

# RB17P

GMRS 30 Channel Two Way Radio  
with 1.7inch Thin Film Transistor

RETCVIS

## Feature:

- Indicator
- Channel Switch
- Power Switch
- PTT
- Monitor
- Squelch Level
- TOT
- Voice Annunciation
- Power Saving Function
- Battery Voltage Alert
- Busy Channel Lockout
- High /Low Power Switch
- VOX
- OT/DQT
- Remote & Local Alarm Function
- Compandor



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## General Specifications

Frequency Range:	GMRS: TX: 462.5500-467.7250MHz , RX:462.5500-462.7250MHz
Channel Capacity:	30
Channel Spacing:	12.5KHz
Antenna Impedence:	50Ω
Frequency tolerance:	$\leq 2.5 \times 10^{-6}$
Working Voltage:	7.4V DC
Battery capacity:	2200mAh(Li-ion)
Size:	120(H)*58(W)*39(D)mm
Operating temperature:	-30~+60°C
Net weight:	About 250g

## Transmitter

Output Power:	5W/0.5W
Carrier Frequency Tolerance:	$\leq 2.5 \times 10^{-6}$
Modulation Mode:	11K0F3E
Modulation Limiting:	$\pm 2.5K$
Modulation Distortion:	$\leq 5\%$
Audio Response:	+1/-3 dB
FM Hum & Noise:	<-35 dB
Transmit spurious emission:	$\leq -36\text{dBm}@9\text{kHz}\sim 1\text{GHz}$ , $\leq -30\text{dBm}@1\text{GHz}\sim 12.75\text{GHz}$
Adjacent Channel Power:	>60dB

## Receiver

Squelch Sensitivity:	$\leq 0.22 \mu\text{V}$
Audio Power:	1W@16Ω
Audio Distortion:	<5%
FM Hum & Noise:	<-38dB
Inter-modulation response immunity:	$\geq 65\text{dB}$
Adjacent channel selectivity:	$\geq 60\text{dB}$
Co-Channel inhibition:	$\geq -12\text{dB}$
Spurious Response Immunity:	$\geq 70\text{dB}$
Blocking:	$\geq 85\text{dB}$

## Package includes:

- 1\*RB17P two way radio
- 1\*Battery
- 1\*Back clip
- 1\*Lanyard
- 1\*USB Charger
- 1\*User Manual



CE FC RoHS



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