

Tascam CA-XLR2d-C

Tascam CA-XLR2d-C XLR Microphone Adapter for Canon Mirrorless Cameras: User Manual

Model: CA-XLR2d-C

1. INTRODUCTION

The Tascam CA-XLR2d-C is an XLR microphone adapter designed to enhance audio recording capabilities for compatible Canon mirrorless cameras. It provides professional audio input expansion, allowing users to connect external microphones for high-quality sound capture directly to the camera.

Key features include:

- Two XLR/TRS input terminals for versatile microphone connectivity.
- High-performance AD converter for direct digital audio transmission to the camera via the accessory shoe.
- Power supply directly from the camera body via the accessory shoe (compatible with Canon and FUJIFILM).
- Integrated HDDA mic preamplifier for high sound quality, low noise, and wide dynamic range, supporting microphone/line level switching and +48V phantom power.

2. SETUP

2.1 Attaching the Adapter to Your Camera

The CA-XLR2d-C adapter mounts directly onto your compatible Canon mirrorless camera's multi-function shoe. Ensure the camera is powered off before attachment.

1. Align the adapter's shoe mount with the camera's multi-function shoe.
2. Slide the adapter firmly into place until it clicks or is securely seated.
3. Tighten any locking mechanisms if present on the adapter or camera to prevent accidental dislodgement.



Figure 2.1: Tascam CA-XLR2d-C adapter mounted on a Canon EOS R3 camera, demonstrating proper attachment.

2.2 Connecting Microphones

The adapter features two XLR/TRS combo jacks (Input 1 and Input 2) and one 3.5mm stereo mini-jack (Input 3) for connecting various types of microphones.



Figure 2.2: Top view of the CA-XLR2d-C adapter, highlighting the XLR/TRS combo inputs (Input 1, Input 2) and the 3.5mm stereo mini-jack input (Input 3).

- **XLR/TRS Inputs (Input 1, Input 2):** Connect professional microphones using XLR cables or TRS cables. These inputs support dynamic, condenser, and line-level sources.
- **3.5mm Stereo Mini-Jack (Input 3):** Connect lavalier microphones or other devices with a 3.5mm stereo output.

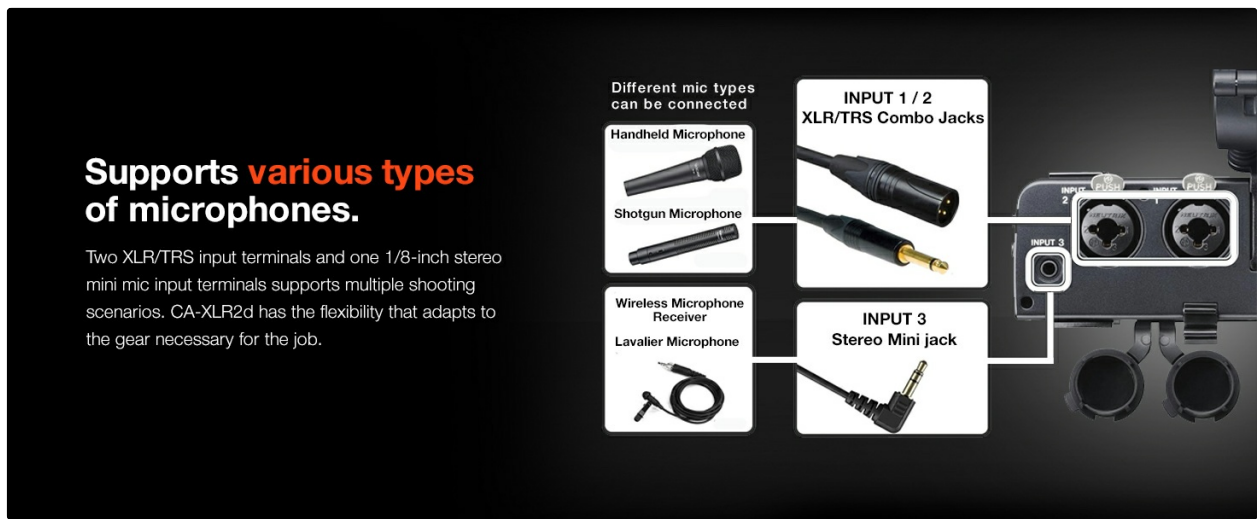


Figure 2.3: Diagram showing compatible microphone types for XLR/TRS combo jacks (Input 1/2) and the stereo mini-jack (Input 3).

2.3 Power Supply

The CA-XLR2d-C receives power directly from the camera body via the multi-function accessory shoe. No external power source is typically required when used with compatible cameras.

3. OPERATING INSTRUCTIONS

The adapter features a control panel with various switches and knobs for precise audio adjustment.



Figure 3.1: Overview of the CA-XLR2d-C control panel.

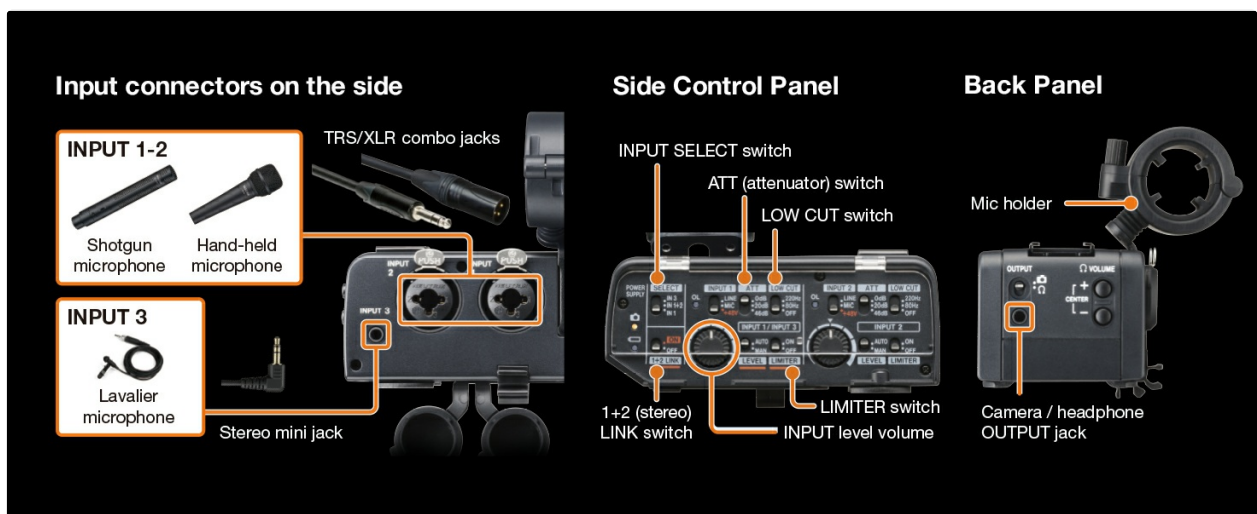


Figure 3.2: Detailed diagram of input connectors, side control panel, and back panel features.

3.1 Input Selection and Gain Adjustment

- **SELECT Switch:** Use this switch to choose the active input(s). Options typically include IN 1, IN 2, IN 3, IN 1+2.
- **LEVEL Knobs:** Adjust the input gain for each channel (Input 1/Input 3 and Input 2). Rotate clockwise to increase gain, counter-clockwise to decrease. Monitor the camera's audio levels to prevent clipping.
- **ATT (Attenuator) Switch:** Reduces the input signal level by a fixed amount (e.g., 20dB) to prevent distortion when connecting high-output sources.
- **MIC/LINE Switch:** Select between microphone level and line level input sensitivity for Input 1 and Input 2.
- **+48V Phantom Power:** Activate this switch for condenser microphones that require phantom power. Ensure the microphone is connected before enabling +48V.

3.2 Audio Processing Features

- **LOW CUT Switch:** Engages a low-cut filter to reduce unwanted low-frequency noise such as wind rumble or handling noise. Selectable frequencies (e.g., 80Hz, 220Hz) may be available.
- **LIMITER Switch:** Activates a limiter circuit to prevent audio clipping by automatically reducing the gain when the input signal exceeds a certain threshold. This helps maintain clean audio levels.
- **AUTO/MAN (Automatic/Manual) Level:** Some models may offer an automatic gain control (AGC) feature. Use "MAN" for manual control via the LEVEL knobs.
- **1+2 LINK Switch:** Links Input 1 and Input 2 for stereo recording, allowing their gain and other settings to be adjusted simultaneously.

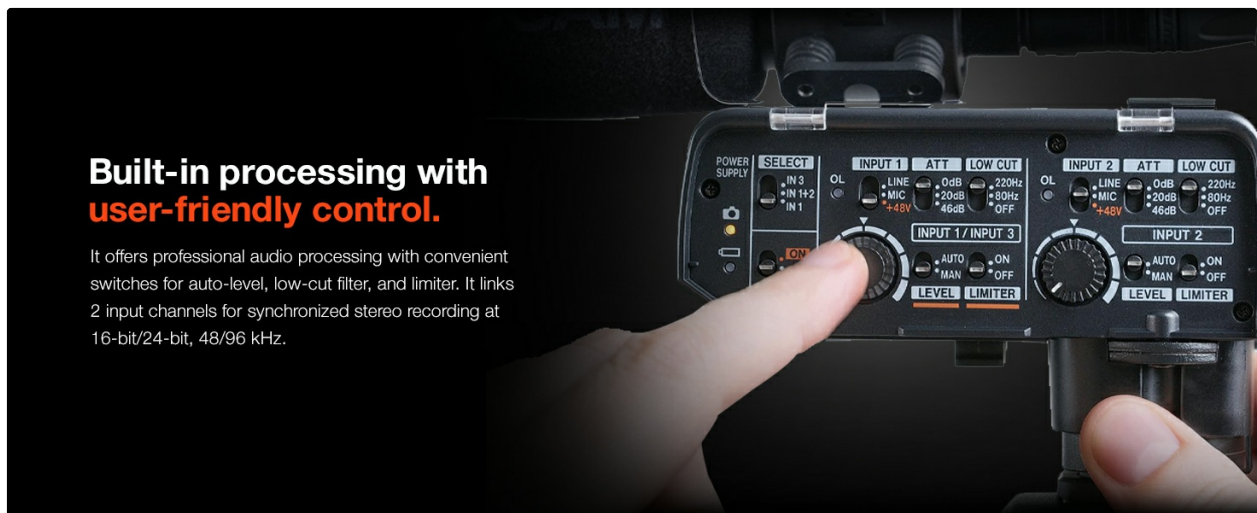


Figure 3.3: Illustration of built-in processing controls for user-friendly audio management.

3.3 Monitoring Audio

The adapter includes an analog output terminal for direct monitoring via headphones, providing latency-free audio feedback during recording.

- Connect headphones to the designated headphone jack on the adapter.
- Adjust the headphone volume using the dedicated volume control, if available.



Direct monitoring via headphones.

Built-in analog output terminal with headphone mode options that provides latency-free direct monitoring. This is compatible with Canon cameras.

Figure 3.4: Direct audio monitoring through headphones for real-time sound verification.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Tascam CA-XLR2d-C adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the adapter. Avoid using liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. It is recommended to detach it from the camera and store it in its original packaging or a protective case.
- **Connector Care:** Keep all input and output jacks free from dust and debris. Use compressed air if necessary to gently clear any obstructions.
- **Handling:** Handle the adapter with care to avoid dropping or subjecting it to strong impacts, which could damage internal circuitry or external controls.

5. TROUBLESHOOTING

If you encounter issues with your CA-XLR2d-C adapter, refer to the following common problems and solutions:

- **"Currently accessory cannot be used" Error Message:**

This message may appear on your camera screen. Ensure the adapter is securely attached to the camera's multi-function shoe. Power cycle both the camera and the adapter. Verify that your camera's firmware is up to date, as compatibility issues can sometimes arise with older firmware versions.

- **Intermittent Operation or No Audio:**

Check all cable connections (microphone to adapter, adapter to camera) to ensure they are firmly seated. Verify that the correct input is selected on the adapter and that the microphone is powered (if it requires phantom power, ensure +48V is enabled). Test with different microphones and cables to isolate the source of the problem.

- **Gain Knob Not Affecting Audio Level:**

If a gain knob (LEVEL) does not adjust the audio level for a specific channel, first check if the "AUTO" level control is engaged, which might override manual adjustments. Ensure the correct input is selected and that the microphone is functioning. If the issue persists after checking these, it may indicate a hardware malfunction requiring professional service.

• **Distorted Audio:**

Check if the input level is too high. Reduce the LEVEL knob setting or engage the ATT (attenuator) switch. Ensure the LIMITER is active if you are experiencing sudden peaks. Verify that the microphone is not overdriven.

• **Hum or Noise in Audio:**

Engage the LOW CUT filter to reduce low-frequency rumble. Ensure all cables are properly shielded and away from power sources or other electronic devices that could introduce interference. Check for ground loops if multiple devices are connected.

If these steps do not resolve the issue, please contact Tascam customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Model Number	CA-XLR2d-C
Brand	Tascam
Item Weight	341 Grams (approx. 12 ounces)
Product Dimensions (L x W x H)	8 x 6.93 x 5.83 inches
Microphone Form Factor	Mini
Power Source	Camera Accessory Shoe
Signal-to-Noise Ratio	80 dB
Hardware Platform	Camera
Number of Input Channels	2 (XLR/TRS combo), 1 (3.5mm stereo mini-jack)
Connectivity Technology	XLR, TRS, 3.5mm Mini-Jack
Compatible Devices	Canon Mirrorless Cameras (with compatible multi-function shoe), FUJIFILM Cameras
Special Features	HDDA Mic Preamplifier, +48V Phantom Power, AD Converter, Low-Cut Filter, Limiter, Stereo Link Function
Included Components	Adapter
UPC	043774035199, 043774035175

7. WARRANTY INFORMATION

Specific warranty details for the Tascam CA-XLR2d-C are typically provided with the product packaging or available on the manufacturer's official website. Please refer to these resources for comprehensive information regarding warranty coverage, terms, and conditions.


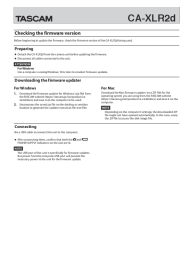

8. SUPPORT




For additional assistance, technical support, or inquiries regarding your Tascam CA-XLR2d-C adapter, please contact Tascam customer support directly.

You can also visit the official Tascam store for product information and resources:[Tascam Store on Amazon](#)

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Related Documents - CA-XLR2d-C

	<p>TASCAM CA-XLR2d Microphone Adapter: Reference Manual</p> <p>Comprehensive reference manual for the TASCAM CA-XLR2d microphone adapter, detailing its features, setup, operation, specifications, and troubleshooting for professional audio recording with cameras.</p>
	<p>TASCAM CA-XLR2d Firmware Update Guide</p> <p>Comprehensive guide to updating the firmware for the TASCAM CA-XLR2d audio interface. Covers downloading the updater for Windows and Mac, connection steps, the update process, and troubleshooting tips.</p>
	<p>TASCAM TM-10L Lavalier Microphone Owner's Manual</p> <p>User manual for the TASCAM TM-10L lavalier microphone, featuring safety instructions, specifications, included items, and usage guidelines for clear audio capture in various applications.</p>

	<p>TASCAM TM-10L Lavalier Microphone - Owner's Manual</p> <p>Official owner's manual for the TASCAM TM-10L lavalier microphone, providing detailed instructions on safe usage, specifications, and warranty information.</p>
	<p>TASCAM US-122MKII USB 2.0 Audio/MIDI Interface Owner's Manual</p> <p>This is the owner's manual for the TASCAM US-122MKII USB 2.0 Audio/MIDI Interface. It provides detailed information on installation, connections, operation, application guides, troubleshooting, and specifications for the device.</p>
	<p>TASCAM TM-2X Stereo Plug-in Microphone Owner's Manual</p> <p>Explore the TASCAM TM-2X Stereo Plug-in Microphone, a high-quality audio accessory for digital cameras and recorders. Learn about its X-Y stereo configuration, low-cut filter, noise isolation, and versatile mounting options for enhanced audio capture.</p>