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› Pioneer DJ DM-40 Active Monitor Speakers User Manual

Pioneer DJ DM40

Pioneer DJ DM-40 Active Monitor Speakers User Manual

Model: DM40 | Brand: Pioneer DJ

INTRODUCTION

The Pioneer DJ DM-40 desktop monitors are designed to bring excellent audio quality to your home setup. These compact 4-inch active monitor speakers incorporate advanced technology from Pioneer DJ's professional S-DJX series and Pro Audio speakers, ensuring a rich, tight bass response and a wide sweet spot. They are ideal for DJing, music production, and general music enjoyment, offering a balanced sound experience across all frequencies.

WHAT'S IN THE BOX

- DM-40 Active Monitor Speakers (Pair)
- Power Cord
- 2 m Speaker Cable (for left/right channel connection)
- Audio Converter Cable (3.5 mm stereo mini plug to RCA)
- Bottom Cushion x 8
- Operating Instructions

KEY FEATURES

High-Quality Audio Components

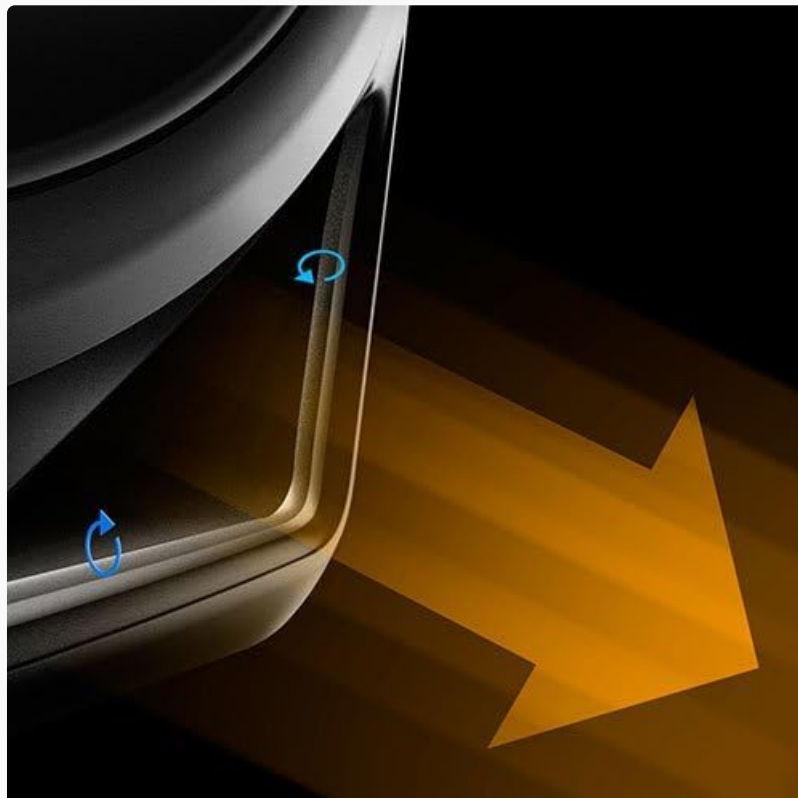
The DM-40 speakers inherit audio components from Pioneer DJ's professional S-DJX series, ensuring superior sound reproduction. This includes 4-inch fiberglass woofers for tight, punchy bass and ¾-inch soft dome tweeters.



Front view of the Pioneer DJ DM-40 active monitor speakers, showcasing their compact design.

Front-Loaded Bass Reflex System

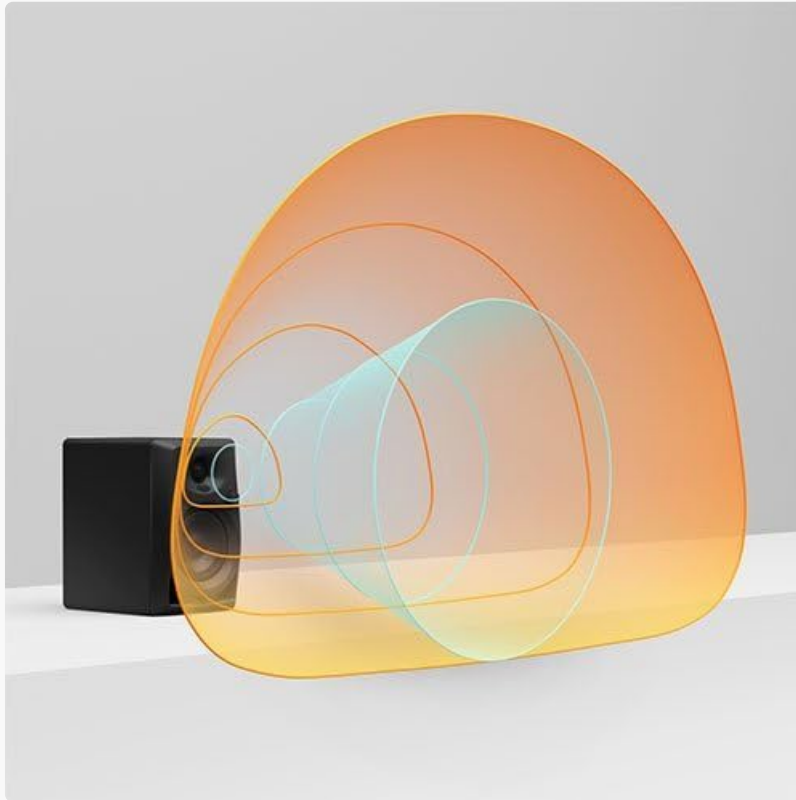
A front-loaded bass reflex system with grooved ducts reduces air friction, delivering clear and powerful bass even when the speakers are placed close to a wall. This design ensures a robust low-end response without unwanted resonance.



Detailed view of the grooved bass reflex port, designed to optimize bass response.

DECO Convex Diffusers for Wide Sweet Spot

Pioneer DJ's DECO (Diffusion Effectual Convexity by Olson) technology is integrated into the tweeters. These convex diffusers channel high frequencies left, right, and up, creating a wider sweet spot and a 3D stereo sound experience, ensuring optimal sound quality regardless of your listening position.



Visual representation of sound dispersion created by DECO convex diffusers.

Balanced Sound and Reduced Resonance

The tweeter and woofer positions are carefully aligned to eliminate crossover and ensure a balanced sound across all frequencies. Curved front edges of the cabinet further reduce resonance, contributing to a clean and clear audio output.



Angled view highlighting the speaker design and curved edges.

Official Product Overview

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This video provides an official overview of the Pioneer DJ DM-40 Active Monitor Speakers, detailing their features and benefits for DJing and music production.

SETUP GUIDE

Follow these steps to set up your Pioneer DJ DM-40 active monitor speakers:

1. **Placement:** Place the speakers on a stable, flat surface. For optimal sound, position them at ear level and equidistant from your listening position. Use the included bottom cushions to minimize vibrations.
2. **Connect Speakers:** The DM-40 comes as a pair, with one active (left) speaker and one passive (right) speaker. Use the provided 2m speaker cable to connect the 'OUTPUT TO RIGHT SPEAKER' terminals on the active (LEFT) speaker to the input terminals on the passive (RIGHT) speaker. Ensure correct polarity (red to red, black to black).
3. **Connect Audio Source:** Connect your audio source (e.g., DJ controller, computer, smartphone) to the active (LEFT) speaker using either the RCA inputs or the 3.5mm stereo mini-jack input. An audio converter cable (3.5mm stereo mini plug to RCA) is included for convenience.

- Power Connection:** Connect the power cord to the active (LEFT) speaker's 'AC IN' port, then plug it into a suitable power outlet.
- Power On:** Locate the 'POWER' switch on the rear of the active (LEFT) speaker and switch it to the 'ON' position. The power indicator LED on the front of the active speaker will illuminate.



Rear panel of the DM-40 speakers, illustrating the various input and output connections.

OPERATING INSTRUCTIONS

- Volume Control:** Adjust the overall volume using the volume control dial located on the front of the active (LEFT) speaker. Turn clockwise to increase volume and counter-clockwise to decrease.
- Headphone Output:** For private listening, plug your headphones into the 3.5mm HEADPHONE MONITOR output jack located on the front of the active (LEFT) speaker. Plugging in headphones will mute the speaker output.
- Auto Standby:** The DM-40 speakers feature an auto-standby function. If no audio signal is detected for a certain period, the speakers will automatically enter standby mode to conserve power. They will automatically resume operation when an audio signal is detected again.

MAINTENANCE

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

- Cleaning:** Regularly wipe the speaker cabinets with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents as they may damage the finish.
- Ventilation:** Ensure that the speakers have adequate ventilation. Do not block any ventilation openings.
- Environment:** Avoid exposing the speakers to extreme temperatures, humidity, direct sunlight, or excessive dust.
- Handling:** Handle the speakers with care. Avoid dropping them or subjecting them to strong impacts.

TROUBLESHOOTING

If you encounter issues with your DM-40 speakers, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none">• Power not connected or switched on• Volume too low• Audio cables incorrectly connected• Audio source not playing or muted• Speakers in standby mode	<ul style="list-style-type: none">• Check power connection and 'ON' switch• Increase volume on speakers and audio source• Verify all audio cable connections (RCA, mini-jack, speaker cable)• Ensure audio source is playing and not muted• Play audio to wake speakers from standby
Distorted or unclear sound	<ul style="list-style-type: none">• Volume too high (clipping)• Poor quality audio source or cables• Speaker placement issues	<ul style="list-style-type: none">• Reduce volume on speakers and audio source• Try different audio cables or source• Adjust speaker placement to avoid wall proximity or obstructions
Only one speaker producing sound	<ul style="list-style-type: none">• Speaker cable connection issue• Audio source output issue	<ul style="list-style-type: none">• Check the speaker cable connecting the active and passive speakers• Ensure your audio source is outputting a stereo signal

SPECIFICATIONS

Feature	Detail
Model Name	DM-40 Desktop Monitor Speakers
Speaker Type	2-way bass reflex, active monitor speakers
Woofers	4-inch Fiberglass
Tweeter	¾-inch Soft Dome
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)

Feature	Detail
Outputs	1 HEADPHONE MONITOR (Mini-jack)
Dimensions (Left Ch)	146 x 227 x 223 mm (5.7 x 8.9 x 8.7 in.)
Dimensions (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.)
Weight (Right Ch)	2.2 kg (4.8 lbs.)
Color	Black

WARRANTY AND SUPPORT

The Pioneer DJ DM-40 Active Monitor Speakers come with a Limited Warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official User Guide PDF provided with your product or visit the Pioneer DJ official website.

For further assistance, technical support, or service inquiries, please contact Pioneer DJ customer support or visit their official support channels.

You can access the official User Guide PDF [here](#).