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Aveek 4

Aveek 4 Channel Mixer User Manual

Model: 4

Brand: Aveek

1. INTRODUCTION AND OVERVIEW

The Aveek 4 Channel Mixer is a compact, low-noise stereo audio mixer designed for precision sub-mixing of multiple audio inputs. Ideal for microphones, guitars, bass, and stage setups, it offers effortless multi-channel mixing with crystal clear, distortion-free sound. Its durable metal casing and flexible DC 5V power supply make it suitable for various environments, from home studios to live events.



Figure 1: Front view of the Aveek 4 Channel Mixer, showing input and output controls.

2. WHAT'S IN THE Box

- 1 x Aveek Audio Mixer
- 1 x AC/DC Adapter
- 1 x User's Manual
- 1 x Type-C cable

3. KEY FEATURES

- **Effortless Multi-Channel Mixing:** Simplifies managing multiple inputs from various instruments.
- **Crystal Clear, Low-Noise Sound:** Equipped with 5 ROHM low-noise, high-quality operational amplifiers for distortion-free audio.
- **Stereo/Mono Easy Switching:** Offers flexible audio configurations using 1/4" TRS stereo or 1/4" TS mono connectors.
- **Compact and Durable Design:** Built with a robust metal casing and independent volume controls for each channel.
- **Flexible DC 5V Power Supply:** Ready for various environments with an included power adapter.

LOW NOISE, CLEAR SOUND

Using high-quality amp chips with the low noise ,high-precision sensing audio applications are optimized to output clear audio and low noise



Figure 2: Internal view highlighting the low-noise circuitry.

4. SETUP GUIDE

Follow these steps to set up your Aveek 4 Channel Mixer:

- Power Connection:** Connect the included Type-C cable to the DC 5V/2A port on the mixer and the USB end to the AC/DC adapter. Plug the adapter into a power outlet. The power indicator light will illuminate.
- Input Connections:** Connect your audio sources (e.g., microphones, keyboards, guitars, electronic drums) to the IN1, IN2, IN3, and IN4 input jacks using 1/4" TRS stereo or 1/4" TS mono cables (cables not included).
- Output Connection:** Connect the OUTPUT jack of the mixer to your amplifier, speaker, or recording device using a 1/4" TRS or TS cable.
- Grounding (Optional):** If experiencing hum or noise, connect a ground wire to the GND screw terminal on the mixer and to a suitable ground point in your setup.

Setup Demonstration Video

Video 1: A step-by-step guide to setting up the Aveek 4 Channel Mixer, including power and audio connections.

Unboxing and Initial Setup Video

Video 2: Unboxing the Aveek 4 Channel Mixer and initial setup procedures.



Figure 3: Detailed view of the 1/4" TRS (stereo) and TS (mono) input and output connections.

Suitable equipment



USB microphone is not available !

Figure 4: Examples of suitable equipment for connection, such as line-in devices, dynamic microphones, electronic organs, electric guitars, and electronic drums.

5. OPERATING INSTRUCTIONS

Once your mixer is set up, you can begin mixing your audio sources:

- Individual Volume Control:** Each input channel (IN1-IN4) has an independent volume knob. Rotate these knobs clockwise to increase the volume for that specific channel and counter-clockwise to decrease it.
- Stereo/Mono Switching:** Above each input volume knob, there is a switch to select between MONO and STEREO modes. Use STEREO mode with 1/4" TRS cables for stereo signals. For mono signals, use 1/4" TS connectors and select MONO mode.
- Master Output Control:** The 'OUTPUT' knob controls the overall volume of the mixed signal. Adjust this to achieve the desired output level for your amplifier or recording device.

Operational Overview Video

Video 3: A demonstration of the Aveek Mini Passive Mixer's unboxing and setup, including a brief overview of its operational features.



Figure 5: Close-up of the mono/stereo switches and individual input volume controls, along with the master output volume.

6. SPECIFICATIONS

Specification	Detail
Brand	Aveek
Model Number	4
Number of Channels	4
Product Dimensions	4.41 x 3.07 x 1.3 inches

Item Weight	14.1 ounces (0.4 Kilograms)
Body Material	Aluminum
Connector Type	1/4-Inch Stereo & Mono
Hardware Interface	1/4-inch Audio
Power Source	Corded Electric
Voltage	5 Volts
Country of Origin	China

Rugged housing

exquisite shell metal design



Figure 6: Dimensions and robust aluminum housing of the mixer.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Aveek 4 Channel Mixer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the mixer with care. Avoid dropping it or subjecting it to strong impacts, which can damage the internal circuitry or external casing.
- **Cable Management:** Ensure all cables are connected securely and are not under strain. Avoid bending cables sharply or placing heavy objects on them.

8. TROUBLESHOOTING

If you encounter issues with your Aveek 4 Channel Mixer, refer to the following common problems and solutions:

- **No Power:**
 - Ensure the AC/DC adapter is securely plugged into both the mixer and a working power outlet.
 - Check if the power indicator light on the mixer is illuminated. If not, try a different power outlet.
- **No Sound Output:**
 - Verify that all input and output cables are correctly connected and fully inserted into their respective jacks.
 - Check the volume knobs for each input channel and the master OUTPUT knob. Ensure they are turned up sufficiently.
 - Confirm that your connected amplifier or speaker is powered on and its volume is adjusted appropriately.
 - Ensure the MONO/STEREO switches are set correctly for your cables (TRS for Stereo, TS for Mono).
- **Humming or Noise:**
 - Ensure proper grounding by connecting a wire to the GND terminal on the mixer.
 - Check for loose cable connections.
 - Try using different cables or power outlets to rule out interference.
 - Ensure all connected devices are properly grounded.
- **Distorted Sound:**
 - Reduce the volume levels of individual input channels or the master OUTPUT to prevent clipping.
 - Ensure the input signals are not too strong for the mixer.

9. WARRANTY AND SUPPORT

Aveek products are designed for reliability and performance. For specific warranty information, please refer to the warranty card or documentation included with your product at the time of purchase. If you require technical support, have questions about product functionality, or need assistance with troubleshooting beyond this manual, please contact Aveek customer service through the official channels provided on the product packaging or the brand's website.

Please retain your proof of purchase for any warranty claims.

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Related Documents - 4

<p>MIXING CONSOLE Professional 5-Channel Audio Mixer with Effects Processor Owner's Manual</p>  <p>CE FC RoHS</p>	<p>Aveek F-5A Professional 5-Channel Audio Mixer Owner's Manual Owner's manual for the Aveek F-5A professional 5-channel audio mixer with effects processor, detailing features, panel introduction, specifications, connection methods, usage instructions, and precautions.</p>
<p>MIXING CONSOLE Professional 4-Channel Audio Mixer with PC Recording USB/Bluetooth Effects Processor Owner's Manual</p>  <p>CE FC RoHS</p>	<p>Aveek F-4A Professional 4-Channel Audio Mixer Owner's Manual This manual provides detailed instructions for the Aveek F-4A Professional 4-Channel Audio Mixer, covering its features, connections, operation, and specifications for PC recording, USB, and Bluetooth playback.</p>
<p>MIXING CONSOLE Professional 5-Channel Audio Mixer with Effects Processor Owner's Manual</p>  <p>CE FC RoHS</p>	<p>Aveek F-5A Professional 5-Channel Audio Mixer Owner's Manual Comprehensive owner's manual for the Aveek F-5A professional 5-channel audio mixer. Learn about features, panel introduction, specifications, connections, operation, and precautions for recording, live streaming, and more.</p>
<p>MIXING CONSOLE Professional 5-Channel Audio Mixer with Effects Processor Owner's Manual</p>  <p>CE FC RoHS</p>	<p>Aveek F-5A Professional 5-Channel Audio Mixer with Effects Processor Owner's Manual Owner's manual for the Aveek F-5A, a professional 5-channel audio mixer with effects processor. Details features, panel introduction, specifications, connection methods, usage instructions, computer recording, USB and Bluetooth playback, and precautions.</p>

 <p>Power Amplifier + Wireless Mic + Mixer Aveek E1 OWNER'S MANUAL</p> <p>CE FC RoHS</p>	<p>Aveek E1 Owner's Manual: Power Amplifier, Wireless Mic, and Mixer</p> <p>Comprehensive owner's manual for the Aveek E1, a 4-channel audio mixer featuring a power amplifier, dual wireless microphones, Bluetooth connectivity, USB playback/recording, and 48V phantom power. Includes detailed panel introductions, setup instructions, operating steps for various functions, general specifications, and important safety precautions.</p>
 <p>Aveek Wireless Microphone User Manual</p> <p>CE FC RoHS</p>	<p>Aveek Wireless Microphone User Manual - Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the Aveek Wireless Microphone system, covering setup, accessories, specifications, operation, troubleshooting, and important notes for optimal performance. Includes detailed instructions for both microphones and the receiver.</p>