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Joanbro IR2

Joanbro IR2 Hearing Amplifier User Manual

Model: IR2

1. Introduction

The Joanbro IR2 Hearing Amplifier is designed to enhance sound for clearer conversations and improved listening experiences in various environments. This device features adjustable volume and tone controls, multiple microphone options, and two types of headphones to suit individual needs and situations. Please read this manual carefully to ensure proper use and maintenance of your device.

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Video: Joanbro Hearing Amplifiers with 3 Mics for Optional. This video demonstrates the various features and uses of the Joanbro IR2 Hearing Amplifier, including its different microphone modes and how it can improve hearing in daily situations.

2. What's in the Box

- Joanbro IR2 Hearing Amplifier Unit
- 3 Types of Microphones (Main Mic, Long Mic with 2M extension cable, TV Mic with 6M cable and fastening strap)
- Under-chin In-ear Headphones
- Stereo In-ear Earbuds
- 2 AAA Batteries
- 3 Sizes of Ear Tips

3. Product Overview

Familiarize yourself with the components and controls of your Joanbro IR2 Hearing Amplifier.



Image: Product Overview. This image displays the Joanbro IR2 Hearing Amplifier unit, highlighting the Tone control, OFF/ON Volume control, Battery Compartment, Belt Clip, MIC IN (3.5mm), AUDIO OUT (3.5mm), and Power on/off Indicator.

- **Tone Control:** Adjusts the sound frequency (Bass/Normal/Treble) for personalized listening.
- **OFF/ON Volume Control:** Turns the device on/off and adjusts the overall volume level.
- **Battery Compartment:** Houses 2 AAA batteries.
- **Belt Clip:** Allows for convenient attachment to clothing for hands-free use.
- **MIC IN (3.5mm):** Port for connecting the desired microphone.
- **AUDIO OUT (3.5mm):** Port for connecting headphones.
- **Power On/Off Indicator:** Light that indicates the device's power status.

4. Setup

Follow these steps to set up your Joanbro IR2 Hearing Amplifier for first use.



Image: Start Hearing Clearly in Just 4 Steps. This image illustrates the four main setup steps: inserting batteries, plugging in the microphone and headphones, turning on and adjusting volume/tone, and clipping the device.

1. **Insert Batteries:** Open the battery compartment on the back of the unit and insert the two included AAA batteries, ensuring correct polarity.
2. **Connect Microphone and Headphones:** Select the appropriate microphone for your situation (Main, Long, or TV Mic) and plug it into the MIC IN (3.5mm) port. Then, plug your preferred headphones (Under-chin or Stereo Earbuds) into the AUDIO OUT (3.5mm) port.
3. **Turn On and Adjust:** Turn the OFF/ON Volume control knob clockwise to power on the device. Start with a low volume setting and gradually increase it to a comfortable level. Adjust the Tone control (Bass/Normal/Treble) to optimize sound clarity for your hearing preference.

4. **Position the Device:** Use the built-in belt clip to attach the amplifier to your belt, pocket, or waistband for hands-free use. Alternatively, place it on a stable surface near the sound source.

5. Operating Instructions

Volume Control

The OFF/ON Volume control knob manages both power and amplification level. Rotate clockwise to turn on and increase volume, and counter-clockwise to decrease volume and turn off. Always start with a low volume to avoid sudden loud sounds.

Tone Control

The Tone control knob allows you to fine-tune the sound frequency. Experiment with the Bass, Normal, and Treble settings to find the clearest sound for different voices and environments.

Microphone Usage

The Joanbro IR2 comes with three interchangeable microphones for various listening scenarios:

- **Main Mic:** Ideal for face-to-face conversations and general use. Plug directly into the MIC IN port.



Image: Main Microphone. The amplifier unit shown with the standard main microphone attached.

- **Long Mic (2M Extension Cable):** Provides flexibility for positioning the microphone closer to a speaker or sound source that is further away. Connect the main mic to the extension cable, then plug the extension cable into the MIC IN port.

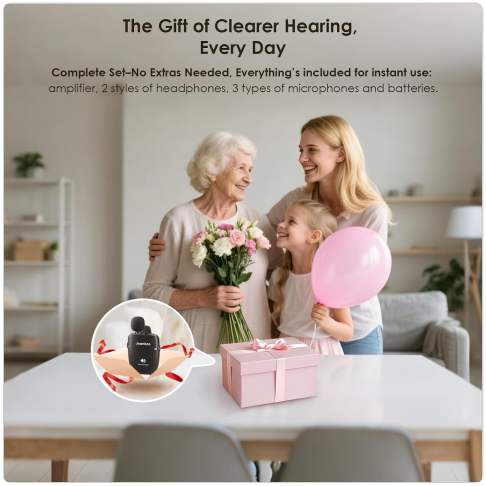


Image: Long Microphone. The amplifier unit shown with the long microphone and its extension cable attached.

- **TV Mic (6M Cable & Fastening Strap):** Designed for direct audio input from a television, allowing you to hear TV programs clearly without disturbing others. Connect the TV mic to the MIC IN port and use the fastening strap to secure it near the TV speaker.



Image: TV Microphone. The amplifier unit shown with the TV microphone and its long cable attached.

Headphone Usage

The device includes two types of headphones for different preferences:

- **Under-chin In-ear Headphones:** Comfortable for extended home use, designed to reduce outside noise and minimize feedback.

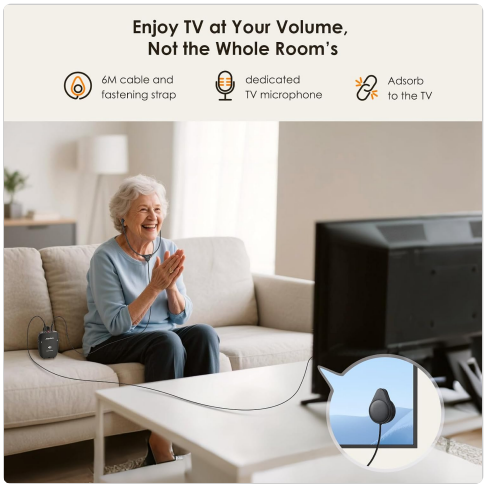


Image: Under-chin Headphones. The amplifier unit shown with the under-chin style headphones connected.

- **Stereo In-ear Earbuds:** Discreet and suitable for use when out and about. Comes with three sizes of ear tips for a secure and comfortable fit.



Image: Stereo Earbuds. The amplifier unit shown with the stereo earbuds connected.

6. Maintenance

- **Cleaning:** Wipe the amplifier unit and microphones with a soft, dry cloth. Do not use liquid cleaners.
- **Ear Tips:** Regularly clean ear tips with a damp cloth and mild soap, then dry thoroughly. Replace ear tips if they become worn or damaged.
- **Battery Replacement:** Replace AAA batteries when the power indicator light dims or the sound quality deteriorates. Always use fresh alkaline batteries.
- **Storage:** When not in use, store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if storing for an extended period.
- **Cable Care:** Handle cables gently to prevent damage. Avoid sharp bends or excessive pulling.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound or very low volume	• Device is off • Low or dead batteries • Volume too low • Microphone or headphones not fully plugged in • Incorrect microphone selected for environment	• Turn the device on • Replace batteries • Increase volume gradually • Ensure all connections are secure • Switch to a more suitable microphone (e.g., Main Mic for close conversations)
Sound is distorted or unclear	• Volume too high • Tone setting is unsuitable • Microphone too close to sound source or experiencing feedback • Damaged microphone or headphones	• Decrease volume • Adjust Tone control (try 'Normal' first) • Reposition microphone further from the sound source or reduce volume • Test with different microphone/headphones if available
Screeching or feedback noise	• Microphone too close to headphones • Volume too high • Loose connection	• Ensure microphone and headphones are not too close to each other • Lower the volume • Check all cable connections
Short battery life	• Old or low-quality batteries • High volume usage	• Use fresh, high-quality alkaline AAA batteries • Reduce volume if possible

8. Specifications

- **Brand:** Joanbro
- **Model Name:** IR2
- **Color:** Black+Silver
- **Material:** Plastic
- **Power Source:** Battery Powered (2 AAA batteries, included)

- **Battery Cell Composition:** Alkaline
- **Fit Type:** Behind-the-Ear (for under-chin headphones) / In-Ear (for stereo earbuds)
- **Control Type:** Button Control (knobs)
- **Noise Control:** Environmental Noise Cancellation
- **UPC:** 763559817368

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Joanbro customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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