

BAOFENG® Fujian Nanan Baofeng Electronics Co., Ltd

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1. Our hot sales and popular Two-way Radio

1) UV-B5



- 1) Output : 5W/2W
- 2) Frequency Range: 136.00-174.00 MHz
400.00-470.00 MHz
- 3) PC or Manual Program
- 4) Radio Function
- 5) Voice Prompt
- 6) DTMF Code
- 7) 50 CTCSS and 104 DCS Codes
- 8) Time-out Timer (TOT)
- 9) Step Frequency (5,6.25,10,12.5,20,25KHz)
- 10) Battery Saving
- 11) VOX Function
- 12) Busy Channel Lock Function
- 13) Low Battery Warning
- 14) Dual Band, Dual Display and Dual Standby
- 15) Auto Back Light
- 16) 3 Scanning Ways (Time, Carrier wave, Search)
- 17) PTT-ID (Press PTT to transmit code, release PTT to transmit code, or both can transmit code)
- 18) Frequency Difference Setting

- 19) Keypad Number directly choose the Menu Function
- 20) Reverse Frequency Function
- 21) Emergency Alarm
- 22) High &Low Power Switchover
- 23) Priority Scanning Function
- 24) Wide/Narrow Band Selection
- 25) ANI Code Edition
- 26) Relay Forwarding Confirmed (1750 HZ)
- 27) Noise Reduction
- 28) U/V Cross Band Dual Watch
- 29) Dimension: 116x58x36mm
- 30) Packing Details; 30 Units/CTN, Carton Size: 52.5x33x67 cm

N. W: 16 KGS G.W: 17 KGS

Technical Index:

Unity Section:

Frequency Range:	136.00-174.00 MHz 400.00- 470.00MHz
Storage Channel	99
Step Frequency	2.5/5/6.25/10/12.5/20/25KHz
Rated voltage	DC 7.4 V
Battery Capacity	H-1800 mAh
Battery Life	About 10 Hours
Frequency Stability	±2.5ppm
Work Temperature	-20 °C to +60°C
Frequency Combination	PLL frequency synthesis
Antenna Impedance	50 Ω
Wok Mode	Same Frequency simplex Operation or Different Frequency simplex Operation
Dimension	116x58x 36 mm (Excluded Antenna)

Transmitter

Output Power	5W/ 2 W
Modulation Mode(W/N Band)	FM (F3E)
Maximum Frequency Deviation (W/N Band)	<5KHz(W), <2.5KHz(N)
Spurious Power	≤7.5 μW
Adjacent channel power	65dB (W) ,55dB (N)
Spurious Radiation	<-60 dB
Audio Distortion	<5 %
SNR	45dB(W), 40dB(N)
CTSCC/DCS Frequency Deviation(W/N Band)	0.7±0.1KHz (W), 0.4±0.1KHz (N)
Modulation Sensitivity	8-12mV
Transmitting Current	≤1200mA

Receiver

Sensitivity	<0.20 μ V (12dB SINAD)
Audio Power	1W
Inter modulation Interference Resistance	≥ 65 dB (W), ≥ 55 dB (N)
Adjacent channel Sensitivity (W/N Band)	≥ 65 dB (W), ≥ 55 dB (N)
Audio Distortion	<5 %
Receiving Current	≤ 400 m A

Note:

- Specifications are subject to change for technology improvement without notice

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