

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [PIONEER](#) /

› [Pioneer DMH-W3000NEX 6.8" Double Din Multimedia Digital Media Receiver User Manual](#)

PIONEER DMH-W3000NEX

Pioneer DMH-W3000NEX Digital Media Receiver User Manual

Model: DMH-W3000NEX

1. INTRODUCTION

The Pioneer DMH-W3000NEX is a 6.8-inch double DIN multimedia digital media receiver designed to enhance your in-car entertainment experience. This unit features a responsive touchscreen, wireless Apple CarPlay and Android Auto compatibility, Bluetooth connectivity, and is ready for a backup camera. It offers advanced sound tuning capabilities and a user-friendly interface for seamless operation.

2. SAFETY INFORMATION

- Always ensure the vehicle is parked and the parking brake is engaged before operating the touchscreen or making significant adjustments.
- Avoid prolonged viewing of the display while driving, as this can lead to accidents.
- Professional installation is highly recommended to ensure proper wiring and functionality, minimizing risks of electrical issues or damage.
- Do not attempt to disassemble or modify the unit. This may cause damage, electric shock, or fire.
- Keep the volume at a level that allows you to hear outside traffic and emergency vehicles.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Digital media receiver with fixed 6.8" touchscreen monitor (includes 10A fuse)
- Wiring harness
- Audio/Video output wire harness
- Camera and wired remote input wire harness
- Auxiliary input wire harness
- SiriusXM wire harness
- (12) Installation screws
- 1.5m USB extension cable (Type A male to Type A female)
- GPS antenna
- Microphone with bracket (attached 10' cable terminated by a right-angle 2.5mm connector)

- 1 Year Warranty Sheet

4. SETUP AND INSTALLATION

Installation of the DMH-W3000NEX requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can lead to vehicle damage or unit malfunction.

4.1. General Installation Steps

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts.
2. **Mounting:** Securely mount the double DIN unit into the vehicle's dashboard opening.
3. **Wiring:** Connect the wiring harness, audio/video output, camera input, auxiliary input, and SiriusXM harnesses as per your vehicle's specific wiring diagram and the unit's manual.
4. **USB and GPS:** Connect the provided USB extension cable and GPS antenna. Position the GPS antenna in a location with a clear view of the sky.
5. **Microphone:** Install the microphone in a suitable location for clear voice pickup during calls and voice commands.
6. **Power On:** Reconnect the vehicle's battery and power on the unit for initial setup and testing.



Figure 4.1: The Pioneer DMH-W3000NEX Digital Media Receiver. This image shows the front view of the unit, highlighting its 6.8-inch touchscreen display and sleek design, ready for installation in a vehicle's dashboard.

5. KEY FEATURES

The DMH-W3000NEX offers a range of features designed for a connected and enjoyable driving experience:

- **Smartphone Integration:** Supports both wired and wireless Apple CarPlay and Android Auto for seamless access to phone apps, navigation, music, messages, and voice commands.
- **Bluetooth Functionality:** Enables hands-free calling and wireless audio streaming from your mobile device.

- **Amazon Alexa Integration:** Utilize Amazon Alexa capabilities in your car by pairing with the Pioneer Voysis app on your smartphone.
- **One Touch Navigation:** Features a 6.8" capacitive touchscreen with a quick slider navigation bar for easy switching between CarPlay/Android Auto and settings.
- **Rear View Camera Compatibility:** Allows for the installation of a backup camera to assist with parking and reversing.
- **Advanced Audio Tuning:** Includes high-quality audio components and various equalizer settings for a customized sound experience.



Figure 5.1: Smartphone Integration. The display shows a grid of common smartphone applications, including Phone, Music, Maps, and Messages, accessible through Apple CarPlay or Android Auto.

Smartphone Integration with Quick Swipe

Just a **quick swipe** to access Apple CarPlay and Android Auto apps, navigation, voice controls & more.



Figure 5.2: Quick Swipe Functionality. This image illustrates the ease of switching between Apple CarPlay and Android Auto applications with a simple swipe gesture on the touchscreen.

Stream Audiobooks
Listen to Podcasts
Play Music
Review Texts
Check Weather
Get Directions
Make Calls
View your Calendar
Control Smart Devices
+ more

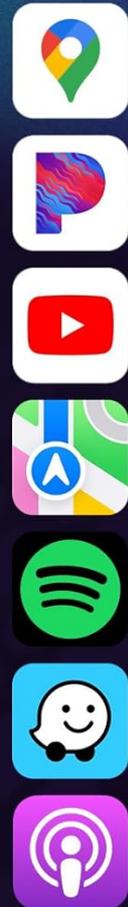


Figure 5.3: App Streaming and Control. A visual representation of the various functions available, such as streaming audiobooks, listening to podcasts, playing music, and managing calls and messages directly from the unit.

Pioneer

DMH-W3000NEX

Wireless Audio & Voice Control



Bluetooth®

+



+



AMAZON ALEXA BUILT-IN WHEN PAIRED WITH PIONEER VOZSIS APP

Figure 5.4: Wireless Audio and Voice Control. This graphic emphasizes the unit's wireless capabilities, including Bluetooth for audio streaming and hands-free calls, and built-in Amazon Alexa for voice commands.

Rear-View Camera-Ready

Backup camera input with **Automatic Switching***



*CAMERA NOT INCLUDED

Figure 5.5: Rear-View Camera Display. The screen displays a simulated view from a backup camera, complete with parking guidelines, demonstrating the unit's compatibility and utility for safer reversing.

Audio adjustments at your fingertips

All-new **control drawer** design for immediate access to shortcuts for music control, volume, settings, and presets right from the home screen.



Figure 5.6: Audio Adjustments Interface. This image shows the unit's audio control drawer, providing immediate access to music controls, volume, and equalizer settings directly from the home screen.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

To power on the unit, ensure your vehicle's ignition is on. The unit should power on automatically. To power off, turn off your vehicle's ignition.

6.2. Touchscreen Interface

The 6.8-inch capacitive touchscreen allows for intuitive control. Swipe left or right to navigate between screens, tap icons to open applications or menus, and use the quick slider navigation bar for fast access to common functions.

6.3. Smartphone Integration (Apple CarPlay & Android Auto)

The DMH-W3000NEX supports both wireless and wired connections for Apple CarPlay and Android Auto.

1. **Wireless Connection:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. On the receiver, select the

Apple CarPlay or Android Auto icon. Follow the on-screen prompts to pair your device.

2. **Wired Connection:** Connect your smartphone to the unit's USB port using a high-quality USB cable specifically designed for data transfer. The system should automatically detect and launch CarPlay or Android Auto.
3. **Accessing Apps:** Once connected, your phone's compatible apps (e.g., Maps, Music, Messages, Phone) will appear on the receiver's screen. Tap to open and interact.

Your browser does not support the video tag.

Video 6.1: Apple CarPlay Demonstration. This video provides a practical demonstration of the Apple CarPlay interface on the Pioneer DMH-W3000NEX, showcasing navigation, music playback, and phone call functionality within a vehicle.

6.4. Bluetooth Connectivity

To pair a new Bluetooth device:

1. Go to the unit's **Settings** menu and select **Bluetooth**.
2. Enable Bluetooth on your smartphone and make it discoverable.
3. On the receiver, search for available devices and select your smartphone from the list.
4. Confirm the pairing code on both devices.

Once paired, you can make hands-free calls and stream audio wirelessly.

6.5. Amazon Alexa (via Vozsis App)

To use Amazon Alexa with your DMH-W3000NEX:

1. Download and install both the **Vozsis** and **WebLink Host** apps on your iOS or Android smartphone.
2. Connect your smartphone to the receiver (wired or wireless).
3. Launch the Vozsis app on your phone and follow the setup instructions to link your Amazon account.
4. You can then activate Alexa through the receiver's interface or by using voice commands.

6.6. Audio Settings

Access audio adjustments by swiping from the home screen or navigating to the **Settings** menu. Here you can adjust the equalizer (EQ) settings, balance, fader, and subwoofer levels to optimize your sound experience. Pre-set EQ options like Powerful, Natural, Vocal, and Super Bass are available, along with custom settings.

7. MAINTENANCE

7.1. Cleaning the Screen

Use a soft, dry cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.

7.2. Firmware Updates

Pioneer periodically releases firmware updates to improve performance and add features. To update the firmware:

1. Connect the receiver to your smartphone via Wi-Fi hotspot.
2. Use the **CarAVAssist** app on your smartphone to download the latest firmware.
3. Follow the on-screen instructions on the receiver to install the update. Ensure a stable connection and do not interrupt the update process.

8. TROUBLESHOOTING

If you encounter issues with your DMH-W3000NEX, refer to the following common solutions:

- **Apple CarPlay/Android Auto Not Connecting:**

- For wired connections, ensure you are using a USB cable specifically rated for data transfer, not just charging.
- Verify that Wi-Fi and Bluetooth are enabled on your phone for wireless connections.
- Restart your smartphone and the receiver.

- **Firmware Update Problems:**

- Ensure a strong and stable Wi-Fi connection during the download.
- If the CarAVAssist app crashes, try restarting your phone or reinstalling the app.
- Temporarily disable Android Auto or CarPlay on your phone if it interferes with the app connection.

- **Steering Wheel Controls Not Working:**

- This unit may require an additional interface module (e.g., iDatalink Maestro RR) and specific wiring harness for steering wheel control compatibility. Consult a professional installer or Pioneer's support resources for compatible accessories and installation instructions.

- **No Sound:**

- Check volume levels on both the receiver and your connected device.
- Ensure all speaker wires are correctly connected.

- **Screen Unresponsive:**

- Perform a soft reset by pressing the reset button (if available, refer to the main manual) or by disconnecting the vehicle's battery for a few minutes.

9. SPECIFICATIONS

| Feature | Detail |
|--------------------------------------|--|
| Product Dimensions | 4.92"D x 7"W x 3.88"H |
| Item Weight | 2 pounds |
| Item Model Number | DMH-W3000NEX |
| Brand | PIONEER |
| Connectivity Technology | Bluetooth, USB, Wi-Fi |
| Controller Type | Amazon Alexa, Android, iOS |
| Special Features | Android Auto, Apple CarPlay, Built-In Bluetooth, Rear View Camera Input, Touchscreen |
| Compatible Devices | Smartphone |
| Connector Type | RCA |
| Audio Output Mode | Stereo |
| Surround Sound Channel Configuration | 5.1 |

| Feature | Detail |
|----------------|---------------------------|
| Video Encoding | H.264, H.265/HEVC, MPEG-4 |

10. WARRANTY AND SUPPORT

The Pioneer DMH-W3000NEX typically comes with a 1-year manufacturer's warranty. For specific warranty terms, conditions, and registration, please refer to the '1 Year Warranty Sheet' included in your product packaging. For technical support, additional documentation, or service inquiries, please visit the official Pioneer website or contact their customer service department. Keep your proof of purchase and model number readily available when seeking support.