHz	45dB@25KHz 40dB@12.5KHz
Blocking	84dB	84dB	84dB
Conducted Spurious Emission	≤ -57dBm, < 1GHz ≤ -47dBm, > 1GHz	≤ -57dBm, < 1GHz ≤ -47dBm, > 1GHz	≤ -57dBm, < 1GHz ≤ -47dBm, > 1GHz
Audio Power Output	500mW	500mW	500mW
Audio Distortion	3%	3%	3%
Audio Response	+1dB---3dB	+1dB---3dB	+1dB---3dB