Vonyx CDJ500

Vonyx CDJ500 Dual CD/MP3/USB Mixer with Bluetooth Instruction Manual

1. INTRODUCTION

Thank you for purchasing the Vonyx CDJ500 Dual CD/MP3/USB Mixer with Bluetooth. This professional-grade DJ system combines two CD/MP3 players, two USB inputs, and a 2-channel mixer with Bluetooth connectivity into a single, compact unit. Designed for both amateur and professional DJs, the CDJ500 offers a comprehensive set of features including scratch, loop, cue, and pitch control, along with master and record outputs. Please read this manual thoroughly to understand the product's features and ensure safe and optimal operation.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Connect the unit only to a grounded mains outlet with the specified voltage. Ensure the power cord is not damaged.

- **Moisture:** Do not expose the unit to rain or moisture to avoid electric shock. Do not place objects filled with liquids, such as vases, on the unit.

- **Ventilation:** Ensure adequate ventilation. Do not cover 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.

- **Servicing:** Do not attempt to repair the unit yourself. Refer all servicing to qualified service personnel.

- **Cleaning:** Clean the unit only with a dry cloth.

- **Placement:** Place the unit on a stable, level surface.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Vonyx CDJ500 Dual CD/MP3/USB Mixer

- Power Cable

- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Front and Top Panel Layout

The image below displays the overall layout of the Vonyx CDJ500, highlighting its dual CD/USB players and central mixer section. This view provides a comprehensive look at all controls and interfaces available to the user.

Figure 1: Top-down view of the Vonyx CDJ500

A closer look at the main controls, including the jog wheels, pitch faders, and mixer knobs, is provided in the following image. This detail is crucial for understanding individual function placement.

Figure 2: Close-up of controls

4.2 Front Connections

The front panel of the CDJ500 features essential connections for performance and monitoring, including microphone and headphone jacks, as well as the CD loading slots.

Figure 3: Front panel connections

- **CD Slots:** For inserting audio CDs or MP3 CDs.
- **Microphone Input (6.3mm Jack):** Connect a microphone for vocal performance or announcements.
- **Headphone Output (6.3mm Jack):** Connect headphones for monitoring audio.

4.3 Rear Connections

The rear panel provides all necessary input and output connections for integrating the CDJ500 into your audio setup, including power, external audio inputs, and master outputs.

Figure 4: Rear panel connections

- **Power Input:** Connect the supplied power cable.

- **External Audio Inputs (RCA):** Connect external audio sources (e.g., turntables, other media players).

- **Master Output (RCA):** Connect to your amplifier or powered speakers.

- **Speaker Terminals:** Connect passive speakers directly to the integrated amplifier.

5. SETUP

1. **Placement:** Place the CDJ500 on a stable, flat surface, ensuring adequate ventilation around the unit.

2. **Power Connection:** Connect the power cable to the unit's power input and then to a grounded mains outlet.

3. **Audio Output:**

   - For powered speakers or an external amplifier: Connect the Master Output (RCA) to the input of your amplifier or powered speakers.

   - For passive speakers: Connect your speakers directly to the speaker terminals on the rear panel.

4. **External Audio Sources (Optional):** If using external devices, connect them to the RCA inputs on the rear panel.

5. **Microphone (Optional):** Connect a 6.3mm jack microphone to the Microphone Input on the front panel.

6. **Headphones (Optional):** Connect 6.3mm jack headphones to the Headphone Output on the front panel for monitoring.

7. **Power On:** Switch on the unit using the power button on the rear panel.

6. OPERATING INSTRUCTIONS

6.1 CD Playback

The CDJ500 features two CD players. The image below shows a CD being inserted into one of the slots.

Figure 5: Inserting a CD

1. Insert an audio CD or MP3 CD into one of the CD slots. The unit will automatically load and read the disc.

2. Select the CD source for the desired channel on the mixer.

3. Use the Play/Pause button to start or stop playback.

4. Use the Track Skip buttons to navigate between tracks.

5. The display will show track information and elapsed/remaining time.

6.2 USB Playback

The CDJ500 supports USB media playback. The image below shows a USB drive connected to one of the USB ports.

Figure 6: USB drive connected

1. Insert a USB flash drive or external hard drive (formatted to FAT32) into one of the USB ports.

2. Select the USB source for the desired channel on the mixer.

3. Use the navigation buttons to browse folders and select tracks.

4. Use the Play/Pause button to start or stop playback.

6.3 Bluetooth Streaming

1. Activate Bluetooth mode on the CDJ500. The Bluetooth indicator will flash.

2. Enable Bluetooth on your smartphone, tablet, or other compatible device.

3. Search for available devices and select "Vonyx CDJ500" to pair.

4. Once paired, the Bluetooth indicator will become solid. You can now stream audio wirelessly to the CDJ500.

6.4 Mixer Functions

- **Channel Faders:** Adjust the volume level for each channel (CD/USB/Bluetooth/External Input).

- **Crossfader:** Blend audio seamlessly between Channel A and Channel B.

- **EQ Controls (Low, Mid, High):** Adjust the bass, midrange, and treble frequencies for each channel.

- **Master Volume:** Controls the overall output volume of the mixer.

- **Cue Function:** Use the Cue buttons to pre-listen to a channel through headphones without sending it to the master output.

6.5 Special Features

- **Scratch:** Use the jog wheels to simulate vinyl scratching effects.

- **Loop:** Create seamless loops of audio segments.

- **Pitch Control:** Adjust the playback speed and pitch of tracks using the pitch faders.
- **Auto-Cue:** Automatically sets a cue point at the beginning of a track or at the first sound.

7. Maintenance

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **CD Tray:** Keep the CD trays free of dust and debris.
- **Storage:** When not in use, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Regularly check that ventilation openings are clear and not obstructed.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Unit switched off.	Check power cable connection; Try a different outlet; Ensure power switch is ON.
No sound output	Volume levels too low; Incorrect input/output connections; Incorrect source selected.	Increase Master/Channel volumes; Verify all audio cables are correctly connected; Select the correct input source (CD, USB, BT, Line).
CD not reading	CD is dirty or scratched; CD inserted incorrectly; Unsupported CD format.	Clean the CD; Re-insert the CD correctly; Ensure it's an audio CD or MP3 CD.
USB not reading	USB drive not formatted correctly; Unsupported file format; USB drive damaged.	Ensure USB is FAT32 formatted; Use MP3 files; Try a different USB drive.
Bluetooth not pairing	Bluetooth not enabled on device; Device too far; Interference.	Ensure Bluetooth is active on both devices; Move device closer; Avoid sources of interference.

9. Specifications

Feature	Specification
Model Number	172810
Power Output	200W (2x 100W)
Frequency Range	20 Hz - 20 kHz

Feature	Specification
Signal-to-Noise Ratio	> 90dB
Pitch Bend Range	+/- 12%
Mixer Inputs	RCA (2x Line/Phono), USB (2x)
Microphone Input	6.3mm Jack
Headphone Output	6.3mm Jack
Master Output	RCA
Speaker Output	Clamp terminals
Power Supply	230Vac / 50Hz
Dimensions (L x W x H)	482 x 260 x 110 mm
Weight	6.5 kg

10. WARRANTY AND SUPPORT

Vonyx products are designed and manufactured to the highest quality standards. In the unlikely event of a problem with your product, please contact your retailer for assistance. Keep your proof of purchase as it will be required for any warranty claims. This manual is intended for informational purposes only, and specifications are subject to change without notice.

Related Documents - CDJ500

[VONYX STM3030 4-Channel DJ Mixer: User Manual and Operation Guide](#)
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.

[VONYX VMM201 Mixer 2CH/EQ/BT - User Manual and Specifications](#)

Comprehensive user manual for the VONYX VMM201 2-Channel Mixer with EQ and Bluetooth. Learn about setup, operation, safety, and technical specifications.

[VONYX VX2USB MK2 Instruction Manual](#)

Comprehensive instruction manual for the VONYX VX2USB MK2 media player, covering setup, operation, safety precautions, and technical specifications. Learn how to use all features of your VONYX VX2USB MK2.

[VONYX VDJ250 DJ Rotary Mixer 2ch - Instruction Manual](#)

Comprehensive instruction manual for the VONYX VDJ250 2-channel DJ Rotary Mixer, detailing setup, operation, safety guidelines, and technical specifications for optimal performance.

[Vonyx VMM-K Series Music Mixer - Instruction Manual](#)

Comprehensive instruction manual for the Vonyx VMM-K Series Music Mixer, covering safety precautions, unpacking, power supply, detailed control element descriptions, technical specifications, and compliance information. Models include VMM-K402, VMM-K585, VMM-K587, and VMM-K590.

[Vonyx VMM301 3-Channel Mixer with EQ, Bluetooth, and USB - User Manual](#)

Comprehensive user manual for the Vonyx VMM301, a 3-channel mixer with EQ, Bluetooth, and USB audio interface. Learn about setup, operation, safety, and specifications.