

Alctron DI2750N

Alctron DI2750N Bluetooth Stereo USB DI Box User Manual

Model: DI2750N

1. INTRODUCTION

The Alctron DI2750N is a versatile stereo USB DI box designed for converting digital audio signals to analog. It offers both wired USB and wireless Bluetooth connectivity, providing flexibility for various audio setups. This device ensures high-speed transmission and exceptional shielding against noise, making it suitable for demanding audio environments. Its unique electronic circuit is engineered to handle high sound pressure, effectively reducing distortion feedback.

2. SAFETY INFORMATION

- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not open the casing; refer all servicing to qualified personnel.
- Use only the specified power supply or USB connection for power.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Alctron DI2750N Stereo USB DI Box
- USB Cable
- User Manual (this document)
- (Additional accessories may vary by region or retailer)

4. PRODUCT OVERVIEW

The Alctron DI2750N features a compact design with intuitive controls and connectivity options. Familiarize yourself with the device's layout before operation.



Figure 1: Alctron DI2750N Stereo USB DI Box, showing the overall unit with antenna and front panel controls.



Figure 2: Detailed view of the Alctron DI2750N front panel, highlighting the USB and BT volume knobs, BT Power button, Reset button, Status and Charge indicators, Mono switch, Headphone output, and USB port.

4.1 Front Panel Controls and Indicators

- **POWER:** Main power switch for the unit.
- **VOLUME USB:** Adjusts the output volume for USB audio.
- **VOLUME BT:** Adjusts the output volume for Bluetooth audio.
- **BT POWER:** Button to turn Bluetooth on/off.
- **RESET:** Button to reset the device.
- **STATUS LED:** Indicates the operational status of the device.
- **CHARGE LED:** Indicates battery charging status.
- **MONO Switch:** Toggles between stereo and mono output modes.
- **Headphone Output:** 3.5mm stereo jack for headphone monitoring.
- **USB Port:** For connecting to a computer for audio and power.
- **ANT:** Bluetooth antenna.

5. SETUP

5.1 Power Connection

1. Ensure the DI2750N is switched off.
2. Connect the supplied USB cable to the USB port on the DI2750N.

3. Connect the other end of the USB cable to a powered USB port on your computer or a USB power adapter. The CHARGE LED will illuminate if the internal battery is charging.

5.2 Audio Output Connection

Connect the analog outputs of the DI2750N to your mixing console, audio interface, or amplifier using appropriate XLR cables (not included).

5.3 Headphone Connection

For monitoring, connect your headphones to the 3.5mm headphone output jack on the front panel.

6. OPERATING INSTRUCTIONS

6.1 USB Audio Playback (Plug and Play)

1. Connect the DI2750N to your computer via the USB cable.
2. Turn on the DI2750N using the POWER switch.
3. Your computer should automatically recognize the DI2750N as an audio output device without requiring additional drivers.
4. Select "Alctron DI2750N" as your audio output device in your computer's sound settings or audio software.
5. Adjust the output volume using the **VOLUME USB** knob.

6.2 Bluetooth Audio Playback

1. Turn on the DI2750N using the POWER switch.
2. Press the **BT POWER** button to activate Bluetooth. The STATUS LED will blink, indicating pairing mode.
3. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.
4. Select "Alctron DI2750N" from the list to pair. The STATUS LED will become solid when successfully paired.
5. Play audio from your device.
6. Adjust the output volume using the **VOLUME BT** knob.

6.3 Mono/Stereo Switch

Use the **MONO** switch to toggle between stereo and mono output modes as required by your audio setup. In mono mode, both left and right channels are summed to a single mono signal.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery:** For optimal battery life, avoid fully discharging the unit frequently. Charge the unit periodically if stored for a long time.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output (USB)	<ul style="list-style-type: none">◦ Device not powered on.◦ Incorrect audio output selected on computer.◦ USB cable faulty or disconnected.◦ Volume knobs set too low.	<ul style="list-style-type: none">◦ Ensure POWER switch is ON.◦ Select "Alctron DI2750N" as the audio output.◦ Check USB cable connection and try another port/cable.◦ Increase VOLUME USB knob.
No sound output (Bluetooth)	<ul style="list-style-type: none">◦ Bluetooth not activated or paired.◦ Device out of range.◦ Volume knobs set too low.	<ul style="list-style-type: none">◦ Press BT POWER, ensure STATUS LED is solid. Re-pair if necessary.◦ Move Bluetooth device closer to the DI2750N.◦ Increase VOLUME BT knob.
Distorted audio	<ul style="list-style-type: none">◦ Input signal too high.◦ Volume knobs set too high.	<ul style="list-style-type: none">◦ Reduce the input level from the source device.◦ Lower the VOLUME USB or VOLUME BT knob.

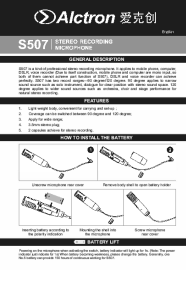

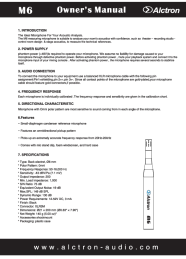
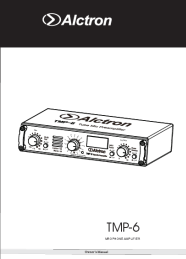

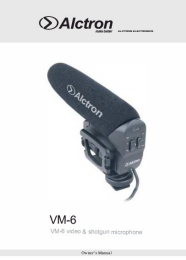
9. SPECIFICATIONS

Feature	Detail
Model Name	DI2750N
Brand	Alctron
Type	Stereo USB DI Box
Connectivity Technology	Wireless (Bluetooth), Wired (USB)
Headphone Output	3.5mm Stereo Jack (via USB Audio Interface)
Wireless Communication Technology	Bluetooth
Dimensions	18 x 15 x 8 cm

10. WARRANTY AND SUPPORT

Alctron products are manufactured to high-quality standards. For warranty information and technical support, please refer to the warranty card included with your product or visit the official Alctron website. Keep your purchase receipt as proof of purchase. For further assistance, please contact Alctron customer service.

Related Documents - DI2750N

 <p>Alctron 麦克创 S507 STEREO RECORDING MICROPHONE</p> <p>Discover the Alctron S507, a professional stereo recording microphone designed for mobile phones, computers, and DSLRs. Learn about its features, dual recording patterns (90°/120°), installation guide, safety precautions, and technical specifications.</p>	<p>Alctron S507 Stereo Recording Microphone: Features, Installation, and Specifications</p> <p>Discover the Alctron S507, a professional stereo recording microphone designed for mobile phones, computers, and DSLRs. Learn about its features, dual recording patterns (90°/120°), installation guide, safety precautions, and technical specifications.</p>
 <p>Alctron</p> <p>Discover the Alctron TK120 Instrumental Microphone Kits, a professional audio solution detailed in this owner's manual. Learn about its versatile features, technical specifications, and usage guidelines for optimal sound capture.</p>	<p>Alctron TK120 Instrumental Microphone Kits Owner's Manual</p> <p>Discover the Alctron TK120 Instrumental Microphone Kits, a professional audio solution detailed in this owner's manual. Learn about its versatile features, technical specifications, and usage guidelines for optimal sound capture.</p>
 <p>M6 Owner's Manual Alctron</p> <p>Explore the Alctron M6 microphone with its owner's manual. Learn about its omnidirectional polar pattern, frequency response, specifications, and connection details for professional acoustic analysis.</p>	<p>Alctron M6 Microphone Owner's Manual - Specifications and Features</p> <p>Explore the Alctron M6 microphone with its owner's manual. Learn about its omnidirectional polar pattern, frequency response, specifications, and connection details for professional acoustic analysis.</p>
 <p>Alctron</p> <p>Owner's manual for the Alctron TMP-6 Tube Mic Preamplifier, detailing its features, functions, connections, and specifications for studio and live applications.</p>	<p>Alctron TMP-6 Tube Mic Preamplifier: Owner's Manual and Specifications</p> <p>Owner's manual for the Alctron TMP-6 Tube Mic Preamplifier, detailing its features, functions, connections, and specifications for studio and live applications.</p>
 <p>Alctron USB700</p> <p>A concise guide to setting up and using the Alctron USB700 omni-directional USB boundary microphone. Includes setup instructions for Windows XP and Windows 7, recording tips, and technical specifications.</p>	<p>Alctron USB700 Boundary Microphone: Quick Connection Manual & Specifications</p> <p>A concise guide to setting up and using the Alctron USB700 omni-directional USB boundary microphone. Includes setup instructions for Windows XP and Windows 7, recording tips, and technical specifications.</p>
 <p>Alctron</p> <p>Owner's manual for the Alctron VM-6, a professional video and shotgun microphone. Learn about its features, specifications, mounting, controls, power, and warranty.</p>	<p>Alctron VM-6 Video & Shotgun Microphone Owner's Manual</p> <p>Owner's manual for the Alctron VM-6, a professional video and shotgun microphone. Learn about its features, specifications, mounting, controls, power, and warranty.</p>

