



# SANCHAR

WIRELESS COMMUNICATIONS LTD.

## G6U

License Free

Walkie - Talkie

UHF Analog Handheld

ETA-SD-20200201124

WPC Approved, Govt Order No.-1047{E}

Dated 18 Oct., 2018

- Hidden LED
- Unique & Light
- Name Display
- Easy to Operate
- Attractive Design
- Channel Number
- Scan, Priority Scan
- CTCSS / DCS Function
- 16 Channels, 50 CTCSS
- Protection Against High VSWR



**G6U** portable two-way radio has improved power output capability for more communication range superior audio quality, outstanding coverage, long-lasting battery life and more connects your workforce efficiently-and has the flexibility to grow with your business. **G6U** portables provide the features and performance needed for a wide range of workplaces. Whatever your needs, **G6U** 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.



MAKE IN INDIA



# G6U

## License Free Walkie - Talkie UHF Analog Handheld

### Specifications

#### General

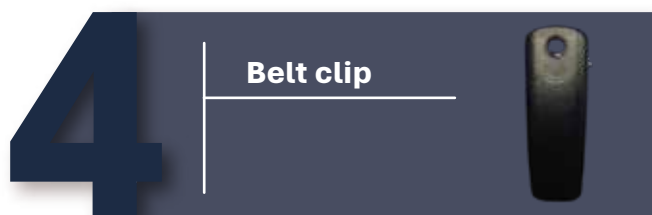
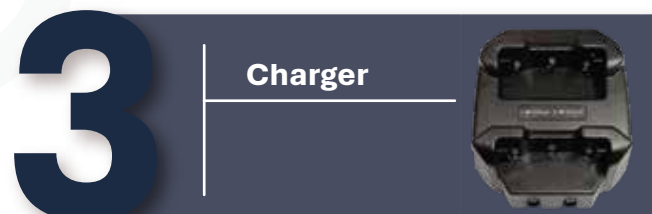
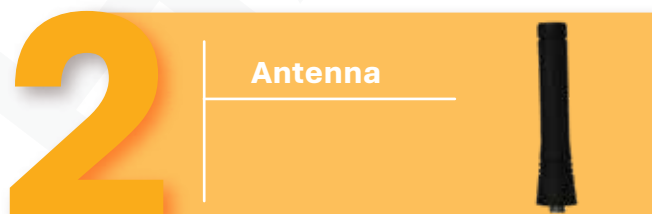
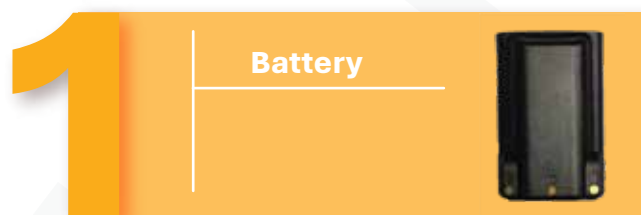
Name	License Free Two Way Radio
Model	G6U
Frequency	446-446.20MHz
Channel Capacity	16
Frequency Band	UHF
Typical RF Output	0.5W ERP
Dimension	111X57X43mm
Rated Voltage	DC: 7.4V 2600mAh
Working Temperature Range	0°C to 55°C

#### Receiver

Frequency range	446-446.20MHz
Sensitivity	0.25uV
Squelch sensitivity	0.2uV
Adjacent Channel Selectivity	Better than 60dB
Intermodulation Anti-interference	Better than 65dB
Spurious Rejection	Better than 60dB
Image Rejection	Better than 65dB
FM Noise	-40dB
RX Bandwidth	$\leq \pm 7\text{KHz}@12.5\text{KHz}$
Audio Response	+1 ~ -3dB
Audio Power	1 W
Audio Distortion	$\leq 3\%$

#### Transmitter

Frequency	446-446.20MHz
Frequency Stability	$\pm 0.5\text{ppm}$
Frequency Band	UHF
Power Output	0.5W ERP
Modulation Limit	$\leq \pm 2.5\text{KHz}@12.5\text{KHz}$
FM Hum and Noise	-40dB
Audio Response	+ 1, - 3 dB
Audio Distortion	$\leq 3\%$
FM Modulation	12.5KHz: 11KOF3E / 25KHz: 16KOF3E



Marketed: Dealer/Distributor