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› Pioneer DJ DM-50D 5-inch Active Monitor Speaker - Black User Manual

Pioneer DJ DM-50D

Pioneer DJ DM-50D Active Monitor Speaker User Manual

Model: DM-50D

1. INTRODUCTION

Thank you for purchasing the Pioneer DJ DM-50D Active Monitor Speakers. These speakers are designed to deliver high-quality, powerful sound for both DJing and music production environments. This manual provides essential information on setting up, operating, and maintaining your DM-50D speakers to ensure optimal performance and longevity.



Image: A pair of Pioneer DJ DM-50D active monitor speakers, showcasing their compact and sleek design.

2. FEATURES

The DM-50D speakers incorporate advanced technology to provide a superior audio experience:

- **High-Quality Sound:** Equipped with a 5-inch cone woofer and a 3/4-inch dome tweeter, delivering clear and powerful audio.
- **Class D Amplifier:** Provides efficient power delivery for robust sound performance.
- **DECO Convex Diffusers:** Designed to optimize high-frequency dispersion for a wide sweet spot.
- **Time Alignment:** Ensures that the sound from the woofer and tweeter reaches your ears at the same time, resulting in a natural sound.
- **Groove Ducts:** Enhance bass response and airflow for a smooth, deep low-end.
- **Dual Sound Modes:** Easily switch between Production mode (flat frequency response for accurate mixing) and DJ mode (enhanced bass and treble for a more exciting sound).
- **Versatile Connectivity:** Features RCA, Stereo Mini, and TRS input terminals to connect to various audio devices.
- **Front Panel Controls:** Conveniently located volume knob and headphones output for easy access.



Image: An illustration highlighting the key acoustic design elements of the DM-50D speakers.

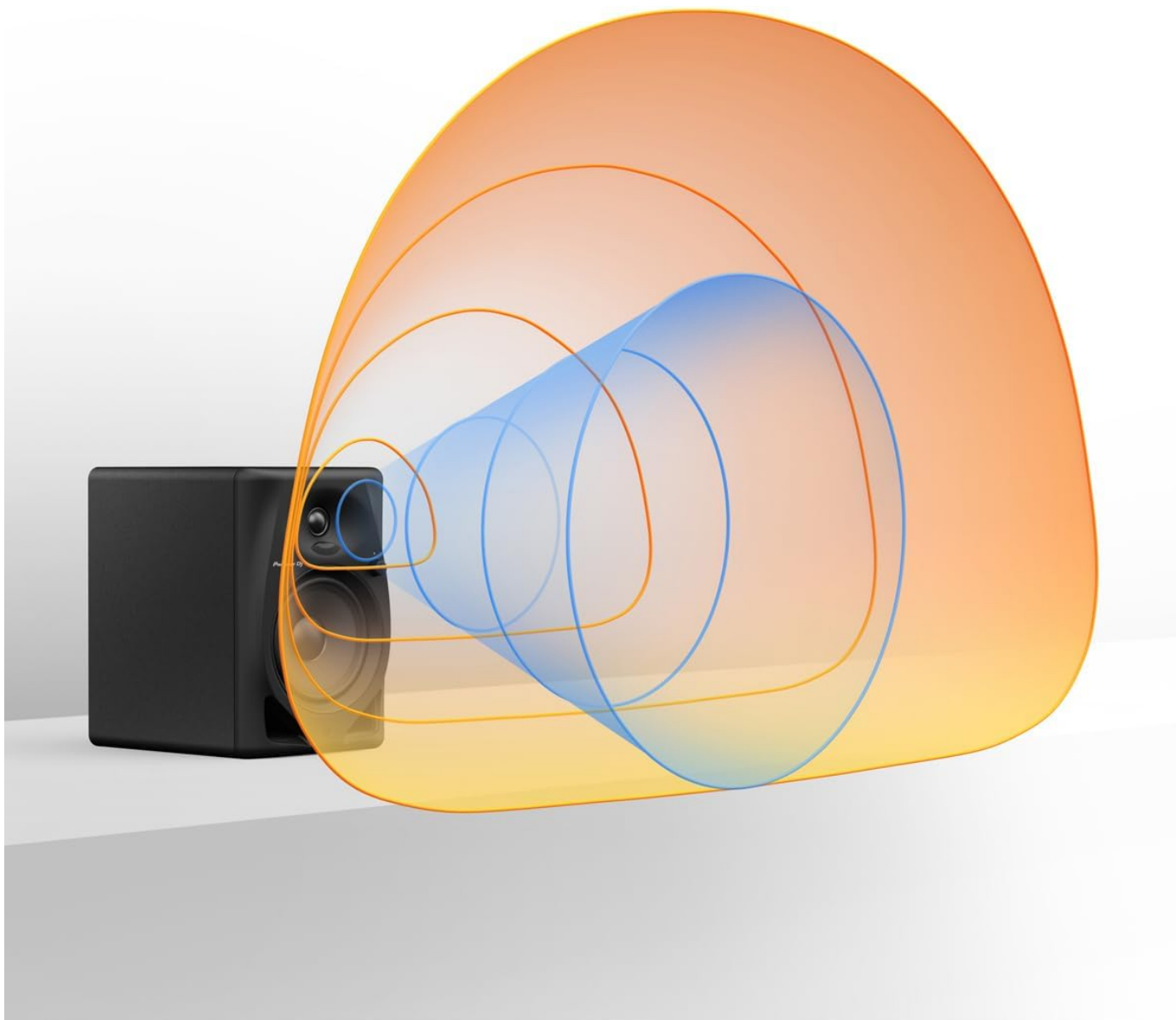


Image: Visual representation of the wide sound dispersion achieved by the DECO convex diffusers.

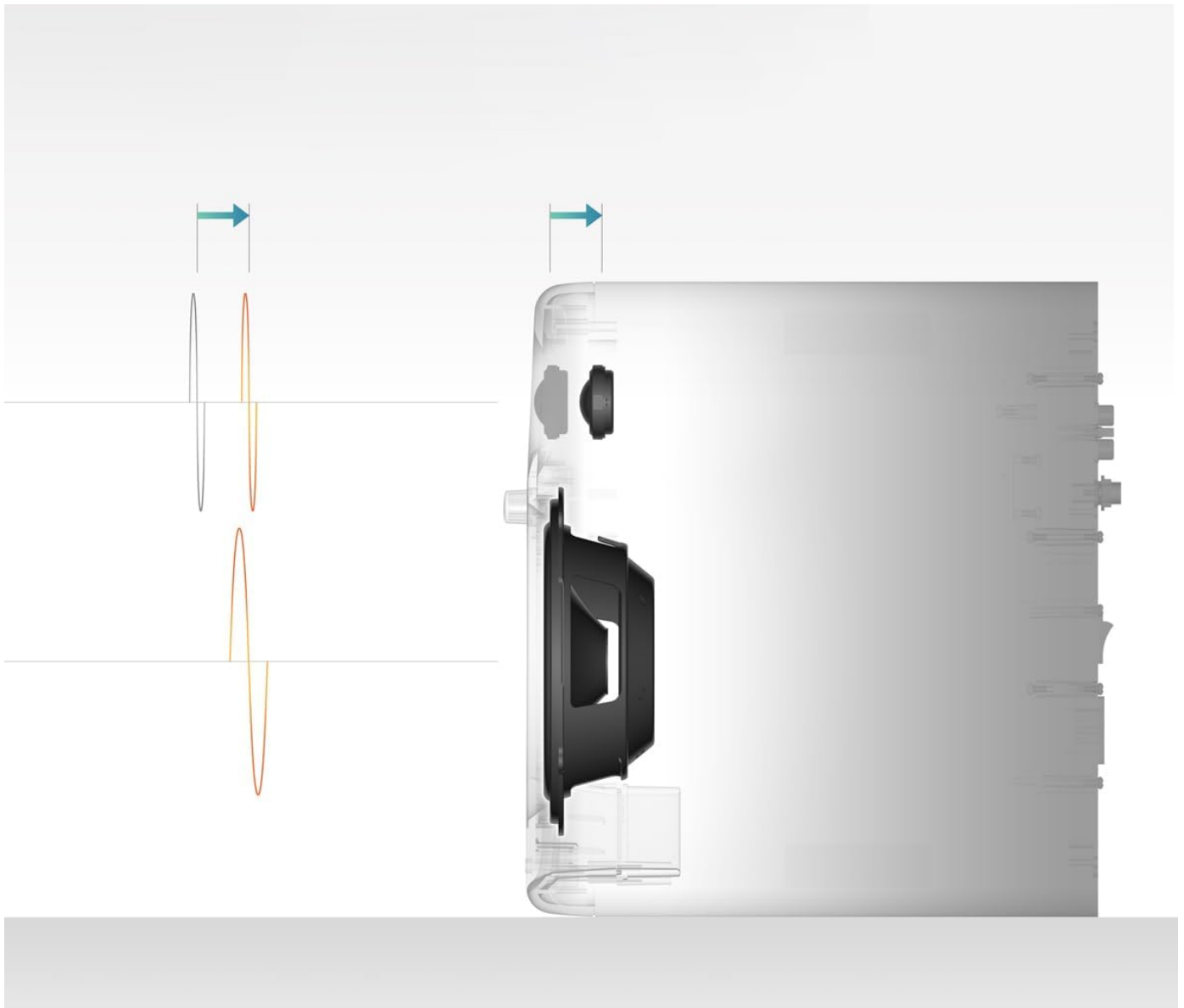


Image: A cross-section diagram demonstrating the time alignment technology for clear audio.



Image: An illustration detailing the groove duct design for improved bass response.

3. WHAT'S IN THE BOX

Upon opening your DM-50D package, you should find the following items:

- 2 x DM-50D Active Monitor Speakers
- Power Cord
- Speaker Cable (for connecting the active speaker to the passive speaker)
- Audio Cables (RCA to Stereo Mini, RCA to RCA)
- User Manual (this document)

4. SETUP

4.1 Placement

Place the speakers on a stable, flat surface such as a desktop or speaker stands. For optimal stereo imaging, position the speakers equidistant from your listening position, forming an equilateral triangle. Ensure there is adequate space behind the speakers for ventilation and cable connections.

4.2 Connections

The DM-50D system consists of one active speaker (with controls and inputs) and one passive speaker. Follow these steps to connect your speakers:

1. **Connect Speakers:** Use the included speaker cable to connect the active (left) speaker to the passive (right) speaker. Connect the red (+) terminal on one speaker to the red (+) terminal on the other, and the black (-) terminal to the black (-) terminal.
2. **Audio Input:** Connect your audio source (e.g., MP3 player, laptop, DJ controller, smartphone) to the active speaker using the appropriate input terminals:
 - **RCA Input:** For standard audio devices.
 - **Stereo Mini Input:** For devices with a 3.5mm headphone jack.
 - **TRS Input:** For balanced audio connections from professional audio equipment.
3. **Power Connection:** Connect the power cord to the AC IN terminal on the active speaker, then plug it into a wall outlet.



Image: The rear panel of the DM-50D speakers, detailing all available input and output connections.

5. OPERATING

5.1 Power On/Off

Locate the POWER switch on the rear panel of the active speaker. Flip the switch to the 'ON' position to power on the speakers. The power indicator LED on the front panel will illuminate. To power off, flip the switch to the 'OFF' position.

5.2 Volume Control

Adjust the overall output volume using the large rotary knob located on the front panel of the active speaker. Turn clockwise to increase volume and counter-clockwise to decrease it.

5.3 Sound Mode Selection

The DM-50D speakers offer two distinct sound modes, optimized for different applications. Use the 'SOUND MODE' switch on the rear panel of the active speaker to select your desired mode:

- **Production Mode:** Provides a flat and neutral frequency response, ideal for accurate music production, mixing, and mastering.
- **DJ Mode:** Enhances the bass and treble frequencies, delivering a more impactful and exciting sound, perfect for DJ performances and casual listening.

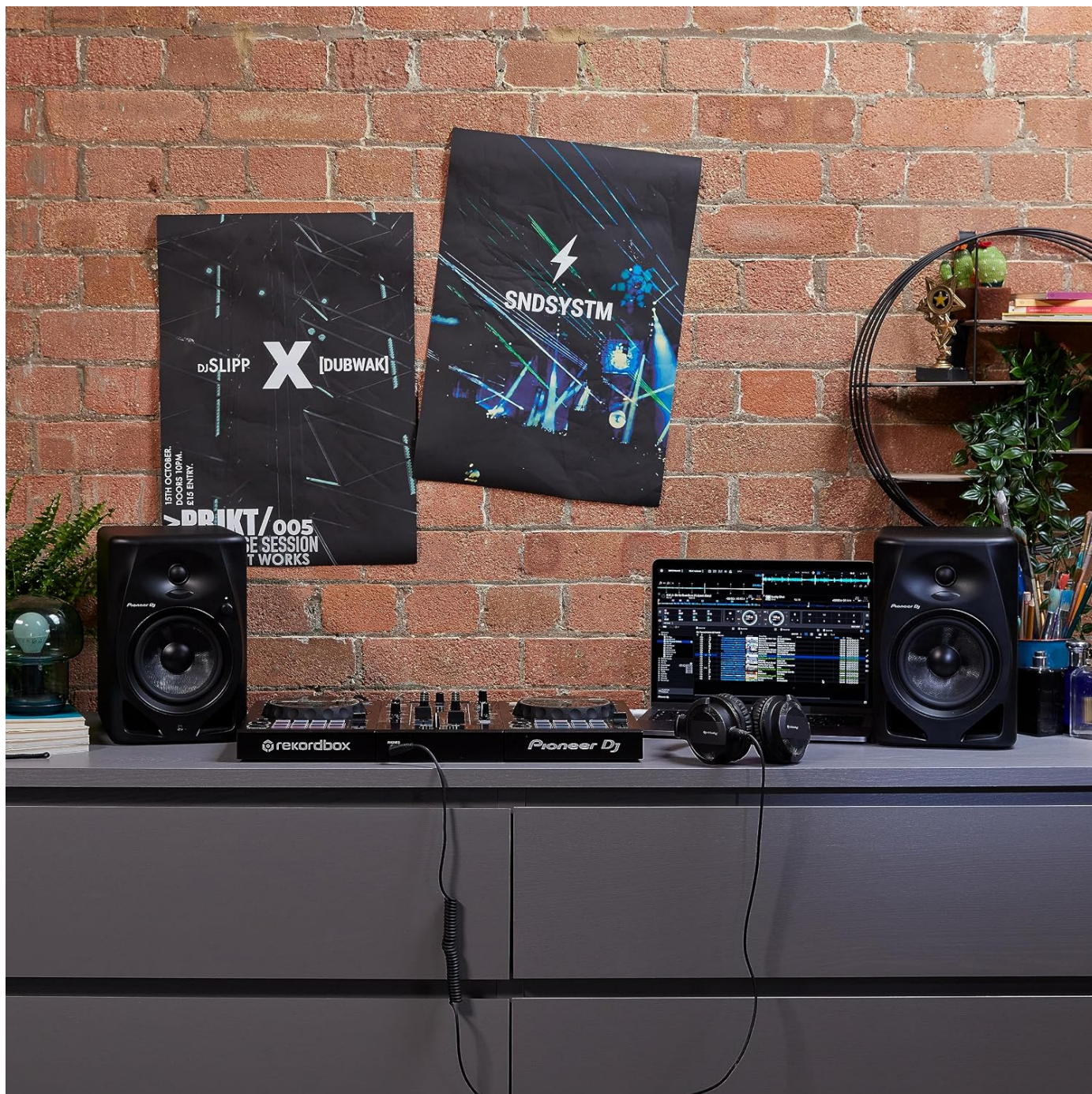


Image: Visual comparison of Production mode (flat response) and DJ mode (enhanced bass/treble).

5.4 Headphones Output

A 3.5mm stereo mini-jack headphones output is located on the front panel of the active speaker. Plugging in headphones will mute the main speaker output, allowing for private monitoring.

5.5 Auto Standby

The DM-50D speakers feature an auto-standby function to conserve energy. If no audio signal is detected for a certain period, the speakers will automatically enter a low-power standby mode. They will automatically resume normal operation when an audio signal is detected again.

6. MAINTENANCE

To ensure the longevity and optimal performance of your DM-50D speakers, follow these maintenance guidelines:

- **Cleaning:** Wipe the speaker cabinets with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- **Dust:** Regularly dust the speaker grilles and surfaces to prevent dust buildup, which can affect sound quality and internal components.
- **Ventilation:** Ensure that the rear panel and any ventilation ports are not obstructed to prevent overheating.
- **Storage:** If storing the speakers for an extended period, disconnect them from power and store them in a cool, dry place, ideally in their original packaging.

7. TROUBLESHOOTING

If you encounter issues with your DM-50D speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Power off; incorrect input connection; volume too low; headphones plugged in.	Ensure power is ON; check all audio cable connections; increase volume; unplug headphones.
Distorted sound	Input signal too high; damaged cable; speaker placed too close to a wall.	Reduce input volume from source; try a different audio cable; reposition speakers.
Only one speaker producing sound	Speaker cable loose or damaged; mono audio source; balance setting on audio device.	Check the speaker cable connection between active and passive speakers; ensure audio source is stereo; check balance settings on your audio device.
Speakers not turning on	Power cord not connected; power outlet not working.	Verify power cord is securely plugged into speaker and outlet; test outlet with another device.

If the problem persists after trying these solutions, please contact Pioneer DJ customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Pioneer DJ DM-50D Active Monitor Speakers:

Feature	Detail
Model Name	DM-50D
Speaker Type	Woofer

Feature	Detail
Speaker Maximum Output Power	25 Watts (per speaker)
Woofer Diameter	5 Inches
Tweeter Diameter	3/4 Inches
Connectivity Technology	Auxiliary, Wired (for passive speaker)
Compatible Devices	MP3 Player, Laptop, Television, Desktop, Tablet, Smartphone
Product Dimensions (each)	7"D x 11"W x 10"H (approx.)
Item Weight (pair)	20.92 Pounds
Color	Black
Power Source	Corded Electric
Mounting Type	Tabletop Mount

9. WARRANTY AND SUPPORT

The Pioneer DJ DM-50D Active Monitor Speakers come with a Limited Warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. For technical support, service, or warranty claims, please contact Pioneer DJ customer support. You can find contact information on the official Pioneer DJ website or through the documentation provided with your product.

Manufacturer: Pioneer DJ

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question