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Neufday WS-V2

Neufday WS-V2 2 Channel Universal Microphone Audio Adapter Mixer

Instruction Manual

1. Introduction

The Neufday WS-V2 is a compact and portable 2-channel universal microphone audio adapter mixer designed for use with DSLR cameras. It provides a solution for mounting and mixing audio from two microphones or wireless receivers, enhancing audio recording capabilities for video production.

This device features multiple 3.5mm inputs and outputs, along with dual trim control knobs for audio level adjustments and a Stereo/Mono output toggle switch for flexible audio routing.

2. Product Features

- **Durable Construction:** Made from premium plastic and electronic components, ensuring a lightweight, portable, and durable design.
- **Dual-Mic Mounting and Mixing:** Offers a compact solution for connecting and controlling two microphones or wireless receivers simultaneously.
- **Versatile Audio Inputs:** Includes two Mono 1/8" (3.5mm) inputs and one Stereo 1/8" (3.5mm) input.
- **Stereo Audio Output:** Features one Stereo 1/8" (3.5mm) output for connecting to your camera.
- **Independent Level Control:** Dual trim control knobs allow for precise adjustment of individual microphone levels.
- **Stereo/Mono Output Switch:** A toggle switch enables quick selection between stereo and mono output modes.
- **Multiple Mounting Options:** Equipped with three mounting shoes for attaching various microphones or wireless receivers, and a 1/4" screw hole for camera mounting.

3. Package Contents

Please verify that all items are present in your package:

- 1 x Neufday WS-V2 Mic Audio Mixer
- 1 x 3.5mm Connecting Cable



Image: The Neufday WS-V2 audio mixer shown with its included 3.5mm connecting cable.

4. Product Overview

Familiarize yourself with the components of your WS-V2 audio mixer:

- **LEFT Input:** 1/8" (3.5mm) Mono input for the left channel microphone.
- **STEREO Input:** 1/8" (3.5mm) Stereo input for a stereo microphone or line-level device.
- **RIGHT Input:** 1/8" (3.5mm) Mono input for the right channel microphone.
- **OUT:** 1/8" (3.5mm) Stereo output to connect to your camera's microphone input.
- **LEFT Trim Control:** Rotary knob to adjust the input level for the LEFT channel.
- **RIGHT Trim Control:** Rotary knob to adjust the input level for the RIGHT channel.

- **M/S (Stereo/Mono) Toggle Switch:** Selects between stereo and mono output modes.
- **Mounting Shoes:** Three cold shoe mounts on top for attaching accessories.
- **1/4" Screw Hole:** Located at the bottom for mounting the mixer onto a camera or tripod.



Image: Front and top view of the WS-V2 mixer, highlighting the input/output ports, trim controls, and the Stereo/Mono switch.



Image: Detailed view of the LEFT, STEREO, RIGHT input jacks and the OUT jack on the WS-V2 mixer.

5. Setup Instructions

1. **Mounting the Mixer:**
   - Attach the WS-V2 mixer to your camera's hot shoe or cold shoe mount using the integrated 1/4" screw hole at the bottom of the mixer.
   - Alternatively, use the 1/4" screw hole to mount the mixer onto a compatible tripod or rig.



Image: The WS-V2 audio mixer securely mounted on top of a DSLR camera.

2. **Connecting Microphones/Receivers:**
   - For mono microphones (e.g., lavalier mics), connect them to the **LEFT** and/or **RIGHT** 1/8" (3.5mm) mono input jacks.
   - For a stereo microphone or a stereo line-level source, connect it to the **STEREO** 1/8" (3.5mm) input jack.
   - Additional microphones or wireless receivers can be attached to the three cold shoe mounts on the top of the mixer.
3. **Connecting to Camera:**
   - Use the provided 3.5mm connecting cable to link the **OUT** jack of the WS-V2 mixer to the microphone input jack on your DSLR camera.
   - Ensure the cable is fully inserted into both the mixer and the camera.

6. Operating Instructions

1. **Adjusting Input Levels:**
   - Rotate the **LEFT** trim control knob to adjust the audio input level for the device connected to the LEFT input.
   - Rotate the **RIGHT** trim control knob to adjust the audio input level for the device connected to the RIGHT input.
   - Monitor your camera's audio levels to prevent clipping (distortion) or excessively low volume.



Image: Detailed view of the LEFT and RIGHT audio level trim controls and the M/S (Stereo/Mono) switch.

2. **Selecting Output Mode (Stereo/Mono):**
    - Use the **M/S** toggle switch to select your desired output mode.
    - In **Stereo** mode, the audio from the LEFT and RIGHT inputs will be sent as separate left and right channels to your camera. The STEREO input will also be passed through as stereo.
    - In **Mono** mode, all input audio (LEFT, RIGHT, and STEREO) will be mixed down into a single mono signal and sent to both the left and right channels of your camera's input. This is useful when you want to ensure audio is captured on both channels even if only one mono microphone is used.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use liquid cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting cables excessively to prevent damage. Disconnect cables by pulling the plug, not the cable itself.

8. Troubleshooting

- **No Audio Output:**
  - Ensure all cables are securely connected to the mixer, microphones, and camera.
  - Check that the LEFT and RIGHT trim control knobs are not set to minimum.
  - Verify that your camera's audio input settings are correctly configured and its recording levels are not muted or too low.
  - Test microphones directly with the camera to rule out microphone issues.
- **Distorted Audio:**
  - Reduce the LEFT and RIGHT trim control knob settings on the mixer.
  - Check your camera's audio input level and reduce it if it's too high.
  - Ensure microphones are not too close to the sound source, causing overload.
- **Intermittent Audio:**
  - Inspect all cables for damage or loose connections. Try replacing cables if necessary.
  - Ensure microphone connectors are clean and fully inserted.

9. Specifications

Feature	Specification
Material	Plastic
Power Level	Min. -35dBU
Frequency Response	20Hz-20kHz (+/-0.5dB)
Audio Input	1 x Stereo 1/8" (3.5mm); 2 x Monophonic 1/8" (3.5mm)
Audio Output	1 x Stereo 1/8" (3.5mm)
Dimensions (L x W x H)	Approx. 7 x 4 x 5.8 cm / 2.75 x 1.57 x 2.28 inches
Weight	Approx. 115g / 3.84 ounces
Compatible Devices	Camera
Connector Type	3.5 mm Jack
Number of Channels	2



Image: Diagram illustrating the physical dimensions of the WS-V2 audio mixer.

10. Warranty Information

Specific warranty details may vary by retailer and region. Please refer to the purchase documentation or contact your point of purchase for information regarding warranty coverage and terms.

11. Customer Support

For technical assistance or further inquiries, please contact the retailer from whom you purchased this product. You may also visit the manufacturer's official website for additional support resources.

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