



## G5U

License Free  
Walkie - Talkie

Unique, light, Attractive design, Easy to operate

CTCSS / DCS function, Protection on against VSWR

Low Battery Alert / VOX for hand free operation

Emergency Alarm, Busy Channel Lockout

Priority Scan, Channel Annunciation

TX INHIBIT, Squelch Off



G5U portable two-way digital radio has superior audio quality, outstanding coverage, long-lasting battery life and more connects your workforce efficiently—and has the flexibility to grow with your business. G5U portables provide the features and performance needed for a wide range of workplaces. Whatever your needs, G5U provides a simple, reliable, cost-effective communication solution to help work crews connect, coordinate and collaborate to get the job done right. Improve the efficiency of your operation with easy-to-use voice communication.

# SANCHAR G5U

Product Data Sheet  
License Free Handheld  
Radios

## G5U License Free Walkie - Talkie

### Specification & MIL-STD

G5U	
General	UHF
Frequency Range	446 - 446.2 MHz
No. of Channel	16 Channels
Capacity Battery Life	2200 mAh Li-Ion (Standard)
Operating Temperature	From -25°C to +55°C
Dimension : H X W X D	120 X 62 X 42mm (Including Battery)
Weight (Net Weight)	266gm (Including Battery & Antenna)

G5U	
Receiver	
	Narrow Band
Sensitivity (12 dB SINAD)	0.2µV @20/25KHz
Intermodulation EIA	60dB
Adjacent Channel Selection	65dB
Spurious Response	65dB
Rated Audio	1W
Audio Response	+3 ~ -3 dB
Audio Distortion	≥5%
Audio Power Output	500mW / 3%
Transmitter	
Frequency Stability	2.5ppm
Adjacent Channel Power	-60dB
Modulation Limiting	+≤5Khz@25Khz
FM Hum & Noise	45dB@25Khz
Conducted/Radiated Emission	-36Bm<1GHz, -30dBm>1GHz
Audio Response	+3 ~ -3 dB
Audio Distortion	≤3%

