

G28 PORTABLE TWO-WAY RADIO TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION

GENERAL

Frequency Range	446MHz
Channel Capacity	10
Frequency Spacing	12.5KHz
Working Voltage	7.4V
Frequency Stability	±2.5ppm
Operating Temperature Range	-25C ~ + 55C
Antenna Impedance	50Ω
Dimension excl Antenna (LxWxH)	113mx57mmx34.5mm
Weight (including Antenna and Battery)	200g
Battery Capacity	1200mAH
Battery Operating Time Average	30 hours on 5:5:90 duty cycle










TRANSMITTER

Output power	1W
Modulation Mode	16kφF3E/8kφF3E
Maximum Frequency Deviation	±5kHz/±2.5kHz
Audio Distortion	≤5%
Residual frequency modulation	-40dB/-35dB
Adjacent Channel Power	-70dB/-60dB
Spurious and Harmonic Wave	-36dBm<1GHz -30dBm>1GHz

RECEIVER

Receiving Sensivity	≤0.18uV/0.22uV
Adjacent Channels Selectivity	≥70dB/60dB
Intermediation	≥60dB
Spurious Response	≥70dB
SNR	≥50/45dB
Audio Output Power	0.5W
Audio Distortion	≤5%

Features

-  **PRE-PROGRAMMED 10 CHANNELS**
-  **TONES 50 CTCSS / 104 DCS**
-  **CRYSTAL CLEAR LOUD AUDIO**
-  **HIGH IMPACT CASING**
-  **COMPACT & LIGHTWEIGHT**
-  **SQUELCH LEVEL SETUP**
-  **TIME OUT TIMER**
-  **LONG BATTERY LIFE**
-  **CHANNEL VOICE ANNOUNCEMENT**



Standard Accessories



ANTENNA



BELT CLIP



HAND STRAP



LI-ION BATTERY



DESKTOP CHARGER



AC ADAPTER



CRS Communications Pte Ltd

62 Ubi Road 1 #01-11 Oxley Bizhub 2 Singapore 408734

Tel: +65 67486556 Fax: +65 6745 1566 WhatsApp: +65 9862 2713

Email: crscomms@singnet.com.sg Website: www.ers.com.sg