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› ASHATA 2 Channel Audio Mixer (Model: ASHATAs17unpvcqy361) User Manual

ASHATA ASHATAs17unpvcqy361

ASHATA 2 Channel Audio Mixer User Manual

Model: ASHATAs17unpvcqy361

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ASHATA 2 Channel Audio Mixer. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.



Image 1.1: Front view of the ASHATA 2 Channel Audio Mixer.

2. PRODUCT FEATURES

The ASHATA 2 Channel Audio Mixer offers a range of features designed for versatile audio applications:

- **Stable Performance:** Compatible with conventional audio software, offering fast transmission speed, low

power consumption, and a stable signal connection.

- **High Accuracy:** Equipped with 16BIT and 48KHZ audio resolution for professional sound quality.
- **USB Power Supply:** Connects to a computer via USB for both power and data transmission, enhancing convenience.
- **Compact and Portable:** Small structure for easy transport.
- **48V Switchable Phantom Power:** Provides power for condenser microphones.
- **Wide Application:** Suitable for music recording, home karaoke, internet karaoke, and other audio mixing scenarios.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x ASHATA 2 Channel Audio Mixer
- 1 x User Manual (this document)
- 1 x Power Cable (USB cable)

4. CONTROLS AND INTERFACES

Familiarize yourself with the various controls and connection points on your audio mixer:



Image 4.1: Labeled diagram of the ASHATA 2 Channel Audio Mixer controls.

1. **INPUT 1 MIC/LINE:** Combination XLR/TRS input jack for microphone or line-level audio sources.

2. **INPUT 2 MIC/LINE:** Combination XLR/TRS input jack for microphone or line-level audio sources.
3. **MAIN OUTPUTS (1/L, 2/R):** TRS output jacks for connecting to speakers or other audio devices.
4. **+48V PHANTOM (CH1-2) Switch:** Activates 48V phantom power for condenser microphones connected to INPUT 1 and INPUT 2.
5. **GAIN +10dB Switch:** Enables instrument input mode, providing a +10dB gain boost, suitable for instruments like guitars. (Default is line input mode).
6. **MIC CONDENSER Indicator:** Lights up when a 3V powered condenser microphone is detected.
7. **PEAK Indicators (CH1, CH2, MAIN):** Lights up when the input or main output signal is too high, indicating potential clipping.
8. **SIG Indicators (CH1, CH2, MAIN):** Lights up when an audio signal is present on the respective channel or main output.
9. **POWER Indicator:** Lights up when the device is powered on.
10. **AUDIO INTERFACE 16bit/48KHz Indicator:** Confirms the audio interface is operating at 16-bit, 48kHz resolution.
11. **Headphone Monitor Interface:** 3.5mm jack for connecting headphones for monitoring audio.
12. **ST PAN (Stereo/Mono Switch):** Toggles between mono and stereo output for channels 1 and 2.
13. **REC (Recording Switch):** Activates recording mode, mixing microphone input with computer sound. By default, only microphone sound is recorded.
14. **LEVEL 1 Knob:** Adjusts the input volume for Channel 1.
15. **LEVEL 2 Knob:** Adjusts the input volume for Channel 2.
16. **MAIN Knob:** Controls the master output volume.
17. **PHONES Knob:** Adjusts the volume for the headphone output.
18. **USB Port:** Located on the side/rear, used for connecting to a computer for power and data transmission.

5. SETUP GUIDE

5.1. Connecting to a Computer

Use the provided USB cable to connect the mixer to your computer. The mixer will draw power from the USB port and establish a digital audio connection.



Image 5.1: USB connection for power and data.

5.2. Connecting Microphones and Instruments

- Connect microphones (XLR or TRS) or line-level instruments (TRS) to the **INPUT 1 MIC/LINE** and **INPUT 2 MIC/LINE** jacks.
- For condenser microphones requiring phantom power, activate the **+48V PHANTOM (CH1-2)** switch. Ensure dynamic microphones or ribbon microphones are not connected when phantom power is active, unless they are specifically designed to handle it.
- For instruments like guitars, press the **GAIN +10dB** switch to enable instrument input mode.

5.3. Connecting Output Devices

- Connect your active speakers or amplifier to the **MAIN OUTPUTS (1/L, 2/R)** using TRS cables.
- Connect headphones to the **Headphone Monitor Interface** for personal monitoring.

5.4. Powering On

Once all connections are made, the mixer will power on automatically when connected to a computer via USB. The **POWER** indicator light will illuminate.

6. OPERATION

6.1. Adjusting Input Levels

- Speak or play into your connected microphone/instrument.
- Adjust the **LEVEL 1** and **LEVEL 2** knobs for each channel until the corresponding **SIG** indicator lights up consistently, and the **PEAK** indicator flashes only occasionally during the loudest parts. Avoid constant illumination of the **PEAK** light to prevent distortion.

6.2. Using Phantom Power

If you are using a condenser microphone that requires external power, press the **+48V PHANTOM (CH1-2)** switch. The corresponding indicator will light up. Ensure this is only used with compatible microphones.



Image 6.1: Illustration of 48V phantom power supply.

6.3. Instrument Input Mode

For direct connection of instruments with low output, such as electric guitars or basses, press the **GAIN +10dB**

switch to boost the input signal.

6.4. Monitoring Audio

- Connect headphones to the **Headphone Monitor Interface**.
- Adjust the **PHONES** knob to set the desired monitoring volume.

6.5. Recording

- Ensure the mixer is connected to your computer via USB.
- Open your preferred Digital Audio Workstation (DAW) or recording software on your computer.
- Select the ASHATA 2 Channel Audio Mixer as your input device within your software settings.
- Press the **REC** switch on the mixer if you wish to record both microphone input and computer sound. By default, only the microphone sound is recorded.
- Adjust input levels as described in Section 6.1.
- Begin recording in your software.

48V phantom power supply



Image 6.2: The mixer is compatible with mainstream audio software for recording.

7. MAINTENANCE

7.1. Cleaning

To clean the mixer, use a soft, dry cloth. Do not use liquid cleaners, aerosols, or solvents, as these may damage the finish or internal components.

7.2. Storage

When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures. Protect it from dust and moisture.

8. TROUBLESHOOTING

If you encounter issues with your ASHATA 2 Channel Audio Mixer, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
No sound output	• Incorrect cable connections • Output volume knobs are low • Incorrect audio device selected on computer • Speakers/headphones not powered or faulty	• Check all audio cable connections (inputs, outputs, headphones). • Increase MAIN and PHONES volume knobs. • Ensure the mixer is selected as the output device in your computer's sound settings. • Verify speakers/headphones are working and powered.
No input signal (no SIG light)	• Microphone/instrument not connected properly • Input volume knob (LEVEL 1/2) is too low • Phantom power not enabled for condenser mic • GAIN +10dB not enabled for instrument • Faulty microphone/cable	• Check microphone/instrument connections. • Increase LEVEL 1 or LEVEL 2 knob. • Activate +48V PHANTOM switch for condenser mics. • Activate GAIN +10dB switch for instruments. • Test with a different microphone/cable if possible.
Distorted or clipping sound (PEAK light constantly on)	• Input signal is too high • Output signal is too high	• Decrease LEVEL 1 or LEVEL 2 knobs. • Decrease the MAIN or PHONES knob. • Ensure the input source is not sending an excessively hot signal.

Problem	Possible Cause	Solution
Mixer not recognized by computer	• USB cable faulty or loose • Computer USB port issue • Driver issue (rare, usually plug-and-play)	• Try a different USB port on your computer. • Use a different USB cable. • Restart your computer. • Check your computer's device manager for the mixer.

9. TECHNICAL SPECIFICATIONS

Below are the technical specifications for the ASHATA 2 Channel Audio Mixer:

- **Model Number:** ASHATAs17unpvcqy361
- **Item Weight:** 300 g
- **Package Dimensions:** 15.6 x 12.8 x 5.8 cm
- **Frequency Response:** 20Hz-20KHz
- **Maximum Input Level:** +10dBu
- **Input Resistance:** 18.5 kΩ
- **Gain Range:** -10dB to +40dB
- **Power Source:** USB Powered
- **Voltage:** 5 Volts (DC)
- **Number of Channels:** 2
- **Connectivity Technology:** USB
- **Audio Input:** USB
- **Noise Level:** 40 Decibels



Image 9.1: Dimensions of the ASHATA 2 Channel Audio Mixer.

10. WARRANTY AND SUPPORT

Specific warranty details for the ASHATA 2 Channel Audio Mixer are not provided in this manual. For warranty information, technical support, or service inquiries, please refer to the retailer where you purchased the product or visit the official ASHATA website for the most current information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question