

## VONYX STM2500

# Vonyx STM2500 5-Channel DJ Mixer User Manual

Model: STM2500 | Brand: Vonyx

## 1. INTRODUCTION

Thank you for purchasing the Vonyx STM2500 5-Channel DJ Mixer. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.

## 2. SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the requirements specified on the unit.
- Do not expose the unit to rain or moisture to prevent electric shock.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the casing. Refer all servicing to qualified personnel.
- Disconnect the power cord before cleaning or when not in use for extended periods.
- Keep the unit away from children.

## 3. PACKAGE CONTENTS

Please check that all items are present upon unpacking:

- Vonyx STM2500 5-Channel DJ Mixer
- Power Cable
- User Manual

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel Controls

The front panel provides access to all mixing controls and primary inputs.



**Image 1:** Front view of the Vonyx STM2500 DJ Mixer, showing all channels, faders, knobs, and the integrated MP3 player with USB port and Bluetooth controls.

1. **Power Switch:** Turns the unit on or off.
2. **USB Port:** For connecting USB drives for MP3 playback.
3. **MP3 Player Controls:** Buttons for play/pause, track navigation, mode selection (USB/Bluetooth).
4. **Channel Input Selectors (CH1-CH4):** Switches to select between different input sources (e.g., MP3/Line, Phono/Line).
5. **Channel Faders (CH1-CH4):** Adjust the volume level for each individual channel.
6. **DJ-MIC Input (6.3mm Jack):** Connects a microphone.
7. **Treble/Bass Controls (DJ-MIC):** Adjust high and low frequencies for the microphone input.
8. **Talkover Switch:** Automatically lowers music volume when the microphone is used.
9. **Master Level:** Controls the overall output volume of the mixer.
10. **Phone Level:** Adjusts the volume for the headphone output.
11. **Cue Select:** Allows selection of channels to monitor through headphones.
12. **Headphone Output (6.3mm Jack):** For connecting headphones.
13. **Crossfader:** Blends audio between Channel 1 and Channel 2.
14. **VU Meter LED:** Displays the output level of the master signal.

## 4.2 Rear Panel Connections

The rear panel houses the main audio inputs and outputs.



**Image 2:** Rear view of the Vonyx STM2500 DJ Mixer, showing the power input, master RCA outputs, record RCA outputs, line inputs, phono inputs, and microphone input.

1. **Power Input:** Connects the included power cable.
2. **Master Output (RCA L/R):** Connects to your amplifier or powered speakers.
3. **Record Output (RCA L/R):** Connects to a recording device.
4. **Line Inputs (RCA L/R):** Connects external audio sources like CD players or media players.
5. **Phono Inputs (RCA L/R):** Connects turntables.
6. **Microphone Input (XLR/6.3mm Combo Jack):** Connects a microphone.

## 5. SETUP

---

Follow these steps to set up your Vonyx STM2500 mixer:

1. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation.
2. **Power Connection:** Connect the power cable to the mixer's power input and then to a suitable power outlet (230V AC). Ensure the power switch is in the OFF position before connecting.
3. **Output Connection:** Connect the Master Output (RCA L/R) on the rear panel to the input of your amplifier or powered speakers.
4. **Input Connections:**
  - For turntables, connect to the Phono Inputs (RCA L/R).
  - For CD players or other line-level devices, connect to the Line Inputs (RCA L/R).
  - Connect microphones to the DJ-MIC input on the front or the XLR/6.3mm combo jack on the rear.
5. **Headphones:** Connect your headphones to the Headphone Output on the front panel.

## 6. OPERATING INSTRUCTIONS

---

### 6.1 Powering On/Off

After all connections are made, switch the power button on the front panel to the 'ON' position. Always turn on your mixer before your amplifier/speakers, and turn it off after your amplifier/speakers.

### 6.2 Selecting Input Sources

Use the input selector switches above each channel fader (CH1-CH4) to choose the desired audio source for that channel (e.g., MP3/Line, Phono/Line).

### 6.3 Bluetooth Connectivity

The STM2500 features a Bluetooth receiver for wireless audio streaming.



**Image 3:** Close-up of the integrated MP3 player section, showing the USB port, display, and control buttons for USB and Bluetooth functions.

1. Ensure the mixer is powered on.
2. Press the 'MODE' button on the MP3 player section until 'BT' or 'Bluetooth' is displayed.
3. On your external device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select 'Vonyx STM2500' from the list to pair.
5. Once paired, you can stream audio wirelessly to the mixer. Use the MP3 player controls to manage playback.

## 6.4 USB Playback

To play MP3 files from a USB drive:

1. Insert a USB drive containing MP3 files into the USB port.
2. Press the 'MODE' button until 'USB' is displayed.
3. Use the play/pause, next, and previous buttons to control playback.

## 6.5 Microphone Usage

1. Connect your microphone to the DJ-MIC input.
2. Adjust the 'DJ-MIC' level knob to control the microphone volume.
3. Use the 'TREBLE' and 'BASS' knobs to adjust the microphone's tone.
4. Activate the 'TALKOVER' switch if you want the music volume to automatically duck when speaking into the microphone.

## 6.6 Mixing and Output

1. Adjust individual channel volumes using the channel faders (CH1-CH4).
2. Use the 'CROSSFADER' to smoothly transition between Channel 1 and Channel 2.
3. Monitor the overall output level using the 'VU METER LED'.
4. Control the final output volume to your amplifier/speakers with the 'MASTER LEVEL' knob.

## 6.7 Monitoring with Headphones

1. Connect your headphones to the Headphone Output.
2. Use the 'CUE SELECT' switch to choose which channel(s) you want to monitor in your headphones without affecting the main output.
3. Adjust the 'PHONE LEVEL' knob to set the headphone volume.

### 6.8 Recording

Connect the 'RECORD OUTPUT' (RCA L/R) on the rear panel to the input of a recording device (e.g., a digital recorder or computer audio interface) to capture your mix.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use abrasive cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Faders and Knobs:** Avoid excessive force when operating faders and knobs. Periodically check for smooth operation.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Power off; Master Level too low; incorrect input selected; amplifier/speakers off or muted.	Check power, increase Master Level, select correct input, check amplifier/speakers.
Bluetooth not connecting	Mixer not in Bluetooth mode; device too far; device already paired elsewhere.	Ensure mixer is in BT mode, move device closer, unpair from other devices.
USB playback not working	USB drive not formatted correctly; unsupported file type; mixer not in USB mode.	Ensure USB is FAT32, files are MP3, select USB mode.
Microphone not working	Microphone not connected; DJ-MIC level too low; microphone faulty.	Check connection, increase DJ-MIC level, test with another microphone.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	STM2500
Number of Channels	5
Connectivity Technology	XLR, Jack, RCA, Bluetooth
Audio Inputs	2x Phono (RCA), 4x Line (RCA), 2x Microphone (6.3mm Jack/XLR Combo), USB, Bluetooth





Feature	Specification
Output Connector Type	RCA (Master, Record), Jack (Headphone)
Frequency Range	20 Hz - 20 kHz
Voltage	230 Volts
Power Type	Electric Cable
Dimensions (L x W x H)	22 x 38 x 8.5 cm
Weight	3.2 kg
Material	Nylon

## 10. WARRANTY AND SUPPORT

Vonyx products are covered by a manufacturer's warranty. For specific warranty terms, technical support, or service inquiries, please refer to the warranty card included with your product or contact your local Vonyx dealer or authorized service center. Keep your proof of purchase for warranty claims.

© 2023 Vonyx. All rights reserved.

### Related Documents - STM2500

 <p>VMM201 Mixer 2CH/EQ/BT Rev. 01-12-2023</p> <p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS</p> <p>102</p>	<p><a href="#">VONYX VMM201 Mixer 2CH/EQ/BT - User Manual and Specifications</a></p> <p>Comprehensive user manual for the VONYX VMM201 2-Channel Mixer with EQ and Bluetooth. Learn about setup, operation, safety, and technical specifications.</p>
 <p>STM3030 Mixer 4 Channel, BT, MP3 Rec/LED Rev. 01-12-2023</p> <p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS</p> <p>101A</p>	<p><a href="#">VONYX STM3030 4-Channel DJ Mixer: User Manual and Operation Guide</a></p> <p>Comprehensive instruction manual for the VONYX STM3030 4-Channel DJ Mixer. Learn about its features, operation, safety precautions, front/rear panel controls, USB/SD/BT playback, and technical specifications.</p>

<div data-bbox="132 98 295 315"><p>VDX10 Phantom Power Supply Ref. nr.: 152.006</p><p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSAALETTUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI NÁVOD K POUŽITÍ</p></div> <p>91.0</p>	<p><a href="#">Vonyx VDX10 Phantom Power Supply Instruction Manual</a></p> <p>Comprehensive instruction manual for the Vonyx VDX10 Phantom Power Supply, covering setup, operation, safety precautions, and technical specifications for audio equipment.</p>
<div data-bbox="132 412 295 629"><p>WM55 Wireless Microphone Ref. nr.: 152.010</p><p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSAALETTUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI</p></div> <p>91.1</p>	<p><a href="#">VONYX WM55 Wireless Microphone Instruction Manual</a></p> <p>Comprehensive instruction manual for the VONYX WM55 Wireless Microphone, covering setup, operation, safety precautions, and technical specifications. Includes multilingual safety information.</p>
<div data-bbox="132 815 295 1032"><p>WM552 Wireless Dual Micro UHF Plug-in Ref. nr.: 152.011</p><p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSAALETTUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI</p></div> <p>91.2</p>	<p><a href="#">VONYX WM552 Wireless Dual UHF Plug-in Microphone System - User Manual &amp; Specifications</a></p> <p>User manual for the VONYX WM552 Wireless Dual UHF Plug-in Microphone System. Provides detailed instructions on setup, operation, safety precautions, technical specifications, and compliance information for this audio equipment.</p>
<div data-bbox="132 1128 295 1346"><p>MEG060 Megaphone 60W Ref. nr.: 952.014</p><p>INSTRUCTION MANUAL GEBRUIKSAANWIJZING GEBRUCHSAALETTUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI NÁVOD K POUŽITÍ</p></div> <p>92.0</p>	<p><a href="#">VONYX MEG060 Megaphone 60W Instruction Manual</a></p> <p>Comprehensive instruction manual for the VONYX MEG060 Megaphone 60W (Ref. nr.: 952.014). Learn about its features, operation, safety guidelines, parts, functions, recording capabilities, and technical specifications.</p>