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Behringer BCD3000

Behringer B-Control DeeJay BCD3000 Instruction Manual

Model: BCD3000

1. INTRODUCTION

The Behringer B-Control DeeJay BCD3000 is a comprehensive DJ controller and 4-channel USB audio interface designed for digital DJ performance. It allows users to mix, scratch, and manipulate audio files with a tactile, hardware-based control surface. This manual provides essential information for setting up, operating, and maintaining your BCD3000.

2. KEY FEATURES

- Integrated 4-channel USB audio interface with 24-bit converters for high-quality sound.
- Ultra-low latency operation compatible with Windows XP and Mac OS X.
- Dual player, mixer, and effects control in a single unit.
- Two versatile jog wheels for scratching, pitch bending, and cue searching.
- Includes Native Instruments Traktor 3 LE DJ software for immediate use.
- Supports playback of MP3, AAC, WMA, OGG, WAV, and AIFF files.
- Two phono preamps for connecting turntables.
- Full-fledged monitor section for professional DJ monitoring.

3. PACKAGE CONTENTS

Please check that your package contains the following items:

- Behringer B-Control DeeJay BCD3000 Controller
- USB Cable
- Power Adapter
- Native Instruments Traktor 3 LE DJ Software CD
- Driver CD (if applicable)
- Quick Start Guide
- Safety Instructions

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

4. CONTROLS AND CONNECTORS

The BCD3000 features a comprehensive layout of controls and connectors for intuitive DJ performance. Familiarize yourself with the various sections:



Figure 4.1: Front view of the Behringer BCD3000 DJ Controller. This image displays the dual jog wheels, mixer section with faders and EQ knobs, transport controls, and various buttons for effects and cue points.

4.1. Top Panel Controls

- **Jog Wheels:** Two large, touch-sensitive jog wheels for scratching, pitch bending, and track navigation.
- **Mixer Section:** Includes crossfader, channel faders, 3-band EQ per channel, gain controls, and cue buttons.
- **Transport Controls:** Play, Pause, Cue, and Sync buttons for each deck.
- **Effects Section:** Knobs and buttons for controlling software effects.
- **Loop Controls:** Buttons for setting and adjusting loops.

- **Browser Section:** Knob and buttons for navigating your music library.

4.2. Rear Panel Connectors

- **USB Port:** Connects the BCD3000 to your computer for data and audio transfer.
- **Power Input:** For connecting the included power adapter.
- **Audio Outputs:** Main stereo outputs (RCA) for connecting to a PA system or amplifier.
- **Phono/Line Inputs:** Two stereo inputs (RCA) with switchable phono/line level for connecting turntables or other audio sources.
- **Microphone Input:** For connecting a microphone.
- **Headphone Output:** For monitoring your mix.

5. SETUP GUIDE

5.1. Driver Installation

1. **Do not connect the BCD3000 to your computer yet.**
2. Insert the driver CD (if included) into your computer's CD/DVD drive, or download the latest drivers from the official Behringer website (www.behringer.com).
3. Follow the on-screen instructions to install the drivers. Ensure your operating system (Windows XP or Mac OS X) is supported.
4. Restart your computer if prompted.

5.2. Software Installation (Traktor 3 LE)

1. Insert the Native Instruments Traktor 3 LE software CD.
2. Follow the installation wizard to install the software.
3. Register your software as instructed to unlock full functionality.

5.3. Connecting the BCD3000

1. Connect the power adapter to the BCD3000 and plug it into a power outlet.
2. Connect the USB cable from the BCD3000 to an available USB port on your computer.
3. Connect your main audio outputs (RCA) from the BCD3000 to your amplifier, powered speakers, or PA system.
4. Connect headphones to the headphone output for monitoring.
5. Launch the Traktor 3 LE software. The software should automatically detect the BCD3000 as a MIDI controller and audio interface. If not, refer to the software's setup guide for MIDI and audio device configuration.

6. OPERATING INSTRUCTIONS

This section provides a basic overview of operating the BCD3000 with your DJ software. For detailed instructions on specific software features, refer to your software's user manual.

6.1. Loading Tracks

- Use the **Browser** section controls on the BCD3000 to navigate your music library within the software.
- Select a track and load it into Deck A or Deck B using the corresponding load buttons.

6.2. Basic Mixing

- Use the **Channel Faders** to adjust the volume of each deck.

- The **Crossfader** allows you to blend between Deck A and Deck B.
- Adjust the **3-band EQ** (High, Mid, Low) for each channel to shape the sound.
- Use the **Gain** knobs to match the input levels of your tracks.

6.3. Jog Wheel Functions

- **Scratching:** Place your hand on the top surface of the jog wheel and move it back and forth.
- **Pitch Bending:** Touch the side of the jog wheel to temporarily speed up or slow down the track.
- **Cue Searching:** When a track is paused, rotate the jog wheel to precisely locate a cue point.

6.4. Effects and Loops

- Utilize the dedicated **Effects** section to apply and control software effects.
- Use the **Loop** controls to set and adjust loops within your tracks for creative mixing.

7. MAINTENANCE

Proper care and maintenance will ensure the longevity of your BCD3000.

- **Cleaning:** Use a soft, dry cloth to clean the surface of the unit. Do not use abrasive cleaners or solvents.
- **Dust Protection:** Keep the unit covered when not in use to prevent dust accumulation.
- **Storage:** Store the BCD3000 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Liquid Avoidance:** Keep liquids away from the unit to prevent damage to electronic components.

8. TROUBLESHOOTING

If you encounter issues with your BCD3000, refer to the following common solutions:

8.1. No Sound Output

- Ensure the BCD3000 is powered on and connected via USB.
- Check all audio cable connections (main outputs, headphones).
- Verify that the BCD3000 is selected as the audio output device in your DJ software and operating system sound settings.
- Check volume levels on the BCD3000 (master, channel faders, headphone volume) and within your software.

8.2. Software Not Recognizing BCD3000

- Ensure drivers are correctly installed (refer to Section 5.1).
- Try connecting the USB cable to a different USB port on your computer.
- Restart your computer and the BCD3000.
- Check your DJ software's preferences or settings for MIDI controller setup and ensure the BCD3000 is enabled.
- Verify that the BCD3000 firmware is up to date (check Behringer's website).

8.3. Controls Not Responding

- Confirm the BCD3000 is properly connected and recognized by your software.
- Check MIDI mapping within your DJ software to ensure controls are assigned correctly.
- Some controls might be hardwired or have specific software dependencies; consult the Traktor 3 LE manual for details.

For further assistance, consult the comprehensive user manual for your DJ software or visit the Behringer support website for FAQs and driver updates: www.behringer.com/support.

9. TECHNICAL SPECIFICATIONS

Item Weight	5.51 pounds (2.5 kg)
Product Dimensions	11.81 x 3.94 x 12.99 inches (300 x 100 x 330 mm)
Model Number	BCD3000
Connector Type	USB
Hardware Interface	USB
Power Source	USB
Number of Channels	4
Connectivity Technology	USB
Audio Interface	24-bit, 4-channel
Supported OS	Windows XP, Mac OS X (as per included software)

10. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Behringer website. Behringer provides comprehensive support resources, including FAQs, driver downloads, and contact information for technical assistance.

Behringer Support Website: www.behringer.com/support