

## LXJZXQXA XTA DP448

# LXJZXQXA XTA DP448 Audio Processor User Manual

Model: XTA DP448 | Brand: LXJZXQXA

## 1. INTRODUCTION

---

This manual provides essential information for the safe and efficient use of your LXJZXQXA XTA DP448 Audio Processor. Please read these instructions carefully before installation and operation. Retain this manual for future reference.

## 2. WHAT'S IN THE BOX

---

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1PC USED Audio Processor (XTA DP448)

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

## 3. SAFETY INFORMATION

---

**WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.**

- **Power Supply:** Ensure the power supply voltage matches the requirements specified on the unit. Use only the provided power cable or an approved replacement.
- **Grounding:** This equipment must be EARTHED. Do not defeat the safety purpose of the polarized or grounding-type plug.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Ensure adequate airflow around the unit to prevent overheating.
- **Environment:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Avoid exposure to direct sunlight, extreme temperatures, or high humidity.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus

has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## 4. SETUP

Follow these steps to properly set up your XTA DP448 Audio Processor:

1. **Unpacking:** Carefully remove the unit from its packaging.
2. **Placement:** Place the audio processor on a stable, flat surface or mount it in a standard 19-inch equipment rack. Ensure sufficient space for ventilation.
3. **Rear Panel Connections:** Connect your audio sources to the input connectors and your amplifiers or other audio equipment to the output connectors on the rear panel.



**Figure 4.1:** Rear panel connections of the XTA DP448 Audio Processor. This image displays the power input, RS485 control ports, and multiple audio output connectors, including AES/EBU digital and analog XLR outputs, essential for integrating the processor into an audio system.

4. **Power Connection:** Connect the power cable to the AC inlet on the rear panel and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting.



**Figure 4.2:** Front view of the XTA DP448 Audio Processor. This image shows the overall design, including the bright blue chassis, the clear green LCD screens for status and menu navigation, and the array of control buttons and rotary knobs used for system configuration and real-time adjustments.

## 5. OPERATING INSTRUCTIONS

---

The XTA DP448 Audio Processor features an intuitive front panel for configuration and monitoring. Familiarize yourself with the controls:

### 5.1 Front Panel Overview



**Figure 5.1:** Front panel display and navigation controls. This detailed view highlights the LCD screen, which displays operational parameters and menu options, along with the 'BACK', 'NEXT', 'MENU', 'ENTER', 'BYPASS', and 'QUIT' buttons used for navigating the system's interface.

- **LCD Display:** Shows current settings, menu options, and real-time audio levels.
- **Navigation Buttons (BACK, NEXT, MENU, ENTER):** Used to navigate through menus and confirm selections.
- **BYPASS Button:** Engages or disengages the processing for quick A/B comparison.
- **QUIT Button:** Exits current menu or function.



**Figure 5.2:** Front panel rotary controls and indicators. This image focuses on the 'FREQ' and 'GAIN' rotary knobs, which allow for precise adjustment of audio parameters, alongside the LED indicators for input and output levels, providing visual feedback on signal presence and clipping.

- **Rotary Knobs (FREQ, GAIN):** Used for adjusting frequency and gain parameters within the selected menu.
- **Input/Output Indicators:** LEDs that show signal presence and clipping for each input and output channel.

## 5.2 Basic Operation

1. **Power On:** Flip the power switch on the rear panel to the ON position. The unit will perform a self-test and display the main operating screen.
2. **Menu Navigation:** Press the 'MENU' button to access the main menu. Use 'BACK' and 'NEXT' to scroll through options, and 'ENTER' to select.
3. **Parameter Adjustment:** Once a parameter is selected, use the 'FREQ' or 'GAIN' knobs to adjust its value. Press 'ENTER' to confirm the change or 'QUIT' to cancel.
4. **Saving Settings:** Refer to the on-screen prompts for saving your configurations. It is recommended to save your settings regularly.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your audio processor.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris. Blocked vents can lead to overheating.



**Figure 6.1:** Side view showing ventilation grilles. This image illustrates the side panel of the XTA DP448, highlighting the ventilation grilles which are crucial for dissipating heat and maintaining optimal operating temperature for the internal components.

- **Storage:** If storing the unit for an extended period, disconnect it from power, clean it, and store it in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your XTA DP448 Audio Processor, refer to the following common problems and solutions:

| Problem          | Possible Cause  | Solution   |
|------------------|---|--|
| No Power         | Power cable disconnected; Power switch off; Faulty power outlet.                              | Check power cable connection; Ensure power switch is ON; Test power outlet with another device.                |
| No Audio Output  | Incorrect input/output connections; Unit in BYPASS mode; Gain settings too low; Mute engaged. | Verify all audio cable connections; Press BYPASS button; Adjust gain settings; Check for mute status in menus. |
| Distorted Audio  | Input signal too high (clipping); Output signal too high; Incorrect processing settings.      | Reduce input level from source; Reduce output gain; Review and adjust processing parameters.                   |
| Unit Overheating | Blocked ventilation; Insufficient airflow.  | Ensure ventilation grilles are clear; Provide adequate space around the unit for airflow.                      |

If the problem persists after attempting these solutions, please contact qualified service personnel.

## 8. SPECIFICATIONS

---

Key technical specifications for the LXJZXQXA XTA DP448 Audio Processor:

- **Brand:** LXJZXQXA
- **Model:** XTA DP448
- **Product Type:** Audio Processor
- **Processor Count:** 1
- **Processor Core Count:** 1
- **Condition:** USED
- **ASIN:** B0CKH7LT35
- **Date First Available:** October 5, 2023

## 9. CONTACT AND SUPPORT

---

For further assistance, technical support, or service inquiries, please contact your original point of purchase or the manufacturer, LXJZXQXA. Please have your model number (XTA DP448) and purchase details ready when contacting support.