

PIONEER AVH-1300NEX

Pioneer AVH-1300NEX Multimedia DVD Receiver Instruction Manual

MODEL: AVH-1300NEX

Introduction

The Pioneer AVH-1300NEX is a Double DIN Multimedia DVD Receiver designed to enhance your in-car entertainment and connectivity. Featuring a 6.2-inch WVGA touchscreen display, this unit integrates seamlessly with your smartphone through Apple CarPlay and AppRadio Mode. Enjoy hands-free communication with built-in Bluetooth, access a wide range of media options, and customize your audio experience.

Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- Pioneer AVH-1300NEX Receiver Unit
- Mounting Hardware
- Wiring Harness
- Instruction Manual (this document)



Image: All components of the Pioneer AVH-1300NEX package, including the receiver, wiring, and documentation.

Product Overview

Front Panel

The front panel features a 6.2-inch WVGA touchscreen display for intuitive control and media viewing. Essential physical buttons are located on the left side for quick access to common functions.



Image: Front view of the Pioneer AVH-1300NEX receiver, highlighting the 6.2-inch touchscreen and side controls.

Rear Panel Connections

The rear panel provides various input and output connections for integrating the receiver into your vehicle's audio system and connecting external devices.

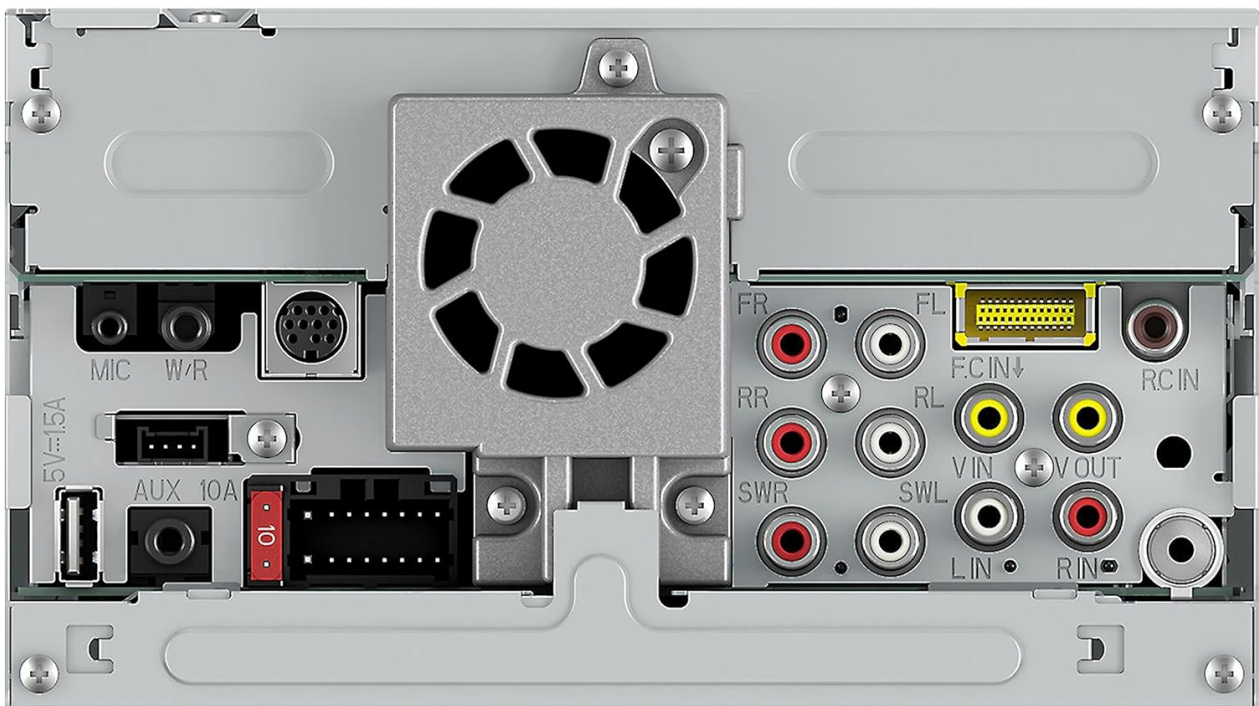
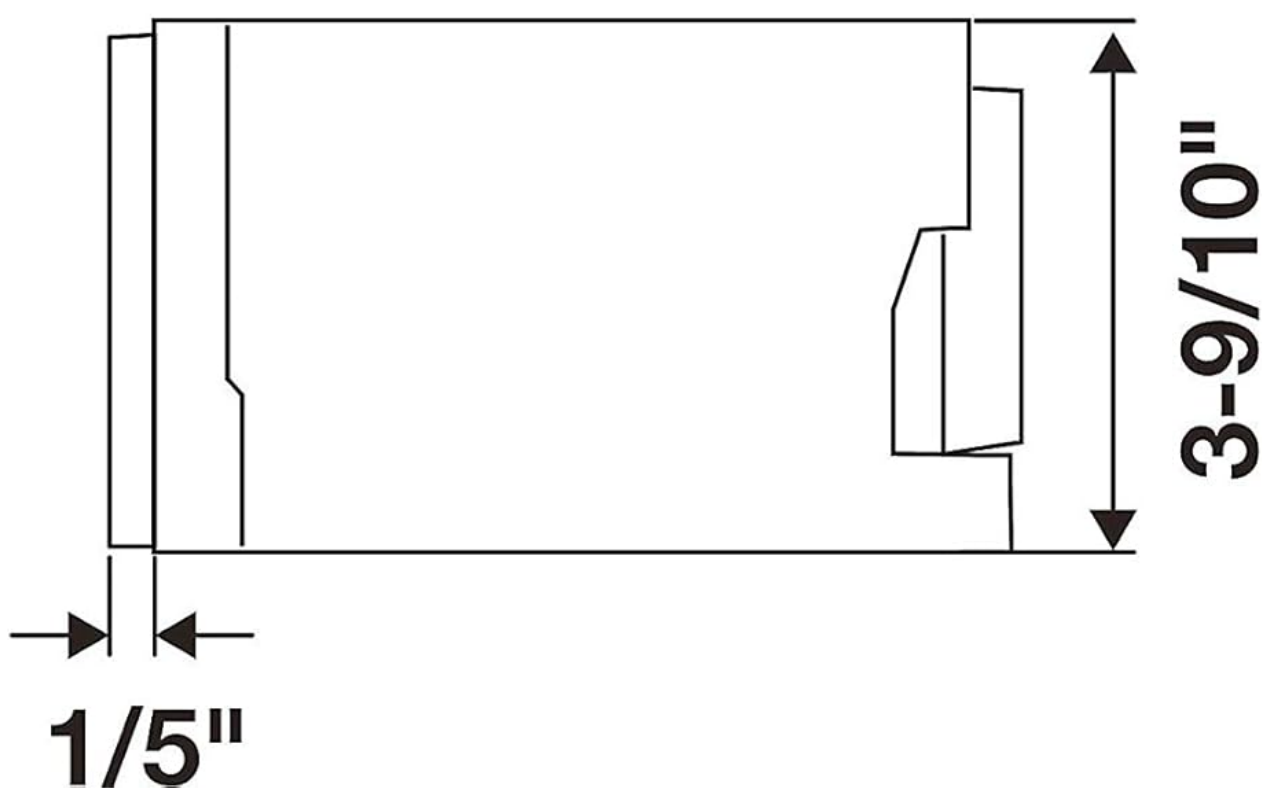
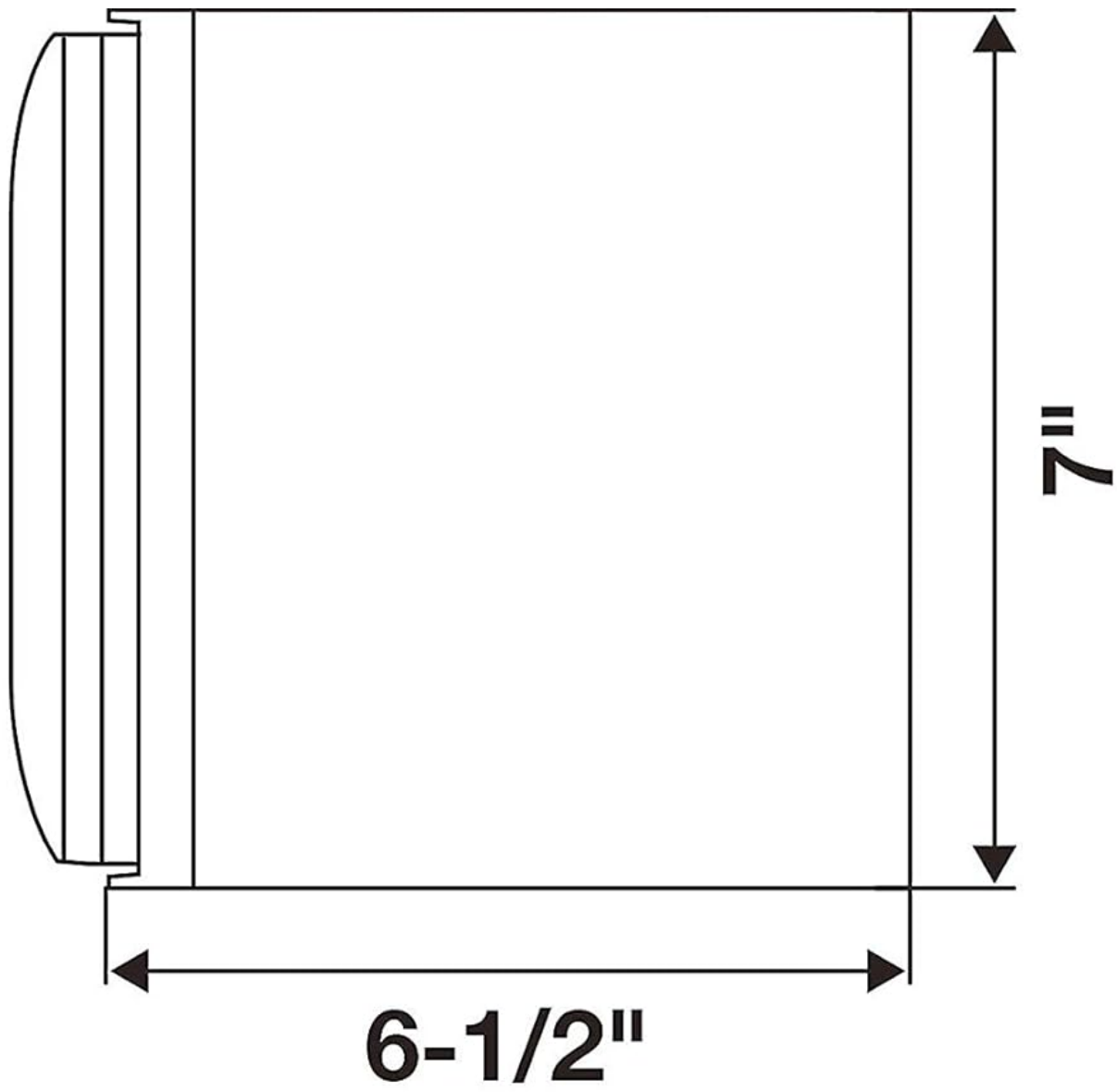


Image: Rear view of the Pioneer AVH-1300NEX, displaying the various wiring harnesses, RCA outputs, and antenna input.

Dimensions

The unit has a double-DIN chassis size. Refer to the diagram for detailed measurements to ensure proper fitment in your vehicle's dashboard.

- Product Dimensions: 11 x 9.5 x 6 inches
- Item Weight: 4 pounds



Setup and Installation

Professional installation is recommended for optimal performance and safety. Always disconnect the vehicle's battery before beginning installation.

1. **Mounting:** Secure the receiver into the vehicle's double-DIN opening using the provided mounting hardware.
2. **Wiring:** Connect the included wiring harness to your vehicle's electrical system. Ensure all connections are secure and correctly matched according to the wiring diagram in the detailed installation manual.
3. **Antenna:** Connect your vehicle's antenna to the designated input on the rear of the receiver.
4. **External Devices:** Connect any external amplifiers, cameras, or other accessories to the appropriate RCA or other input/output jacks.
5. **Power On:** Reconnect the vehicle's battery and power on the unit to test functionality.

For detailed wiring diagrams and specific vehicle integration instructions, please refer to the comprehensive installation manual included in your package.

Operating Instructions

Basic Controls

- **Power/Volume Knob:** Press to turn the unit on/off. Rotate to adjust volume.
- **Home Button:** Returns to the main menu.
- **Source Button:** Cycles through available audio/video sources.
- **Track/Seek Buttons:** Skips tracks or tunes radio stations.

Touchscreen Interface

Navigate through menus and control functions by touching the icons and options on the 6.2-inch WVGA display. The interface is designed for responsiveness and customization.

Apple CarPlay

Connect your iPhone via USB to access Apple CarPlay. This feature allows you to make calls, use Apple Maps for navigation, listen to music, and send/receive messages through the receiver's display, providing a safer and more intuitive way to use your iPhone while driving.

Built-in Bluetooth

Pair your Bluetooth-enabled smartphone for hands-free calling and wireless audio streaming. Access your phonebook, call history, and stream music directly to the receiver.

AppRadio Mode & AppRadioLIVE

Utilize AppRadio Mode to control compatible smartphone applications directly from the receiver's touchscreen. AppRadioLIVE combines essential driving information such as maps, media, news, and calendar into a single, easy-to-use interface.

Radio and Media Playback

The AVH-1300NEX supports FM/AM radio, CD/DVD playback, and various digital media formats including AAC, FLAC, MPEG, MP3, WMA, WAV, Avi, DivX, and JPEG via USB. It is also SiriusXM-Ready, requiring a separate tuner and subscription.

Maintenance

To ensure the longevity and optimal performance of your Pioneer AVH-1300NEX, follow these maintenance guidelines:

- **Screen Cleaning:** 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.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and vents.
- **Disc Care:** Handle CDs and DVDs by their edges to prevent scratches. Store discs in their cases when not in use.
- **Firmware Updates:** Periodically check the Pioneer website for available firmware updates to ensure your unit has the latest features and bug fixes.

Troubleshooting

If you encounter issues with your AVH-1300NEX, refer to the following common troubleshooting steps. For more detailed solutions, consult the full instruction manual.

- **No Power:** Ensure all power connections are secure and the vehicle's battery is charged. Check the unit's fuse (15A) located on the rear panel.
- **No Audio:** Verify speaker connections and amplifier settings. Check the volume level and ensure the mute function is not activated.
- **Touchscreen Unresponsive:** Perform a soft reset by pressing the reset button (if available) or disconnecting the vehicle's battery for a few minutes.
- **Apple CarPlay Not Connecting:** Ensure your iPhone is connected via a certified USB cable. Check iPhone settings for CarPlay permissions and ensure the device is unlocked.
- **Bluetooth Pairing Issues:** Ensure Bluetooth is enabled on both the receiver and your smartphone. Delete previous pairings and attempt to re-pair the devices.

Specifications

Feature	Specification
Model Number	AVH-1300NEX
Display Size	6.2 Inches
Display Type	WVGA LCD
Display Resolution	800x480
Chassis Size	Double-DIN
Peak Power Output	50 watts x 4 channels
RMS Power Output	22 watts x 4 channels
Preamp Voltage	4 Volts
Connectivity	Apple CarPlay, Built-in Bluetooth, AppRadio Mode, USB
Media Playback	CD, DVD, AAC, FLAC, MPEG, MP3, WMA, WAV, Avi, DivX, JPEG
Radio Features	AM/FM Tuner, SiriusXM-Ready, Spotify, Pandora
Item Weight	4 pounds
Product Dimensions	11 x 9.5 x 6 inches

Warranty and Support

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official Pioneer website. Keep your proof of purchase for any warranty claims.