

PRODUCT LITERATURE
Baofeng™ UV-32
TWO-WAY RADIOS

BAOFENG™ UV-32 TWO-WAY RADIO

YOU'RE SIMPLY MORE EFFICIENT



Introduction

The Baofeng UV-32 is a popular and powerful walkie talkie designed for both professional and personal communication. It is widely used in security services, event management, construction sites, hotels, outdoor activities, emergency situations, and by amateur (HAM) radio operators.

Uses

The Baofeng UV-32 is ideal for security guards, event coordinators, warehouse staff, trekking and camping groups, and emergency communication. It provides fast, reliable, and instant communication without depending on mobile networks.

Connectivity

This walkie talkie supports UHF (400–520 MHz) frequency band. The Dual band As Per WPC Allotted Frequency to User. It also supports external antennas, which help improve signal strength and communication range.

Transmission

The Baofeng UV-32 offers a maximum RF output power of 5W-10W with high and low power modes. It uses FM modulation and supports both wideband and narrowband operation. The maximum frequency deviation is ± 5.0 kHz in wideband and ± 2.5 kHz in narrowband, ensuring clear and stable transmission.

Reception

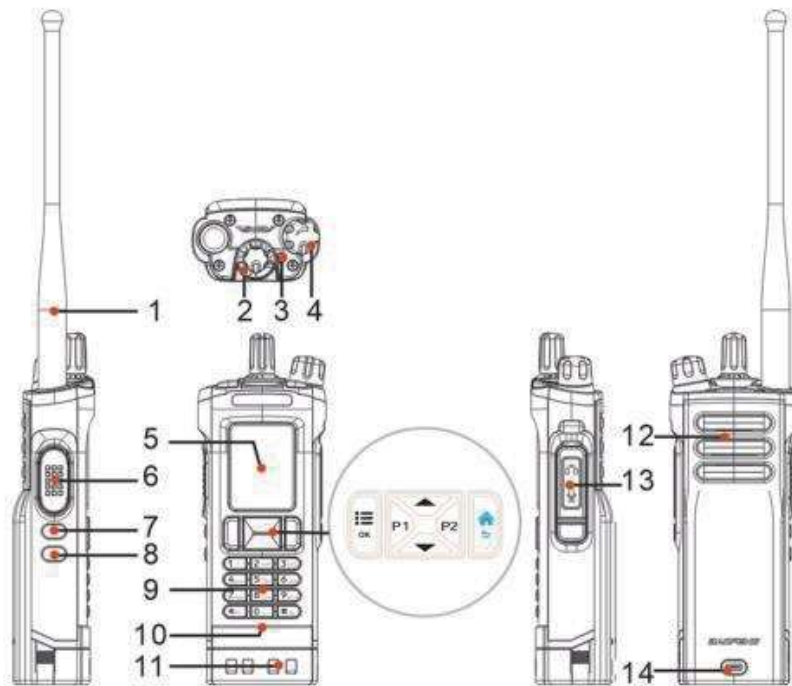
With a receiver sensitivity of $0.2 \mu\text{V}$ at 12 dB SINAD, the UV-32 can receive weak signals clearly. Low spurious emissions (less than -60 dB) help reduce interference and improve overall communication quality.

Specifications

The device features 1000 mW audio output, good adjacent channel selectivity, and emission classes 12.5K#F3E (wideband) and 1K#F3E (narrowband). Overall, the Baofeng UV-32 is a reliable, versatile, and cost-effective walkie talkie for clear and efficient two-way communication.

PRODUCT LITERATURE

Baofeng™ UV-32
TWO-WAY RADIOS



Buttons and Controls of the Radio

- | | |
|---|---------------------------------|
| 1. Antenna | 8. Side Key (SK2)-Sweep/Monitor |
| 2. Encoder/channel selector switch | 9. Numeric keypad |
| 3. TX_RX status indication. | 10. Built-in Microphone |
| 4. Power/Volume knob | 11. Charge contact |
| 5. 2" color LCD screen | 12. Speaker |
| 6. PTT key | 13. Accessory port |
| 7. Side key (SK1) - short press to customize function,
long press to emergency alarm | 14. Type-C charging port |

"SK1" customization function

SK1 allows you to set short cut functions through the CPS programming software or the radios menu.

Appendix C – Technical Specifications

General Specifications

Frequency Range (MHz):	400-520 Mhz , As Per WPC Allotted Frequency to User
Memory Channels:	128 channels total (0-127)
Frequency Stability:	±2.5 ppm
Frequency Step (kHz):	2.5 / 5.0 / 6.25 / 10.0 / 12.5
Antenna Impedance:	50 Ohm
Antenna Gain:	3.7dBi
Operating Temperature:	-15°C to +55°C
Supply Voltage:	7.4DC
Current Consumption:	≤75 mA (standby) 380 mA (reception) ≤1.4 A (transmission)
Mode of Operation:	Simplex
Duty Cycle:	03 / 03 / 54 minutes (RX / TX / Standby)
Dimensions (mm):	58 × 110 × 32
Weight:	350 g
Max. Output Power	5W/10W

PRODUCT LITERATURE
Baofeng™ UV-32
TWO-WAY RADIOS

Transmitter Specifications

RF Power (Watts):	5W/10W
Frequency Range (MHz):	400-520 Mhz , As Per WPC Allotted Frequency to User
Type of Modulation:	F3E
Emission Class:	• 12.5K#F3E (Wide Band) • 1K#F3E (Narrow Band)
Maximum Deviation (kHz):	• $\leq \pm 5.0$ kHz (Wide Band) • $\leq \pm 2.5$ kHz (Narrow Band)
Spurious Emissions:	• < -60 dB

Receiver Specifications

Frequency Range (MHz):	400-520 Mhz , As Per WPC Allotted Frequency to User
Receiver Sensitivity:	0.2 μ V (at 12 dB SINAD)
Intermodulation:	60 dB
Audio Output:	1000 mW
Adjacent Channel Selectivity:	65 / 60 dB

Disclaimer

The accuracy and completeness of the contents are sought in the process of compilation, but we do not bear any responsibility for the possible errors or omissions. With the continuous development of technology, we reserve the right to change the design and specification of the product without notice. No copy, modification, translation and dissemination of this handbook may be made in any form without the prior written authorization of our department. If you need more information or have any suggestions for this manual, write to us Email: support@baofengradios.com.

Contact Us:

Sales & Marketed By:

G.S. TeleCommunication Limited Unit 614A, Tower B4, Spaze IT Park Sohna Road
Sector 49, Gurgaon Haryana 122018 Email: support@baofengradios.com
Mob. No. : +91-9999323328

Manufactured by:

Shopperclue Webtrade India Pvt. Ltd. Unit 614, Tower B4, Spaze IT Park Sohna Road
Sector 49, Gurgaon Haryana 122018