

Y.D.F AR001

Y.D.F AR001 USB Audio Interface User Manual

Model: AR001

1. INTRODUCTION

The Y.D.F AR001 is a high-definition 24-bit, 96 kHz, 2x2 USB Audio Interface designed for recording microphones and instruments. It is a compact and robust device, ideal for mobile musicians, podcasters, and home studio enthusiasts. Featuring high-performance Class A mic preamplifiers and professional-quality converters, it ensures excellent audio fidelity for both Mac and Windows operating systems.

2. PACKAGE CONTENTS

- 1 x Y.D.F AR001 USB Audio Interface
- 1 x USB-C Cable
- 1 x User Manual

3. PRODUCT FEATURES

- 2x2 USB audio interface for simultaneous recording of microphones and instruments.
- Audiophile 48 kHz resolution for professional audio quality.
- Studio-grade converters for 24-bit/96 kHz recording.
- High-performance Class A mic preamplifiers.
- 48V Phantom Power for condenser microphones.
- USB-C powered, eliminating the need for an external power adapter.
- Compact and rugged metal construction for durability and portability.
- Compatible with popular recording software including Avid Pro Tools, Ableton Live, and Steinberg Cubase.
- Supports various devices including laptops, personal computers, and phones.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Y.D.F AR001 USB Audio Interface:

1. **Connect to Computer:** First, connect the USB-C cable (included in the package) to the USB-C port on the audio interface and then to a compatible USB port on your computer. Ensure your computer's USB port can

supply power and transmit data normally.

2. **Initial Knob Adjustment:** Adjust the three main control knobs (GAIN 1, GAIN 2, MONITOR) to at least the middle position.
3. **Activate Functions:** Click the three touch keys (48V, INST, MONITOR) to ensure all functions are turned on.
4. **Connect Inputs/Outputs:** Plug in your XLR microphone cable and headphone cable as needed to begin your recording or monitoring session.

***Note:** This audio interface does not include DAW (Digital Audio Workstation) recording software. You will need to download and install your preferred recording software separately.*

5. OPERATING INSTRUCTIONS

The Y.D.F AR001 is designed for intuitive operation. Once connected and configured, you can begin recording and monitoring audio. The device is plug-and-play with most modern operating systems, requiring no additional drivers for basic functionality.

5.1. Controls and Indicators



Figure 1: Front Panel Overview of the Y.D.F AR001 USB Audio Interface. This image displays the front panel of the red audio interface, highlighting the XLR/TRS combo input, gain controls, 48V phantom power button, instrument input switch, monitor output, and headphone jack.

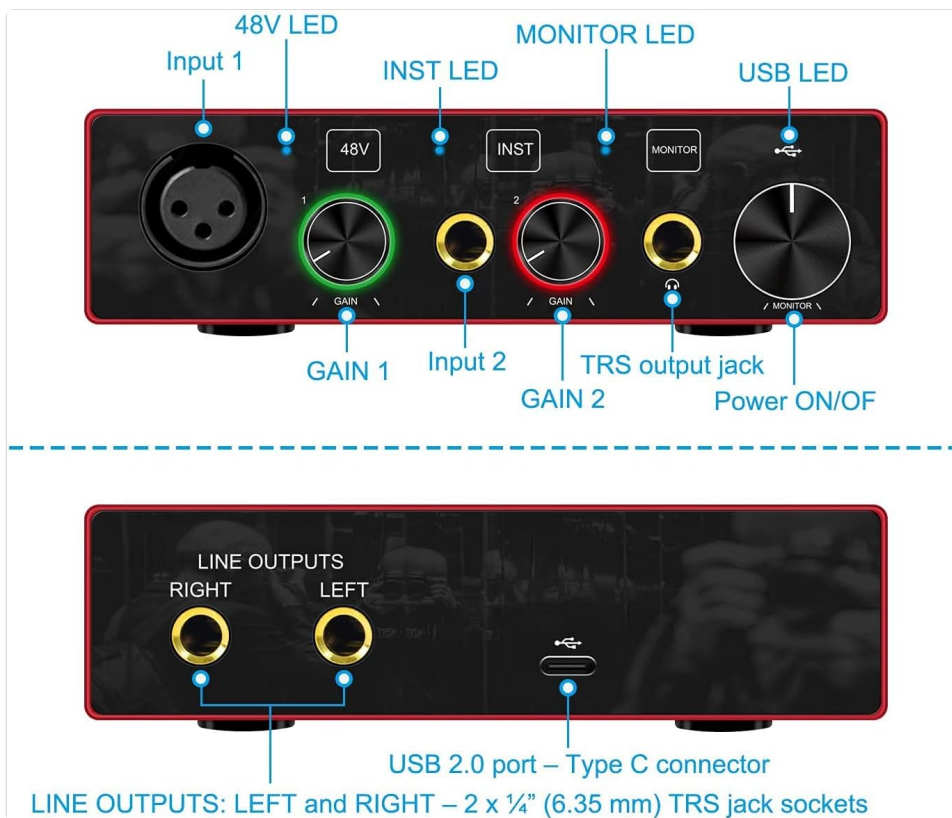


Figure 2: Back Panel Overview of the Y.D.F AR001 USB Audio Interface. This image shows the rear panel of the red audio interface, indicating the left and right line outputs (TRS jacks) and the USB 2.0 Type-C connector for power and data.

- **Input 1 (XLR/TRS Combo Jack):** Connect microphones (XLR) or line-level instruments (TRS).
- **48V LED:** Illuminates when 48V phantom power is active for condenser microphones.
- **GAIN 1 Knob:** Adjusts the input gain for Input 1.
- **Input 2 (TRS Jack):** Connect line-level instruments or devices.
- **INST LED:** Illuminates blue when Instrument mode is selected for Input 2.
- **GAIN 2 Knob:** Adjusts the input gain for Input 2.
- **MONITOR LED:** Indicates the status of direct monitoring.
- **POWER LED:** Illuminates when the device is powered on.
- **MONITOR Knob:** Controls the overall output volume for headphones and line outputs.
- **Headphone Jack:** Connect your headphones for direct monitoring.
- **LINE OUTPUTS (Left & Right TRS Jacks):** Connect to studio monitors or other audio playback systems.
- **USB 2.0 Port (Type-C Connector):** Provides power and data connection to your computer.

5.2. Recording Scenarios



Figure 3: Recording Scenarios. This diagram illustrates how the audio interface can be used to record computer audio, audio from guest video calls, and gaming audio, demonstrating its versatility.

- **Recording Computer Audio:** Connect the interface to your computer and select it as your input/output device in your DAW or system settings.
- **Recording Guest Video Calls:** Utilize the interface to capture high-quality audio from microphones during video conferencing.
- **Recording Gaming Audio:** Integrate the interface into your gaming setup for clear voice communication and game audio capture.

6. SPECIFICATIONS

Feature	Detail
Brand	Y.D.F
Model Number	AR001
Item Weight	13.7 ounces
Product Dimensions	5.5 x 3.4 x 1.4 inches
Number of Channels	2
Connectivity Technology	USB
Connector Type	XLR
Hardware Interface	USB, USB 2.0, USB 3.0
Compatible Devices	Laptop, Personal Computer, Phone
Supported Software	Avid Pro Tools, Ableton Live, Steinberg Cubase
Material Type	Metal
Proficiency Level	Professional

Operating System	Windows (also compatible with Mac)
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7. TROUBLESHOOTING

- **No Power/Connection:** Ensure the USB-C cable is securely connected to both the interface and a functioning USB port on your computer that provides sufficient power and data transfer.
- **No Audio Input:** Check that your microphone or instrument is properly connected to the correct input jack. Verify that the GAIN knob for the respective input is turned up. If using a condenser microphone, ensure 48V phantom power is activated. Confirm that the correct audio input device is selected in your computer's sound settings and your DAW.
- **No Audio Output:** Check that your headphones or studio monitors are correctly connected to the output jacks. Ensure the MONITOR knob is turned up. Verify that the correct audio output device is selected in your computer's sound settings and your DAW.
- **Distorted Audio:** If the input signal is clipping (indicated by a red light on the GAIN knob), reduce the input gain. Ensure your microphone or instrument is not too loud.
- **Software Not Recognizing Interface:** Restart your computer and the audio interface. Ensure your DAW software is up-to-date and correctly configured to use the Y.D.F AR001 as its audio device.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Cable Management:** Ensure cables are not kinked or strained, which can lead to damage over time.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Y.D.F website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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