

MAANIHTYUW AK-170

AK-170 Mini HiFi Stereo Audio Power Amplifier User Manual

Model: AK-170 | Brand: MAANIHTYUW

1. INTRODUCTION

The MAANIHTYUW AK-170 is a compact and efficient mini HiFi stereo audio power amplifier designed for home use. It provides 20W+20W dual-channel output, suitable for driving passive speakers and enhancing your audio experience. Its small footprint makes it ideal for desktop setups, small rooms, or as a component in a larger audio system.

2. PRODUCT FEATURES

- **High-Quality Electronic Components:** Constructed with reliable electronic components for stable and long-lasting performance.
- **User-Friendly Design:** Simple to install and operate with intuitive controls.
- **Versatile Applications:** Suitable for various audio setups, including home entertainment, desktop audio, and small commercial spaces.
- **Compact Size:** Mini design allows for easy placement in limited spaces.
- **Dual Channel Output:** Delivers stereo sound with 20W per channel.

3. PACKAGE CONTENTS

Please check the package for the following items:

- AK-170 Mini HiFi Stereo Audio Power Amplifier Unit
- Power Adapter (DC 12V)
- User Manual

If any items are missing or damaged, please contact customer support.

4. SAFETY INFORMATION

To ensure safe operation and prevent damage, please read and follow these safety guidelines:

- Do not expose the amplifier to water, moisture, or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Use only the provided or recommended power adapter.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Disconnect power before making any connections or disconnections.

5. SETUP

Follow these steps to set up your AK-170 amplifier:

1. **Connect Speakers:** Connect your passive speakers to the speaker terminals on the rear of the amplifier. Ensure correct polarity (+ to + and - to -) for each channel.
2. **Connect Audio Source:** Connect your audio source (e.g., smartphone, tablet, CD player, computer) to the audio input jacks on the rear of the amplifier using an appropriate audio cable.
3. **Connect Power:** Plug the DC 12V power adapter into the power input jack on the amplifier, then plug the adapter into a wall outlet.
4. **Placement:** Place the amplifier on a stable, flat surface, ensuring adequate ventilation.



Figure 5.1: Front view of the AK-170 amplifier showing volume, bass, and treble controls.

6. OPERATING INSTRUCTIONS

Once the amplifier is set up, follow these steps to operate it:

1. **Power On:** Press the "POWER" button on the front panel to turn on the amplifier. The power indicator light will illuminate.
2. **Adjust Volume:** Rotate the large "VOLUME" knob clockwise to increase the sound level and counter-clockwise to decrease it. Start with a low volume and gradually increase it.
3. **Adjust Tone:** Use the "BASS" and "TREBLE" knobs to adjust the low and high frequencies of the audio output to your preference.
4. **Power Off:** Press the "POWER" button again to turn off the amplifier when not in use.

7. MAINTENANCE

Proper maintenance ensures the longevity of your amplifier:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive materials.

- **Ventilation:** Ensure that the ventilation openings are not blocked.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place, away from direct sunlight and dust.

8. TROUBLESHOOTING

If you encounter issues with your AK-170 amplifier, refer to the following table:

Problem	Possible Cause	Solution
No power	Power adapter not connected; Power outlet not working; Power button not pressed.	Check power connections; Try a different outlet; Ensure power button is pressed.
No sound	Volume too low; Audio source not connected; Speaker wires loose or incorrect polarity; Audio source not playing.	Increase volume; Check audio input cable; Verify speaker connections and polarity; Ensure audio source is playing.
Distorted sound	Volume too high; Input signal too strong; Speaker impedance mismatch.	Reduce volume; Lower output from audio source; Ensure speakers are compatible with amplifier impedance.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

General Specifications	
Model	AK-170
Output Power	20W + 20W (Dual Channel)
Input Voltage	DC 12V
Manufacturer	MAANIHTYUW
ASIN	B0F3DLNBL5
Date First Available	April 2, 2025

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the seller.

For technical support, troubleshooting assistance, or inquiries regarding your product, please contact MAANIHTYUW customer support through the retailer's platform or the contact information provided on the product packaging.

We are committed to providing exceptional customer support and ensuring your satisfaction.

