

# Q-RADIO

# Simple & Affordable Communication



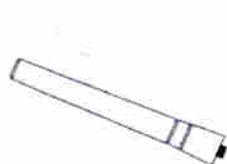
# EG66U

16 Channels  
2w output  
400 - 470 MHz  
PC Programmable  
Channel Scan  
Time Out Timer  
Low Battery Alarm  
Wide and Narrow Band  
High or Low Power  
Adjustable Squelch Level  
VOX  
Dual Watch  
Voice Prompt  
Password Protection  
(Use with caution)

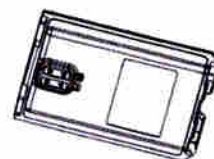
#### SPECIFICATIONS

Channel: 16  
Operating Voltage: 3.6V  
Frequency Stability:  $\pm 2.5$ ppm  
Operating Temperature:  $-25^{\circ}\text{C} \sim +65^{\circ}\text{C}$   
Working Manner: Same frequency simplex or  
different frequency simplex  
Antenna Impedance: 50 $\Omega$   
Battery: 1000mAh (lithium battery)  
Dimensions(H\*W\*D)(without antenna):  
107mmx54mmx36mm  
Weight (with antenna and battery): 165.5g  
Modulation (W/N): 16K $\Phi$ F3E/11K $\Phi$ F3E  
Maximum Frequency Deviation (W/N):  
 $\leq 5$ KHz/ $\leq 2.5$ KHz  
Stray Power  $\leq 7.5\mu\text{W}$   
Adjacent Channel Power:  $\leq -65$ dB/ $\leq -60$ dB  
CTCSS/DCS Frequency Deviation (W/N):  
0.7 $\pm$ 0.1KHz/0.4 $\pm$ 0.1KHz  
Modulation Sensitivity: 8-12mV  
Emission Current:  $\leq 1.3$ A  
Sensitivity:  $\leq 0.25/0.28\mu\text{V}$   
Audio Power:  $\leq 0.5$ W  
Audio Distortion:  $\leq 10\%$   
Intermodulation (W/N):  $\geq 60$ dB/ $\geq 55$ dB  
Adjacent Channel Selectivity (W/N):  $\geq 65$ dB/ $\geq 60$ dB  
Spurious Rejection:  $\geq 65$ dB  
Receiving Current:  $\leq 380$ mA

# SUPPLIED ACCESSORIES



Antenna



Li-ion battery pack (3.6V)



Belt clip



Battery charger



User's manual