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Devine MixPad 502

Devine MixPad 502 Professional 5-Channel Mixer User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your Devine MixPad 502 Professional 5-Channel Mixer. Please read this manual thoroughly before using the device to ensure proper setup, operation, and maintenance. Keep this manual for future reference.

2. Safety Instructions

To reduce the risk of electric shock, fire, or damage to the unit, always observe the following basic safety precautions:

- **Power Source:** Connect the unit only to the specified power supply voltage. Ensure the power cord is not damaged or pinched.
- **Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Install the unit in a location with proper airflow.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Clean only with a dry cloth. Disconnect the power before cleaning.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- **Foreign Objects:** Do not insert any objects into the unit's openings.

3. Product Overview

The Devine MixPad 502 is a compact 5-channel mixer designed for various audio applications. It features a mono input channel with XLR and 6.35mm line inputs, along with stereo line inputs and a dedicated CD/Tape section.

3.1 Top Panel Controls and Connections

The top panel provides access to all primary controls and input/output connections for easy operation.



Image: Top view of the Devine MixPad 502 mixer, highlighting the layout of controls and connections.

- **MIC Input (XLR):** Balanced input for microphones.
- **LINE IN (6.35mm TRS/TS):** Balanced/unbalanced input for line-level sources.
- **TRIM Knob:** Adjusts the input gain for the mono channel.
- **EQ (HIGH/LOW):** 2-band equalizer for adjusting treble (12 kHz) and bass (80 Hz) frequencies.
- **PAN Knob:** Adjusts the stereo position of the mono channel.
- **LEVEL Knobs:** Adjusts the volume for each channel and the main mix.
- **PHANTOM Power Switch:** Activates +48V phantom power for condenser microphones.

- **CD/TAPE Input/Output (RCA):** Stereo RCA jacks for connecting external playback or recording devices.
- **PHONES Output (6.35mm TRS):** Stereo output for headphones.
- **MAIN OUT (6.35mm TRS):** Stereo main output for connecting to amplifiers or recording devices.
- **LED Indicators:** Power, +48V, Clip, and Level meters for visual feedback.

3.2 Rear Panel Connections

The rear panel houses the power input and model identification.



Image: Rear view of the Devine MixPad 502 mixer, displaying the power input and regulatory markings.

- **POWER IN:** Connector for the external power adapter.

4. Setup

Follow these steps for initial setup of your MixPad 502 mixer:

1. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation around the unit.
2. **Power Connection:** Ensure the mixer's power switch is OFF. Connect the provided power adapter to the POWER IN jack on the rear panel, then plug the adapter into a suitable AC power outlet.
3. **Input Connections:**

- **Microphones:** Connect microphones to the XLR MIC input. If using a condenser microphone requiring phantom power, ensure the PHANTOM switch is OFF before connecting, then activate it after connection.
- **Line-Level Devices:** Connect instruments, media players, or other line-level devices to the 6.35mm LINE IN jacks (mono or stereo channels) or the CD/TAPE RCA inputs.

4. **Output Connections:**
   - **Main Output:** Connect the MAIN OUT (6.35mm TRS) to your amplifier, powered speakers, or recording interface.
   - **Headphones:** Connect headphones to the PHONES output for monitoring.
5. **Initial Settings:** Before powering on, set all LEVEL knobs to their minimum position and the TRIM knob to its minimum.

5. Operating Instructions

This section details the basic operation of the Devine MixPad 502.

5.1 Powering On and Off

1. **Power On:** After all connections are made and levels are set to minimum, switch on the mixer's power. Then, switch on any connected amplifiers or powered speakers.
2. **Power Off:** First, switch off any connected amplifiers or powered speakers. Then, switch off the mixer.

5.2 Adjusting Input Levels

1. **Mono Channel (MIC/LINE IN 1):**
   - Speak into the microphone or play audio from the line source.
   - Slowly increase the TRIM knob until the signal is strong but the CLIP LED does not light up frequently. Occasional flashes are acceptable.
   - Adjust the channel's LEVEL knob to set its volume within the mix.
2. **Stereo Channels (LINE IN 2/3, LINE IN 4/5, CD/TAPE):**
   - Play audio from the connected stereo source.
   - Adjust the corresponding LEVEL knob to set its volume within the mix.

5.3 Equalization (EQ)

The mono channel features a 2-band EQ:

- **HIGH (12 kHz):** Adjusts the treble frequencies. Turn clockwise to boost, counter-clockwise to cut.
- **LOW (80 Hz):** Adjusts the bass frequencies. Turn clockwise to boost, counter-clockwise to cut.

5.4 Panning

The PAN knob on the mono channel allows you to position the sound source within the stereo field. Turn left for left speaker emphasis, right for right speaker emphasis.

5.5 Main Mix and Monitoring

- **MAIN MIX Level:** Adjust the MAIN MIX LEVEL knob to control the overall output volume sent to your main speakers or recording device.
- **PHONES Level:** Adjust the PHONES LEVEL knob to control the volume of your headphones for monitoring.

- **CD/TAPE to PHONES/MIX:** Use the switches in the CD/TAPE section to route the CD/TAPE input to either the headphones only or to the main mix.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your mixer.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use liquid cleaners, solvents, or abrasive materials.
- **Storage:** When not in use, store the mixer in a clean, dry environment, away from extreme temperatures and direct sunlight.
- **Ventilation:** Regularly check that the ventilation slots are free from dust and debris.

7. Troubleshooting

If you encounter issues with your Devine MixPad 502, refer to the following common problems and solutions:

- **No Power:**
  - Ensure the power adapter is securely connected to both the mixer and a working power outlet.
  - Verify the power switch on the mixer is in the 'ON' position.
- **No Sound Output:**
  - Check all input and output cables for secure connections.
  - Ensure all channel LEVEL knobs and the MAIN MIX LEVEL knob are turned up.
  - Verify that connected amplifiers or powered speakers are turned on and their volume is adjusted.
  - Check the PHONES level if monitoring through headphones.
- **Distorted Sound:**
  - Reduce the TRIM knob for the input channel if the CLIP LED is constantly lit.
  - Lower the channel LEVEL or MAIN MIX LEVEL if the output signal is too high for connected devices.
  - Ensure all cables are in good condition and correctly connected.
- **Microphone Not Working (Condenser Mic):**
  - Ensure +48V PHANTOM power is activated for condenser microphones.
  - Check the microphone cable and the microphone itself.

If the problem persists after attempting these solutions, please contact customer support or a qualified service technician.

8. Specifications

Feature	Specification
Brand	Devine
Model	MixPad 502

Feature	Specification
Number of Channels	5
Dimensions (L x W x H)	40 x 18 x 10 cm
Weight	1 Kilogram
Power Type	Electric Cable
Connectivity Technology	Auxiliary
Mono Channel Input	XLR (Mic), 6.35mm TRS/TS (Line)
EQ	3-band (High, Mid, Low) on mono channel
Phantom Power	+48V

9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Devine website. Keep your proof of purchase for any warranty claims.

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