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Acouto Acoutohpa6iyu0nm

Acouto 480P Mini Composite to VGA Adapter Instruction Manual

Model: Acoutohpa6iyu0nm

1. Introduction

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your Acouto 480P Mini Composite to VGA Adapter. This device is designed to convert analog composite video signals (RCA) into a VGA signal for display on monitors or projectors, enabling older devices to connect to modern VGA displays.

2. Product Overview

2.1 Key Features

- **Plug and Play:** No driver software installation required for operation.
- **Composite to VGA Conversion:** Converts analog composite video (RCA) from devices like VCD/DVD players, set-top boxes, or webcams to a VGA signal.
- **Automatic Resolution Identification:** Supports automatic detection of various resolutions including 640x480, 800x600, 1024x768, 1280x1024, 1440x900, and 1680x1050, ensuring compatibility with a wide range of displays.
- **Adjustable Refresh Rate:** Allows switching between 60Hz and 75Hz refresh rates to optimize display quality and prevent image distortion.
- **De-noising Function:** Incorporates a de-noising feature to produce clear and stable images.

2.2 Package Contents

- Acouto Mini Composite to VGA Converter (1 unit)
- USB Power Cable (1 unit)

2.3 Product Diagram



Figure 1: Acouto Mini Composite to VGA Adapter and included USB power cable. The adapter features RCA input ports (yellow for video, white/red for audio) on one side and a VGA output port on the other, along with a USB power input.



Figure 2: Top-down view of the Acouto Mini Composite to VGA Adapter, highlighting the "MINI AV2VGA" branding, the RCA input ports (labeled "INPUT"), and the VGA output port (labeled "OUTPUT"). A USB power port is also visible.

3. Setup Instructions

Follow these steps to connect your Acouto Mini Composite to VGA Adapter:

1. **Connect Composite Video Source:** Connect the composite video (yellow RCA) and audio (red and white RCA) cables from your source device (e.g., DVD player, set-top box) to the corresponding "INPUT" ports on the Acouto adapter.
2. **Connect to VGA Display:** Connect a VGA cable from the "OUTPUT" port on the Acouto adapter to the VGA input port on your monitor or projector.
3. **Provide Power:** Connect the included USB power cable to the USB/POWER port on the adapter and plug the other end into a USB power source (e.g., a USB wall adapter, a USB port on your TV or computer). The adapter requires external power to function.
4. **Power On Devices:** Power on your composite video source device and your VGA display.



Figure 3: Close-up view of the Acouto Mini Composite to VGA Adapter's input side, showing the three RCA ports for composite video and stereo audio. This illustrates the "Plug and play" feature, indicating no complex software setup.

4. Operating Instructions

Once all connections are made and devices are powered on, the Acouto Mini Composite to VGA Adapter will begin functioning automatically.

- **Automatic Resolution:** The adapter will automatically identify and output a resolution compatible with your connected VGA display. Supported resolutions include 640x480, 800x600, 1024x768, 1280x1024, 1440x900, and 1680x1050.
- **Refresh Rate Adjustment:** The adapter's advanced scanning frequency technology allows the refresh rate to switch between 60Hz and 75Hz. This adjustment helps ensure a stable and clear image without distortion.
- **Image Quality:** The built-in de-noising function works to enhance image clarity and stability, providing a better viewing experience.



Figure 4: The Acouto Mini Composite to VGA Adapter connected to a display, demonstrating its ability to automatically identify and adapt to the display's resolution for optimal compatibility.



Figure 5: The adapter connected to a display, illustrating the advanced scanning frequency technology that allows for easy switching between 60Hz and 75Hz refresh rates, ensuring a stable image.

5. Maintenance

To ensure the longevity and optimal performance of your Acouto Mini Composite to VGA Adapter, please follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the adapter. Do not use liquid cleaners or aerosols, as they may damage the device.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.
- **Connections:** Ensure all cables are securely connected but do not force them. Periodically check connections for any signs of wear or damage.

6. Troubleshooting

If you encounter issues with your Acouto Mini Composite to VGA Adapter, please refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
No image on display	◦ No power to adapter. ◦ Loose cable connections. ◦ Incorrect input selected on display. ◦ Source device not powered on or outputting signal.	◦ Ensure USB power cable is connected and receiving power. ◦ Check all RCA and VGA cable connections are secure. ◦ Select the correct VGA input on your monitor/projector. ◦ Verify the source device is powered on and functioning correctly.
Image is distorted or flickering	◦ Refresh rate incompatibility. ◦ Poor quality source signal.	◦ The adapter automatically adjusts refresh rate, but ensure your display supports the output. ◦ Check the quality of the composite video signal from your source device.
Image is blurry or unclear	◦ Low resolution source signal. ◦ Cable quality.	◦ The adapter converts 480P composite video; higher quality input will yield better results. ◦ Ensure you are using good quality RCA and VGA cables.



Figure 6: The adapter in operation, demonstrating its de-noising function which contributes to a clear and stable image output, reducing visual artifacts from the source signal.

7. Specifications

Feature	Detail
Model Number	Acoutohpa6iyu0nm
Input	Composite Video (RCA), Stereo Audio (RCA)
Output	VGA
Supported Resolutions	640x480, 800x600, 1024x768, 1280x1024, 1440x900, 1680x1050
Refresh Rate	60Hz / 75Hz (switchable)

Feature	Detail
Power Input	USB (5V)
Material	ABS
Product Dimensions	Approx. 7 x 5.5 x 2 cm (2.8 x 2.2 x 0.8 inches)
Item Weight	Approx. 2.46 ounces

8. Warranty and Support

Acouto products are designed for reliability and performance. For specific warranty information, please refer to the documentation provided at the time of purchase or visit the official Acouto website. For technical support or inquiries, please contact Acouto customer service through their official channels.
You can find more information about Acouto products and support on theirAmazon Brand Store.

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