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AWANFI 2AYV7YG-811

AWANFI 2AYV7YG-811 Two-Way Radio User Manual

Model: 2AYV7YG-811

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1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your AWANFI 2AYV7YG-811 Two-Way Radios. Please read this manual thoroughly before operating the device and retain it for future reference. These radios are designed for reliable communication over short to medium distances, featuring 22 channels and rechargeable batteries.



Image 1.1: AWANFI 2AYV7YG-811 Two-Way Radio. This image displays the front view of the AWANFI two-way radio, highlighting its compact design and main controls.

2. PARTS LIST

Ensure all items listed below are present in your package:

- 2 x AWANFI Two-Way Radios (Model: 2AYV7YG-811)
- 3 x Belt Clips

- 1 x 3-in-1 Type-C Charging Cable
- 1 x User Manual (this document)

3. SETUP

3.1. Battery Installation and Charging

1. **Initial Charge:** Before first use, fully charge the radios. Connect the 3-in-1 Type-C charging cable to the charging port on the radio and to a compatible USB power adapter (not included).
2. **Charging Indicator:** The radio's display or an indicator light will show charging status. A full charge typically takes several hours.
3. **Battery Type:** The radios use 1200mAh Li-ion rechargeable batteries. Do not attempt to replace with non-standard batteries.

3.2. Attaching the Belt Clip

1. Align the belt clip with the designated slots on the back of the radio.
2. Slide the clip downwards until it clicks securely into place.
3. To remove, lift the tab on the belt clip and slide it upwards.

4. OPERATION

4.1. Power On/Off

- **To Power On:** Press and hold the **Power/Menu** button until the display illuminates.
- **To Power Off:** Press and hold the **Power/Menu** button until the display turns off.

4.2. Channel Selection

- The radios feature 22 available channels.
- Press the **Menu** button once to enter channel selection mode.
- Use the **Up** or **Down** buttons to select your desired channel.
- Press the **PTT** button or **Menu** button again to confirm and exit.
- *Note:* Both radios must be on the same channel to communicate.

4.3. Privacy Codes (CTCSS/DCS)

The radios support 99 privacy codes (CTCSS/DCS) to help reduce interference from other users on the same channel. When a privacy code is set, you will only hear transmissions from radios using the same channel and privacy code.

1. Press the **Menu** button twice to enter privacy code selection mode.
2. Use the **Up** or **Down** buttons to select a privacy code.
3. Press the **PTT** button or **Menu** button again to confirm.

4.4. Push-to-Talk (PTT)

- To transmit, press and hold the **PTT** button located on the side of the radio. Speak clearly into the microphone.
- Release the **PTT** button to listen for a response.

4.5. VOX (Voice Operated Exchange)

VOX allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice.

1. Press the **Menu** button multiple times until the VOX icon appears on the display.
2. Use the **Up** or **Down** buttons to select a VOX sensitivity level (e.g., 1-3, with 3 being most sensitive).
3. Press the **PTT** button or **Menu** button again to confirm.

4.6. Call Alert

To send an audible alert tone to other radios on the same channel:

- Press the **Call** button (usually a dedicated button or a function accessed via the Menu). The radio will transmit a distinct tone.

4.7. Integrated Flashlight

The radio includes a built-in flashlight for convenience in low-light conditions.

- Press the **Flashlight** button (or a designated function key) to turn the flashlight on or off.

4.8. Keypad Lock

To prevent accidental changes to settings:

- Press and hold the **Lock** button (or a combination like **Menu + Up/Down**) until a lock icon appears on the display.
- Repeat the action to unlock the keypad.

4.9. Auto Scan

The Auto Scan feature allows the radio to automatically scan through channels to find active transmissions.

- Press the **Scan** button (or a designated function key) to activate channel scanning.
- The radio will stop on an active channel. Press **PTT** to transmit on that channel or **Scan** again to resume scanning.

5. MAINTENANCE

5.1. Cleaning

- Wipe the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port is free of dust and debris.

5.2. Battery Care

- To maximize battery life, avoid fully discharging the battery frequently.
- Store the radio in a cool, dry place when not in use for extended periods.
- Recharge the battery at least once every three months if stored for long durations.

5.3. Storage

- Store the radios in a dry environment, away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Battery discharged or improperly installed.	Charge the battery. Ensure battery is correctly seated.
Cannot communicate with other radios	Radios on different channels or privacy codes. Out of range.	Ensure all radios are on the same channel and privacy code. Move closer to the other radio.
Poor audio quality	Weak signal, interference, or low battery.	Move to an open area. Check battery level. Avoid sources of interference.
Keypad unresponsive	Keypad lock is active.	Unlock the keypad (refer to section 4.8).

7. SPECIFICATIONS

- Model:** 2AYV7YG-811
- Brand:** AWANFI
- Number of Channels:** 22 FRS Channels
- Privacy Codes:** 99 (CTCSS/DCS)
- Talking Range Maximum:** Up to 3 Kilometers (in open fields)
- Battery Type:** 1200mAh Li-ion Rechargeable Battery (2 required)
- Charging:** USB Type-C
- Special Features:** Call Alert, Integrated Flashlight, Keypad Lock, VOX, Auto Scan, 10 Call Tone Alerts, SOS Siren
- Water Resistance Level:** Not Water Resistant
- Included Components:** 2 x Radios, 3 x Belt Clips, 1 x 3-in-1 Type-C Cable, User Manual

8. WARRANTY & SUPPORT

8.1. Warranty Information

This AWANFI product is covered by a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact AWANFI customer support. Refer to the contact information provided on the product packaging or the official AWANFI website for the most up-to-date support details.

Manufacturer: Shenzhen yizhongge Electronic Co., Ltd