

Pioneer DJ DM40BT

Pioneer DJ DM-40BT Desktop Monitor System Instruction Manual

Model: DM-40BT (Pair, Black)

INTRODUCTION

Thank you for purchasing the Pioneer DJ DM-40BT Desktop Monitor System. This manual provides essential information for the safe and efficient use of your new 4-inch Bluetooth studio monitors. Designed for versatility, these compact speakers deliver rich, balanced sound for both music production and DJing, and effortlessly connect to all your Bluetooth wireless devices. Please read this manual thoroughly before operating the product and retain it for future reference.

WHAT'S IN THE BOX

Your Pioneer DJ DM-40BT Desktop Monitor System package includes the following items:

- DM-40BT Active Monitor Speakers (x2)
- Power Cord
- 2m Speaker Cable (for left/right channel connection)
- Audio Converter Cable (3.5 mm stereo mini plug to RCA)
- Bottom Cushion (x8)
- Operating Instructions

SETUP

Proper setup ensures optimal performance and sound quality from your DM-40BT monitors.

Speaker Placement

Place the speakers on a stable, flat surface. For best stereo imaging, position them equidistant from your listening position, forming an equilateral triangle. Use the included bottom cushions to minimize vibrations and improve acoustic isolation.

Power Connection

The DM-40BT speakers feature an internal power supply, eliminating the need for an external power brick. Connect the provided power cord to the active (left) speaker's AC IN port and then to a suitable wall outlet.

Inter-Speaker Connection

Connect the active (left) speaker to the passive (right) speaker using the provided 2m speaker cable. Ensure correct polarity by matching the red and black terminals on both speakers.

Audio Input Connections

The active speaker offers multiple input options:

- **RCA Inputs:** Use the provided 3.5 mm stereo mini plug to RCA audio converter cable to connect devices like computers, smartphones, or audio interfaces with RCA outputs.
- **Stereo Mini-Jack Input:** For direct connection of devices with a 3.5 mm stereo mini-jack output.
- **TRS Inputs:** For balanced audio connections from professional audio interfaces or mixers.



Figure 1: Rear panel of the Pioneer DJ DM-40BT active speaker, illustrating the power input, inter-speaker connection terminals, RCA, Stereo Mini, and TRS input options, along with the Sound Mode switch.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls for seamless operation.

Front Panel Controls



Figure 2: Front panel of the Pioneer DJ DM-40BT active speaker, highlighting the volume knob, Bluetooth pairing button, and headphone output.

- **Volume Knob:** Adjusts the overall output volume of the speakers.
- **Bluetooth Button:** Press and hold to enter Bluetooth pairing mode. The LED indicator will blink, and once paired, it will remain solid.
- **Headphone Output (3.5 mm mini-jack):** Connect headphones for private listening. Plugging in headphones will mute the speaker output.

Rear Panel Sound Mode Switch

On the rear panel of the active speaker, you will find a switch to select between two sound modes:

- **DJ Mode:** Optimizes the sound for DJ performances, providing a more impactful and energetic sound profile.
- **Production Mode:** Provides a flat, uncolored frequency response, ideal for accurate audio editing and music production. This mode ensures that you hear your audio as it truly is, without artificial enhancements.

FEATURES

The Pioneer DJ DM-40BT monitors incorporate advanced technology for superior sound reproduction:

- **2-Way Bass Reflex System:** Delivers a rich, balanced sound across the frequency spectrum.
- **High-Quality Drivers:** Features a ¾-inch soft dome tweeter and a 4-inch fiberglass woofer for clear highs and punchy bass.
- **Class A/B Amplifier:** Provides 2 x 21 W/4 Ω output, ensuring powerful and efficient audio delivery.
- **Bluetooth 4.2:** Seamless wireless connectivity with supported codecs including SBC, AAC, Qualcomm aptX, and Qualcomm aptX Low Latency.
- **DECO Technology:** Ensures a wide sweet spot for immersive listening, regardless of your position.
- **DSP Settings:** Automatically adjusts audio reproduction for optimal sound in either DJ or Production mode.

SPECIFICATIONS

Feature	Specification
Model Number	DM40BT
Speaker Type	2-Way Bass Reflex, Active Monitor Speakers
Tweeter Diameter	0.75 Inches (¾-inch soft dome)
Woofer Diameter	4 Inches (fiberglass)
Amplifier Output	Class A/B amp: 2 x 21 W/4 Ω
Frequency Range	70 - 30000 Hz
Impedance	10 kΩ
Inputs	1 Line (RCA), 1 Line (mini-jack), TRS
Outputs	1 Headphone Monitor (mini-jack)
Bluetooth Version	Bluetooth specifications ver. 4.2
Supported Codecs	SBC, AAC, Qualcomm aptX, Qualcomm aptX Low Latency
Dimensions (W x H x D)	Left Ch: 146 x 227 x 223 mm (5.7 x 8.9 x 8.7 in.) Right Ch: 146 x 227 x 210 mm (5.7 x 8.9 x 8.3 in.)
Weight	Left Ch: 2.7 kg (6 lbs.) Right Ch: 2.2 kg (4.8 lbs.)
Color	Black

MAINTENANCE

To ensure the longevity and optimal performance of your DM-40BT monitors, follow these maintenance guidelines:

- **Cleaning:** Wipe the speaker cabinets with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents as they may damage the finish.
- **Environment:** Keep the speakers away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation to prevent overheating.
- **Handling:** Avoid dropping or subjecting the speakers to strong impacts. Do not place heavy objects on top of them.
- **Storage:** If storing the speakers for an extended period, disconnect them from power and store them in a cool, dry place, preferably in their original packaging.

TROUBLESHOOTING

If you encounter any issues with your DM-40BT monitors, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the speaker and the wall outlet. Check if the power switch on the active speaker is in the 'ON' position. Verify the wall outlet is functioning.
- **No Sound:** Check all audio cable connections (RCA, mini-jack, TRS) to ensure they are secure and correctly inserted. Confirm the volume knob on the active speaker is turned up. If using headphones, ensure

they are unplugged from the headphone output. Verify the audio source (e.g., computer, smartphone) is playing and its volume is adequate.

- **Distorted Sound:** Reduce the volume on both the speakers and the audio source. Check for damaged audio cables. Ensure the sound mode (DJ/Production) is appropriate for your listening needs.
- **Bluetooth Pairing Issues:** Ensure the speakers are in pairing mode (Bluetooth LED blinking). Turn off and on the Bluetooth function on your device. Move your device closer to the speakers. Clear previous Bluetooth connections on your device and try pairing again.
- **Intermittent Sound:** Check all cable connections for looseness. Ensure the speaker cable connecting the active and passive speakers is securely attached with correct polarity.

If problems persist after trying these steps, please contact Pioneer DJ customer support.

WARRANTY AND SUPPORT

The Pioneer DJ DM-40BT Desktop Monitor System comes with a Limited Warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the warranty card included in your product packaging or visit the official Pioneer DJ website. For technical support, service, or inquiries, please contact Pioneer DJ customer service through their official channels.