Pilipane BF 17

Pilipane Baofeng BF 17 Two-Way Radio User Manual

Model: BF 17

1. Introduction

This manual provides detailed instructions for the operation and maintenance of your Pilipane Baofeng BF 17 Two-Way Radio. The BF 17 is a versatile handheld transceiver designed for reliable communication across various frequency bands, featuring a user-friendly interface and robust construction.





Image 1.1: Front view of the Pilipane Baofeng BF 17 Two-Way Radio, showcasing its orange and black design with a screen and keypad.

2. Key Features

The Baofeng BF 17 radio incorporates several features to enhance communication and user experience:

- **Large TFT Screen and Full Keyboard:** Equipped with a 1.77-inch TFT screen and a complete keypad for straightforward navigation and manual frequency input.
- **Channel Management:** Supports 10 area storage locations, managing up to 1000 channels without the need for complex programming software.
- **One-Key Frequency Matching:** Facilitates quick frequency matching and scanning, simplifying group communication setup.

- **Dual Watch, Band, and Reception:** Offers versatile functionality across FM Radio (65-108MHz), AM Aviation Band (108-136MHz), and multiple VHF/UHF bands.
- **Secure Communication:** Features frequency hopping and scrambling, along with anti-interference and noise reduction, to ensure clear and confidential calls.
- **Advanced Scan Function:** Supports channel scanning, addition, deletion, and frequency scanning, with customizable VFO scan ranges and sub-audio/priority scanning options.



Image 2.1: Illustration of the Baofeng BF 17's tri-band capabilities, showing U segment (400-520MHz), V segment (136-174MHz), and Amateur (220-260MHz) frequency ranges.



Image 2.2: Depiction of the radio's strong signal penetration and high power, illustrating its effective range in urban environments.



Image 2.3: Visual representation of the radio's durable ABS+PC body, designed to be heat, fall, and wear resistant.

3. Setup and Initial Use

3.1. Charging the Battery

Before first use, ensure the radio's battery is fully charged. The BF 17 supports Type-C portable charging, allowing you to charge it using a computer USB port, power bank, or standard socket plug.



Image 3.1: Close-up of the radio's Type-C charging port, indicating its compatibility with various USB power sources.



Image 3.2: The Baofeng BF 17 radio placed on its charging base, ready for power replenishment.

3.2. Powering On/Off

To power on the radio, rotate the power/volume knob clockwise until you hear a click. To power off, rotate the

knob counter-clockwise until it clicks.

3.3. Attaching the Antenna

Carefully screw the antenna into the connector on the top of the radio until it is finger-tight. Do not overtighten.

4. Operating Instructions

4.1. Manual Frequency Input

The 1.77-inch TFT screen and full keypad allow for direct manual frequency input. Use the numeric keypad to enter desired frequencies. The menu system is fully open for configuration.

4.2. One-Key Frequency Matching

The radio features a one-key frequency matching and scan function. This allows for quick copying of channel configuration parameters from another radio, facilitating easy group communication setup.



Image 4.1: Illustration of the automatic frequency matching function, showing two individuals using the radios to establish communication.

4.3. Channel Management

The BF 17 supports up to 1000 channels across 10 area storage locations. Channels can be managed directly through the radio's menu interface.

4.4. VOX Function

A dedicated side key provides quick access to the VOX (Voice Operated Exchange) function, enabling hands-free transmission.

4.5. Scanning Functions

The radio offers advanced scanning capabilities:

- **Channel Scanning:** Scans through programmed channels.
- **Frequency Scanning:** Scans a specified frequency range.
- **Sub-Audio Scanning:** Detects sub-audible tones.
- **Priority Scanning:** Monitors a priority channel while scanning others.

Three scanning recovery modes are available, and the VFO frequency scan range can be customized.

4.6. Dual Watch, Band, and Reception

The BF 17 can monitor two frequencies simultaneously (Dual Watch) and operate across multiple bands, including FM Radio (65-108MHz), AM Aviation Band (108-136MHz), and various VHF/UHF bands.

4.7. Secure Communication

To enhance privacy and clarity, the radio employs frequency hopping and scrambling features. Anti-interference and noise reduction technologies further improve call quality in challenging environments.

5. Technical Specifications

Feature	Specification
Brand	Pilipane
Model Number	Pilipanequydmwgng2-EU
Color	Orange
Screen	1.77 inch TFT
Channel Capacity	Up to 1000 channels
Frequency Bands	FM Radio (65-108MHz), AM Aviation Band (108-136MHz), VHF/UHF
Charging Port	Type-C
Batteries Required	No (Internal/Rechargeable)
Package Dimensions	20 x 12 x 11 cm
Item Weight	581.43 g
Country of Origin	China





33.5cm/13.18in



Image 5.1: Diagram illustrating the physical dimensions of the Baofeng BF 17 radio, showing its height (33.5cm/13.18in), width (6cm/2.36in), and depth (4cm/1.57in).

6. Maintenance and Care

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in constant use.
- **Antenna:** Ensure the antenna is securely attached but do not overtighten. Avoid bending or stressing the antenna.

7. Troubleshooting

7.1. No Power

- Check if the battery is charged.
- Ensure the power/volume knob is rotated clockwise to the 'on' position.

7.2. Cannot Transmit or Receive

- Verify that the frequency or channel is correctly set.
- Ensure the antenna is properly attached.
- Check if the battery level is sufficient for transmission.
- Confirm that you are within range of the other radio(s).

7.3. Poor Audio Quality

- Adjust the volume level.
- Check for obstructions between radios.
- Ensure the radio is not too close to other electronic devices that may cause interference.
- Verify that the noise reduction feature is configured appropriately.

8. Warranty Information

Specific warranty details for the Pilipane Baofeng BF 17 radio may vary by region and retailer. Please refer to the warranty card included with your product or contact your point of purchase for detailed information regarding warranty coverage and terms.

9. Customer Support

For further assistance, technical support, or service inquiries, please contact Pilipane customer support through their official website or the retailer from whom you purchased the product. Keep your purchase receipt and model number (Pilipanequydmwgng2-EU) ready when contacting support.

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