

# RA25

**RETCV**IS

Dual Band Transceiver Mobile Radio Two Way  
Amateur Radio For VHF/UHF & GMRS

## Feature:

- Adopt superior quality material, better technology and high quality radiator to ensure stable and durable operation;
- 1.44 Inch TFT display;
- Amateur mode and professional mode for different operation requirement;
- US 30 & EU 500 programmable memory channels, identified by editing name;
- CTCSS, DCS, DTMF, 2Tone, 5Tone setting for each single channel,
- 11 groups fixed scrambler code plus self define scrambler code;
- LCD brightness control;
- Main unit and microphone key lock function;
- Comander function;
- Tone Pulse frequency;



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## GENERAL

Frequency Range:	US: GMRS: TX: 462.5500-467.7250MHz RX:462.5500-462.7250MHz FM:86.7-108MHz EU: VHF:144-146MHz UHF:430-440MHz FM: 86.7-108MHz
Number of Channels:	US: 30 channels EU: 500 channels
Channel Spacing:	25K (Wide Band) 12.5K (Narrow band)
Phase-locked Step:	2.5KHz,5KHz,6.25KHz,10KHz,12.5KHz,15KHz,20KHz, 25KHz,30KHz,50KHz
Operating Voltage:	DC 13.8V±15% (Standard version) DC 12V~28V (Optional version)
Squelch:	Carrier/CTCSS/DCS/5Tone/2Tone/DTMF
Frequency Stability:	±2.5ppm
Operating Temperature:	-20°C~+60°C
Dimensions(mm):	124x101x36m
Weight:	0.45kg (mian unit)

## RECEIVER

	Wide band	Narrow band≤0.25μV
Sensitivity (12dB Sinad):	≤0.25μV	≤0.35μV
Adjacent Channel Selectivity:	≥70dB	≥60dB
Audio Response:	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)
Hum & Noise:	≥45dB	≥40dB
Audio distortion:	<3%	
Audio power output :	> 2W@10%	

## TRANSMITTER

	Wide band	Narrow band
Power Output:	US: ≤20W	EU: UHF: ≤18W VHF: ≤20W
Modulation:	16KΦF3E	11KΦF3E
Adjacent Channel Power:	≥70dB	≥60dB
Hum & Noise:	≥40dB	≥36dB
Spurious Emission:	≥60dB	≥60dB
Audio Response:	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)
Audio Distortion:	≤5%	

## Package includes:

- 1 x Mobile radio
- 1 x Microphone
- 1 x microphone Hanger
- 2 x Adjusting screws
- 4 x Pads
- 1 x Fuse
- 2 x non-slip mat
- 4 x Screws
- 1 x Mobile Bracket
- 1 x User manual



CE FC RoHS



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