

## Citronic 170.879

# Citronic U-PAD Compact Mixer with USB Interface

MODEL: 170.879

## Introduction

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Thank you for purchasing the Citronic U-PAD Compact Mixer with USB Interface. This compact audio mixer is designed for versatility and high-quality sound, featuring both analog and digital connectivity. It is ideal for home studios, live performances, and mobile recording. This manual provides essential information for the safe and efficient operation of your U-PAD mixer. Please read it thoroughly before use and retain it for future reference.

## Safety Instructions

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To prevent fire, electric shock, or product damage, please observe the following safety precautions:

- **Power Source:** Only use the specified power supply (USB cable for power and PC/Mac connection). Ensure the voltage is correct for your region.
- **Water and Moisture:** Do not expose this appliance to rain or moisture. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel. Opening the unit may expose you to dangerous voltages or other hazards.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

## Package Contents

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Please check that all items are present and in good condition upon unpacking:

- Citronic U-PAD Compact USB Mixer
- USB A to B Cable

If any items are missing or damaged, please contact your retailer immediately.

## Product Overview

The Citronic U-PAD is a compact audio mixer designed for versatile sound control and recording. It features multiple input channels, equalization, and USB connectivity for seamless integration with computers.



**Figure 1:** Angled view of the Citronic U-PAD Compact Mixer, showcasing its compact design and various knobs and ports.



**Figure 2:** Top-down view of the mixer's control panel, showing input jacks, gain controls, EQ knobs, pan controls, volume faders, and main output section.



**Figure 3:** Rear view of the mixer, highlighting the USB (5V/1A) input port and important caution labels regarding servicing and moisture exposure.





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**Figure 4:** The mixer shown with its physical dimensions: 166mm (length), 171mm (width), and 66mm (height).



**Figure 5:** The included blue USB A to B cable, used for both power and data connection to a computer.

Follow these steps to set up your Citronic U-PAD mixer:

1. **Power Connection:** Connect the supplied USB A to B cable to the USB port on the rear of the mixer and to a suitable USB power source (e.g., a computer USB port or a USB power adapter). The mixer will power on.
2. **Input Connections:**
  - **Mono Channels (MIC/INST 1 & 2):** Connect microphones via XLR or instruments/line-level devices via 1/4" jack to the combo inputs.
  - **Stereo Line Input (CH 3-4 IN):** Connect stereo line-level devices (e.g., keyboards, media players) using 1/4" jack cables to the L/MONO and R inputs.
3. **Output Connections:** Connect the MAIN OUT L and R XLR outputs to your amplifier, powered speakers, or recording interface.
4. **Headphone Connection:** Connect your headphones to the PHONES 1/4" jack for monitoring.
5. **USB Audio Connection:** If using the mixer with a computer for recording or playback, connect the USB A to B cable to your computer. The mixer should be recognized as an audio device without requiring special drivers on most operating systems (Windows, macOS).

## Operating Instructions

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Understanding the controls of your U-PAD mixer is key to achieving optimal sound:

### Channel Controls (Mono Channels 1 & 2, Stereo Channel 3-4)

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the PK LED).
- **HIGH/LOW EQ:** These knobs control the treble (HIGH) and bass (LOW) frequencies for each channel. Use them to shape the tone of your audio.
- **PAN (Mono Channels):** Adjusts the position of the mono signal in the stereo field (left to right).
- **BAL (Stereo Channel):** Balances the left and right signals of the stereo input.
- **VOL:** Controls the output volume of each individual channel to the main mix.
- **+48V Phantom Power:** For mono channels, press the +48V button to supply phantom power to condenser microphones connected via XLR. Ensure microphones are compatible before activating.
- **IMPED (Impedance Switch):** For mono channels, switch between MIC (low impedance) and INST-HI-Z (high impedance) for optimal input matching.

### Master Section Controls

- **MAIN OUT:** Controls the overall volume of the main stereo output.
- **PHONES:** Adjusts the volume for the headphone output.
- **USB/2TK Input:** This section allows routing of the digital audio input from the USB connection. The input can be routed to the main output or to the headphones for monitoring.
- **LEVEL METER:** The LED meter displays the output level of the main mix. Aim for levels that are strong but do not consistently peak into the red.

## Maintenance

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Proper care and maintenance will ensure the longevity of your Citronic U-PAD mixer:

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the surface of the mixer. Do not

use abrasive cleaners, waxes, or solvents.

- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust accumulation, which can affect faders and knobs.
- **Avoid Liquids:** Never allow liquids to spill onto or into the mixer, as this can cause severe damage to internal components.
- **Handle with Care:** Avoid dropping or subjecting the mixer to strong impacts.

## Troubleshooting

If you encounter issues with your U-PAD mixer, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
No sound output from main mix	Main OUT volume is too low; individual channel volume is too low; incorrect cable connection; amplifier/speakers off or muted.	Increase MAIN OUT volume. Increase individual channel VOL. Check all audio cable connections. Ensure amplifier/speakers are on and unmuted.
No sound from a specific channel	Channel VOL is too low; GAIN is too low; input device not connected or off; incorrect IMPED setting; PAN/BAL set to one side.	Increase channel VOL and GAIN. Check input device and cable. Adjust IMPED switch. Center PAN/BAL knob.
Distorted sound	GAIN or VOL levels are too high (clipping); impedance mismatch; faulty cable.	Reduce GAIN and channel VOL until PK LED no longer illuminates. Check IMPED setting. Try a different cable.
USB audio not recognized by computer	USB cable not properly connected; computer USB port issue; operating system audio settings.	Ensure USB cable is securely connected. Try a different USB port on your computer. Check your computer's sound settings to ensure the U-PAD is selected as the input/output device.
No phantom power (+48V) to microphone	+48V button not engaged; microphone not compatible with phantom power; faulty XLR cable.	Press the +48V button. Ensure your microphone requires and is compatible with phantom power. Test with a different XLR cable.

## Specifications

Detailed technical specifications for the Citronic U-PAD Compact Mixer:


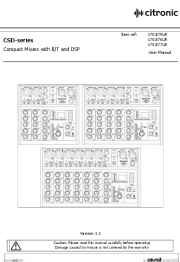
Feature	Specification
Model Number	170.879

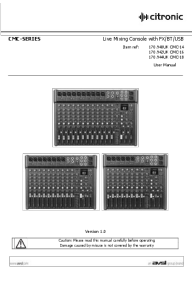



Feature	Specification
Product Dimensions (L x W x H)	16.6 x 17.1 x 6.6 cm
Item Weight	1.21 Kilograms
Hardware Interface	USB
Connectivity Technology	USB
Number of Channels	5 (2 Mono, 1 Stereo, USB Input)
Power Source	Cable Electric (USB powered)
Phantom Power	+48V (individually switchable for mono channels)
Analog Inputs	XLR/1/4" combo (x2), 1/4" stereo (x1)
Analog Outputs	XLR balanced (Main Out L/R), 1/4" (Phones)
Digital I/O	USB Stereo Input/Output

## Warranty Information and Customer Support

Citronic products are manufactured to high standards and are designed for reliable performance. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Citronic website. In case of technical issues or if you require assistance, please contact your retailer or the authorized Citronic service center. Do not attempt to repair the unit yourself, as this may void your warranty.

### Related Documents - 170.879

	<p><a href="#">Citronic Q-PAD Compact Mixer USB/BT/mp3 User Manual</a></p> <p>User manual for the Citronic Q-PAD compact mixer (model 170.814UK). Covers setup, operation, input/output connections, USB/Bluetooth playback, EQ, delay effects, and specifications. Includes safety information and technical details for professional audio applications.</p>
	<p><a href="#">Citronic CSD-series Compact Mixers User Manual</a></p> <p>Explore the Citronic CSD-series compact mixers with Bluetooth and DSP. This user manual provides essential information on setup, operation, and features for professional audio applications.</p>

 <p>The image shows the front cover of the Citronic CMC-Series Live Mixing Console User Manual. It features the Citronic logo at the top, followed by the title 'CMC-Series Live Mixing Console User Manual'. Below the title, there are three small images of the mixing console units. At the bottom, there is a warning icon and some text.</p>	<p><a href="#">Citronic CMC-Series Live Mixing Console User Manual</a></p> <p>User manual for Citronic CMC-Series Live Mixing Consoles (CMC-14, CMC-16, CMC-18). Covers setup, operation, USB, Bluetooth, DSP effects, and specifications for live and studio audio.</p>
 <p>The image shows the front cover of the Citronic CDM8:4 USB DJ Mixer User Manual. It features the Citronic logo at the top, followed by the title 'CDM8:4 USB DJ Mixer User Manual'. Below the title, there is a small image of the DJ mixer. At the bottom, there is a warning icon and some text.</p>	<p><a href="#">Citronic CDM8:4 USB DJ Mixer User Manual</a></p> <p>Comprehensive user manual for the Citronic CDM8:4 USB Rackmount DJ Mixer, detailing its features, controls, operation, troubleshooting, and technical specifications.</p>
 <p>The image shows the front cover of the Citronic PPX Series Power Amplifiers User Manual. It features the Citronic logo at the top, followed by the title 'PPX Series Power Amplifiers User Manual'. Below the title, there are three small images of the power amplifier units. At the bottom, there is a warning icon and some text.</p>	<p><a href="#">Citronic PPX Series Power Amplifiers User Manual</a></p> <p>User manual for the Citronic PPX Series power amplifiers, covering models PPX300, PPX600, and PPX900. Provides instructions on operation, safety, placement, cleaning, front and rear panel descriptions, specifications, and troubleshooting.</p>
 <p>The image shows the front cover of the Citronic MONOLITH mk3 Active Sub + Column Array User Manual. It features the Citronic logo at the top, followed by the title 'MONOLITH mk3 Active Sub + Column Array User Manual'. Below the title, there is a small image of the subwoofer and column array. At the bottom, there is a warning icon and some text.</p>	<p><a href="#">Citronic MONOLITH mk3 Active Sub + Column Array User Manual</a></p> <p>User manual for the Citronic MONOLITH mk3 active sub + column array, detailing setup, operation, media player functions, Bluetooth connectivity, and technical specifications for sound reinforcement applications.</p>