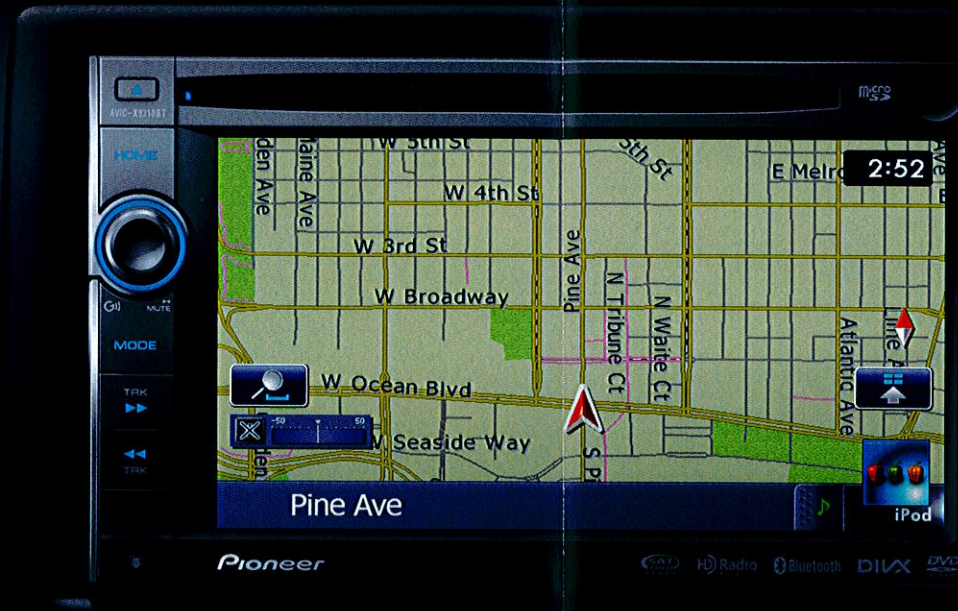


Pioneer

Drive time is music time. Take control of your entertainment with one of Pioneer's in-dash navigation multimedia receivers featuring state-of-the-art features like intuitive iPod® control, Bluetooth® for hands-free calling and audio streaming, Pandora® internet radio, and Aha™ Radio for social media connectivity. The entertainment options are endless!



AVIC-X9310BT

- Powerful processor and 3D hybrid sensor create a superior navigation and AV entertainment experience.
- With Aha™ Radio app connectivity*, enjoy safe and convenient in-car access to various online content such as Facebook® and Twitter® updates, live traffic notifications, Yelp® dining suggestions, and more!
- Listen to your personalized radio stations with Pandora internet radio*.

* Availability of voice commands and functionality depends on availability of data extraction for iPod or Bluetooth-enabled mobile phones. Functionality may vary and may be limited. To use Voice Control to access all iPod content, first connect an iPod to the navigation system, select "iPod" as the AV source, and remain in "iPod" mode until cataloging is completed. A message will be displayed. Cataloging of iPod content will not occur otherwise, which may limit use of Voice Control to access all iPod content.

* Driver must not operate iPod using App mode or Passenger Control mode while driving. Either "Made for iPod" or "Made for iPhone" means that an electronic accessory has been designed to connect specifically to iPod or iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of the device or its compliance with safety and regulatory standards. Operations and functions may vary depending on iPod models or receivers. iPod compatibility information is available at the following webpage: <http://www.pioneer-electronics.com/AVCompatibility>. iPod and iPhone are registered trademarks of Apple Inc.

The ability of a Pioneer system to access the AVIX FEEDS application through an Apple iPhone, BlackBerry, or Symbian device is subject to change without notice and could be affected by any of the following (but not limited to) the following: compatibility issues with future firmware versions of the iPhone/BlackBerry/Symbian and/or the AVIX FEEDS application for the iPhone/BlackBerry/Symbian, or discontinuation of the AVIX FEEDS application for the iPhone/BlackBerry/Symbian or of the App Store for iPhone/BlackBerry/Symbian.

Bluetooth functionality requires a compatible Bluetooth-enabled mobile phone. Certain Bluetooth features may not be supported by all compatible Bluetooth-enabled devices, and/or the functionality of such features may be limited in certain devices or by certain wireless carriers. See more details about compatible Bluetooth-enabled mobile phones at the following webpage: <http://www.pioneer-electronics.com/BluetoothCompatibility>.

Not every USB device is compatible with a Pioneer receiver containing a USB port. See more details at the following webpage: <http://www.pioneer-electronics.com/USBCompatibility>. Pioneer receivers containing a USB port are compatible with USB HSC (High Speed Class) devices only, and are not compatible with DRM (Digital Rights Management) protected content and MP3 (Media Transfer Protocol) connection devices. See size and other limitations, please see Owner's Manual. Unauthorized copying of music or other files is strictly prohibited. Special USB extension cable is available for use with front USB ports.

* PANDORA® internet radio is a service that allows you to enjoy personalized radio stations, and is not affiliated with Pioneer. More information is available at www.pandora.com. PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission. Requirements to access PANDORA service using a Pioneer system: Apple iPhone (first generation), supported software version 3.1.1, iPhone 3G, 3GS, or iPhone 4, with firmware version 3.0 or later; latest version of PANDORA application for the iPhone downloaded to your device; current PANDORA account (create a free account online at www.pandora.com/register or through the PANDORA application for the iPhone); iPhone Data Plan (note: the Data Plan for your iPhone does not have unlimited data, additional charges from your carrier may apply for accessing PANDORA service via your carrier's 3G and/or EDGE network); connection to the internet via Wi-Fi, 3G or EDGE network, and optional Pioneer cable connecting your phone to the Pioneer system. PANDORA is currently only available in the U.S. For more information on the terms of use and Privacy Policy for Pandora, please visit www.pandora.com/legal.

* Aha™ Radio is not affiliated with Pioneer. More information is available at www.aharadio.com. Aha™ Radio is a registered trademark of Aha International Industries, Incorporated. Requirements to access Aha Radio using a Pioneer system: iPhone 3G, 3GS, or iPhone 4, with firmware version 3.0 or later; latest version of Aha Radio application for the iPhone downloaded to your device (Search Apple iTunes App Store for "Aha Radio"); current Aha Radio account (create a free account through the Aha Radio application for the iPhone); iPhone Data Plan (note: if the Data Plan for your iPhone does not have unlimited data, overage charges from your carrier may apply with significant use of Aha Radio via your carrier's 3G and/or EDGE network); connection to the internet via Wi-Fi, 3G or EDGE network, and optional Pioneer cable connecting your phone to the Pioneer system. Aha Radio service is currently only available in the U.S. and Canada. For more information on Aha Radio's terms of use and Privacy Policy, please visit www.aharadio.com/terms.html.

Limitations relating to the use of PANDORA and/or Aha Radio service: Access will depend on the availability of a cellular and/or Wi-Fi network for purpose of allowing your phone to connect to the internet. Ability of the Pioneer navigation system to access a service is subject to change without notice and could be affected by any of the following: compatibility issues with future firmware versions of phone devices, or with future versions of the Pandora and/or Aha Radio iPhone application, changes to the PANDORA service or Aha Radio service, or discontinuation of the PANDORA service or Aha Radio service. Certain functionality of the PANDORA and/or Aha Radio service may not be available when accessing the service through the Pioneer system.

NOTE: Do not use your Pioneer system if doing so will divert your attention in anyway from the safe operation of your vehicle. Always observe safe driving rules. In some states certain operations of devices while driving may be illegal. Where such regulations apply, they must be obeyed. Use of App Mode functions that could be dangerous and/or unlawful if used while driving, including video and certain touch panel keys, is restricted through a parking brake interlock system. See owner's manual for details.



*1 Optional tuner is required (ND-TNC10)
*2 microSD and microSDHC Memory Card

CHANGE THE WAY YOU DRIVE

With Pioneer navigation in your car, you can experience the road like never before. More than simple navigation products, AVIC systems enhance your drive with a host of communication and entertainment possibilities. They are easy to use, fit smoothly in many types of vehicles and can be customized to suit your own taste. Explore. Talk. Play. With Pioneer navigation, it's that easy.



EXPLORE

Travel anywhere in North America with confidence. Pioneer X-Series navigation products come with pre-installed TeleAtlas maps of the United States and Canada. Navigation is made easy thanks to the large display, easy on-screen controls and text-to-speech (TTS) voice guidance. With the optional traffic tuner, see where the traffic congestion lies along your commute and even get recommendations on an alternate route based on the traffic information. Leave the hard part of exploration to the system, and simply enjoy the adventure ahead.



TALK

Stay connected as you travel with Bluetooth® wireless technology. Pioneer navigation units come with a built-in Bluetooth® module from Parrot, allowing safe, hands-free conversations on the road. Simple on-screen controls make it easy to manage your contacts and receive and make calls from behind the wheel. With Pioneer navigation, you'll always remain in touch, wherever you decide to go.



PLAY

Never be without your favorite music or video again. Pioneer X-Series navigation enables you to enjoy your music and video from your iPod®, USB devices, microSD/microSDHC card, and DVD/CD discs while controlling these sources directly on screen. HD Radio™ and XM/Sirius satellite radio are easily added with optional tuners. Connect your iPhone® and enjoy Pandora® internet radio, Aha™ Radio, and App Mode. No matter how long the journey is, you can keep yourself and your passengers entertained the whole way.



MAIN FEATURES

- 6.1" WVGA Touch Panel Display
- TTS (Text-to-Speech) voice guidance▲ that clearly pronounces driving directions and street names
- 3D Hybrid Sensor (Gyro & G-Force)
- Multiple Display Modes (5-View)
- Traffic Tuner Ready (ND-TMC10 required)
- Touch Slide Operation
- Color Customization (32,768 Colors)
- Aha™ Radio+ Ready
- Pandora+ Ready
- MusicSphere
- App Mode●
- USB Direct Control for iPod®/iPhone® and USB+ Device (CD-IU51V Required for iPod®/iPhone®)
- Built-in Bluetooth®★ Wireless Hands-Free, Audio Control & Streaming (A2DP, AVRCP)
- HD Radio™ Ready (GEX-P20HD required)
- XM/SIRIUS Ready
- AUX Input
- Dual Zone Audio/Video
- DVD/CD Player
- microSD/microSDHC Memory Card Slot
- DivX® Video Playback from DVD/CD
- WMV/H.264/MPEG-4 Playback from SD Memory Card or USB+ Device
- iTunes AAC/MP3/WMA Playback from CD, DVD, SD Memory Card or USB+ Devices
- Advanced Sound Retriever
- MOSFET50 W x 4
- RCA Preouts x 3
- 8-Band Graphic EQ
- AVIC FEEDS (PC App) Available for Personalizing Mapping & Settings
- AVIC FEEDS+ App for Smartphone Compatible
- Back-Up Camera Ready
- Wired Remote Input
- Detachable Face Security™ (partial)



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Aha™ Radio+ and Pioneer have joined forces to provide you with up to the minute content from the convenience of the Pioneer's touchscreen interface. Listen to the latest status updates or posts from your friends, hear about traffic conditions around you, and even discover great restaurants nearby — safely and easily.



Facebook® & Twitter®

Aha Radio provides Text-to-Speech (TTS) technology that reads your friend's Facebook status updates or the latest Tweets in your Twitter feed, so you can keep your eyes on the road — and not on your phone.



Nearby Traffic and My Traffic

The problem with most radio traffic updates is that they never seem to mention the jam you're currently in. With Aha Radio Traffic and My Traffic updates, you'll only hear about the traffic conditions around you and along your daily commute.



Hungry

Discover new restaurants nearby based off your defined search criteria and hear Yelp® user reviews. You can even call the restaurant, make a reservation, and route to the restaurant all from Pioneer's touchscreen interface.

Podcasts

Take the boredom out of your commute and add some variety to your listening entertainment by instantly streaming from your choice of many popular audio Podcasts.



Is your playlist played out? Tired of listening to the same songs on your local radio stations? Experience Pandora+ internet radio on Pioneer's navigation multimedia receivers and enjoy a world of new music discovery.

Pandora+ is personalized internet radio that is designed to help you discover new music you'll love mixed in with music you already know.



• Connect your iPhone® and control Pandora+ directly from the touchscreen

• "Thumbs Up" and "Thumbs Down"

• Bookmark a song so you can buy it later

• Easily switch between your personalized stations

• Full data display for song currently playing

How Pandora+ Works with Pioneer

It's easy to enjoy Pandora+ with a Pioneer receiver. Simply connect an iPhone® and launch the Pandora+ App. With the navigation multimedia receiver on the Pandora+ source, you can control and enjoy the Pandora+ experience in your vehicle.

What You Get

Thanks to Pioneer and Pandora+, you'll get more music that you love and discover new music you never knew about. The large touch screen allows you to easily control Pandora+ on your receiver and experience an in-car listening adventure.

NOTES: Requirements to access the Pandora music service using the Pioneer car audio/video products: (a) Apple iPhone (first generation), iPhone 3G, iPhone 3GS or iPhone 4 with firmware version 3.0 or later with Pandora+ application downloaded from iTunes store. (b) Connection to the Internet via 3G or WiFi network. (c) Optional Pioneer adapter cable connecting your iPhone to the Pioneer car audio/video products.

Pandora Internet Radio is currently only available in the United States.



Pioneer navigation multimedia receivers and iPods®/iPhones® are made for each other. With built-in USB+ Direct Control (CD-IU51V cable required), you are able to control all of your iPod® audio and video functions directly from the touchscreen display.

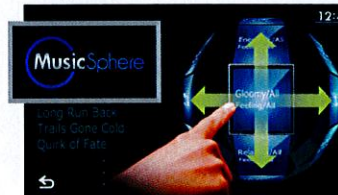


App Mode

Experience a growing universe of video and music. With App Mode, you can play audio or video content from an iPhone® App for a larger and more immersive entertainment experience.

MusicSphere

MusicSphere is a unique new way to explore and experience all of the music on your iPod®. Our state-of-the-art touchscreen interface allows you to access 40 custom-made playlists. The intuitive sphere interface allows you to quickly and easily swipe, scroll, or drag to explore your music, and re-discover songs or artists you may have forgotten or overlooked.



AVIC FEEDS+ App

With the AVIC FEEDS+ app on your iPhone®, you can search for a destination within the app using Google Maps or receive a geo-tagged photo from a friend. Once the destination is saved and your iPhone® pairs via Bluetooth®★ to the Pioneer navigation system, the destination will appear in the contact list. Just tap the "M" icon next to the name of the destination and your route will be mapped.

iPod®/iPhone® Compatibility List

iPhone® 4, iPhone® 3GS, iPhone® 3G, iPhone® iPod® Touch (1st - 4th generations)
iPod® Nano (1st - 6th generations)
iPod® Classic
iPod® with Video

NOTES: Receiver may not operate other iPod models. Compatibility with receiver and operations may vary depending on the software version of iPod. Please refer to www.pioneer-electronics.com/iPodCompatibility for the latest product information.



X-SERIES
GPS NAVIGATION
2011

