

DP990/995 DMR PORTABLE RADIO

General	
Frequency Range	136~174MHz, 400~480MHz
Channel Capacity	DP990: 1024, DP995: 32
Zone Capacity	248
Channel Spacing	12.5KHz/20KHz/25KHz
Operating Voltage	7.4V DC $\pm$ 20%
Battery	2000mAh Li-ion (standard) ,3400mAh Li-ion(optional)
Dimension(with battery and without antenna)	132mmx56.5mmx38mm
Weight(with battery and antenna)	$\leq$ 371g

Transmitter	
Frequency Stability	$\pm$ 0.5 ppm
Power Output	1W/4W(UHF), 1W/5W(VHF)
Modulation Limiting	$\pm$ 2.5KHz@12.5KHz, $\pm$ 4.0KHz@20KHz, $\pm$ 5.0KHz@25KHz
FM Hum and Noise	40dB@12.5KHz, 45dB@20/25KHz
Conducted/Radiated Emission	-36dBm@<1GHz, -30dBm@>1GHz
Adjacent Channel Power	60dB@12.5KHz, 70dB@20/25KHz
Audio Response	+1~-3dB
Audio Distortion	$\leq$ 3%
4FSK Digital Modulation	12.5KHz Data:7K60F1D&7K60FXD, 12.5KHz Voice:7K60F1E&7K60FXD Combination of 12.5KHz Voice and Data:7K60F1W
FM Modulation	12.5KHz:11K0F3E, 25KHz:16K0F3E
Digital Protocol	ETSI TS 102 361-1, -2, -3, -4
Digital Vocoder Type	AMBE+2™

Receiver	
Frequency Stability	$\pm$ 0.5ppm
Analog Sensitivity	0.22uV(12dB SINAD)
Digital Sensitivity	0.22uV/BER5%
Intermodulation	TIA603C:70dB ETSI:65dB
Adjacent Channel Selectivity	ETSI:60dB@12.5KHz, 70dB@20/25KHz,
Spurious Response Rejection	TIA603C:70dB ETSI:70dB
Rated Audio Power	0.5W
Rated Audio Distortion	$\leq$ 3%(typical)
Hum and Noise	40dB@12.5KHz, 45dB@20/25KHz
Audio Response	+1~-3dB
Conducted Spurious Emission	-57dBm@<1GHz, -47dBm@1GHz

All specifications are tested according to applicable standards, and subject to change without notice due to continuous development. For more information, please visit www.kirisun.com or contact marketing.os@kirisun.com



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