Symbols for Special Features

Display

Touch Panel Screen	Touch Panel Screen
7.0W	7.0-inch Wide Screen
VGA	VGA Display
LED	LED Backlight
MULTI-LANGUAGE DISPLAY	Multi-Language Display

Media & Format

DVD VIDEO	DVD Video Compatible
DVD-R/RW	DVD-R/RW Compatible
CD-R/RW	CD-R/RW Compatible
MP3	MP3 (MPEG Audio Layer-3)
WMA	WMA (Windows Media™ Audio)
AAC	iTunes® AAC (Advanced Audio Coding)
DIVX	DivX® Digital Media
DOLBY DIGITAL	Dolby® Digital Decoder

Connectivity

Made for iPod iPhone	Made for iPod and iPhone Products
Smartphone Compatible	Smartphone powered by Android Compatible*
AppRadio MODE	AppRadio Mode
APP MODE	App Mode
Bluetooth®	Built-in Bluetooth®
SD	SD/SDHC Memory Card Compatible
AUX IN	AUX-In Connectivity (mini-jack)
USB	USB Direct Connection
Dual USB	Dual USB Ports
Back UP Camera	Back Up Camera Ready
TV Tuner Ready	Pioneer TV Tuner Ready

Audio

MIXTRAX	MIXTRAX
MIXTRAX EZ	MIXTRAX EZ
Hi-VOLT	Hi-Volt Preout
3 RCA PREOUTS	RCA Preout
24bit DA Converter	24-Bit DA Converter
Auto EQ	Auto EQ
Sonic Center Control	Sonic Center Control
Dual Zone	Dual Zone Audio/Video
SUPER TUNER IIID	Supertuner® IIID
RDS	Radio Data System
MOSFET 50Wx4	MOSFET 50 W x 4

General

DETACHABLE FACE SECURITY	Detachable Face Security™ (DFS)
MULTIPLE COLOR	Color Customization
WIRED REMOTE INPUT	Wired Remote Input

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Not every USB Device is compatible with a Pioneer receiver containing a USB port. Optional USB extension cable is available for use with front USB ports.

* Not all Android devices may be compatible with a Pioneer receiver via the USB port or Bluetooth. Pioneer receivers are compatible with Android UBS MSC (Mass Storage Class) devices only and are not compatible with MTP (Media Transfer Protocol) devices. Certain Bluetooth features may not be supported by all compatible Bluetooth-enabled Android devices, and/or the functionality of such features may be limited in certain devices or by certain wireless carriers.

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Pioneer

CAR ENTERTAINMENT 2013
AUDIO/VISUAL

2013 Pioneer New Audio/Video Products

The elements of connectivity, entertainment, quality and convenience that are essential to Pioneer integrity drive car entertainment on the fast track to perfection.

AppRadio

CONNECTIVITY

Smartphone compatibility with Pioneer's AppRadio™ Mode puts a world of excitement at your fingertips. Bluetooth® Wireless audio streaming makes it easy and intuitive to play music from your smartphone. Dual USB ports conveniently connect and charge your external devices.

ENTERTAINMENT

Your car audio experience comes to new life with an unprecedented choice of content and control. MIXTRAX technology provides club-like ambiance with seamless Non-Stop Mix Playback and mood-enhancing visual effects. Every drive can become an enjoyable journey when its filled with the awesome sound and effects that MIXTRAX and Pioneer provide.

CONVENIENCE

Customize your audio and visual experience with adjustable audio and display functions. Expand your universe of content and playback options with simple menus and an intuitive user interface. Control of your in-car AV entertainment is at the tip of your fingers via Pioneer's large WVGA touch panels.

QUALITY

Pioneer's universal reputation for quality is a strong foundation to build upon with its stylish design and detailed craftsmanship. So is the promise that Pioneer technology continues to overcome the many challenges in the mobile industry. Over 30 years as a leading authority in audio technology keeps Pioneer at the top of the class.

Connectivity

- **Smartphone Connectivity with AppRadio Mode**
  - Fully controls Apps compatible with AppRadio Mode through the display.

- **Connect Multiple Devices and Other Compatible Devices**
  - Dual USB Ports
  - Direct Control for iPod®/iPhone®
  - Direct Control for Certain Android Phones*
  - Built-in SD/SDHC Memory Card Slot
  - RGB Input
  - HDMI Input
  - *Not all Android phones are compatible.*

- **Hands-Free Calling for Safer Driving**
  - Hands-Free Calling (HFP)
  - Wireless Audio Streaming/Control (A2DP/AVRCP)
  - Easy Pairing (SSP)
  - Serial Port (SPP)

Entertainment

- **New Music Experience**
  - MIXTRAX — Innovative Pioneer technology that creates a Non-Stop MIX with a range of DJ-inspired effects.

Convenience

- **Easy Interface: Fun and Convenient**
  - Home Screen Menu
  - Innovative Interface to Naturally Tap, Swipe or Drag for Intuitive Control with High Response
  - Thumbnail Display for Video Browsing
  - Multi-Language Display for Menu and ID3 Tag

- **Make It Yours with Customization**
  - Color Customization (5-Display Colors, 112-Key Colors)

- **Safe and Secure**
  - Detachable Face Security™

Audio/Video Quality

- **Extraordinary Video Quality and Visibility**
  - VGA Panel
  - Advanced Display Resolution (ADR)
  - LED Backlight

- **Bring Your Music to Life**
  - Advanced Sound Retriever
  - Auto EQ — Microphone* Analyzes Acoustic Characteristics of the car cabin to create custom equalizer setting for optimum sound
  - Sonic Center Control — Controls phasing of speakers according to listening position for clearer focus of the soundstage
  - *CD-MC20 Required*

KEY FEATURES STEP-UP COMPARISON CHART

	DIN Size	Display	Preout	Playback	Video Format	Audio Format	AUX Input (Mini-Jack)	USB Interface	Control for iPod/iPhone*¹	Direct Control for Certain Android Phones*²	AppRadio Mode*¹	SD/SDHC Memory Card Slot	Bluetooth®*⁴	MIXTRAX	Dual Zone Audio/Video	Auto EQ	Advanced Sound Retriever	Back-Up Camera Ready	Page Number
AVH-X8550BT	2-DIN	7.0" VGA	3 (4 V)	DVD/CD	H.264 WMV DivX*	WAV*⁶ MP3 WMA AAC	Rear	Rear x 2	●	●	●	●	HFP A2DP AVRCP SSP SPP	●	●	CD-MC20	●	ND-BC6 ND-BC20PA	4
AVH-X7550BT	1-DIN	7.0" VGA	3 (4 V)	DVD/CD	DivX*³	WAV*⁶ MP3 WMA AAC	Rear	Rear	●		●		HFP A2DP AVRCP SSP SPP	●*⁷		CD-MC20	●	ND-BC6 ND-BC20PA	8
AVH-X6550DVD	1-DIN	7.0" VGA	3 (4 V)	DVD/CD	DivX*³	WAV*⁶ MP3 WMA AAC	Rear	Rear	●		●			●*⁷		CD-MC20	●	ND-BC6 ND-BC20PA	8
AVH-3550DVD	1-DIN	7.0" VGA	3 (2 V)	DVD/CD	DivX	MP3 WMA	Front	Front										ND-BC6 ND-BC20PA	9

*1. Optional cable required. Please refer to page 11 for compatibility.
*2. Not all Android phones are compatible.
*3. Optional cable required.
*4. HFP = Hands-Free Profile, A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile (version 1.3), SSP = Secure Simple Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.

*5. Only for DVD/CD Device.
*6. Only for USB Device or SD Memory Card.
*7. Compatible with MIXTRAX EZ. Not compatible with full-featured Non-Stop Mix Play using MIXTRAX software that analyzes track information (BPM, bar, beat/vocal position, mood).

Note: Functions available differ among receivers. For details about a particular receiver, refer to pages 04-09 about functions and features, and to page 11 for full specifications.

02   See pages 04-09 for additional details on each model, and page 11 for the full specifications.

03

AVH-X8550BT `NEW`

In-Dash Double-DIN DVD Multimedia AV Receiver with 7" VGA Touch Display, MIXTRAX, Built-in Bluetooth®, Dual USB, and Direct Control for iPod/iPhone and Certain Android Phones

Remote Control Included

Rear Panel

RCA Connector (Audio IN, Video IN/OUT)
Rear View Camera IN   HDMI IN
Dual USB Ports

Audio OUT   AUX IN   RGB IN
Audio Preouts   Bluetooth Microphone IN   Wired Remote IN

7.0W VGA LED MULTIPLE COLOR MULTI-LANGUAGE DISPLAY DVD VIDEO CD MP3 WMA AAC

DIVX DOLBY DIGITAL APP MODE iN SD Dual Zone RCA 3 Hi-VOLT 24bit DA Converter Auto EQ))) (((Sonic Center Control

TV Tuner Ready RDS SUPER TUNER IIID MOSFET 50W x4 DETACHABLE FACE SECURITY Back UP Camera

Made for
iPod iPhone

MIXTRAX Bluetooth®

AppRadio MODE Dual USB Smartphone Compatible

Key Selling Points

Point 1 Fully controls Apps compatible with AppRadio Mode through the display — Navi App, Drive App, Music App, etc.

AppRadio MODE Made for iPod iPhone Smartphone Compatible

Point 2 Full-featured Non-Stop Mix Play, based on music data analysis using MIXTRAX software, seamlessly delivers auto beats that sound as if a club DJ is creating the mix.

MIXTRAX

Point 3 The Advanced User Interface makes various audio/video functions exceptionally operable using an innovative GUI.

Point 4 Pioneer's flagship AVH-X8550BT has features for making the best use of versatile functions in-car entertainment of the highest order.

Dual USB Dual Zone

Main Features

- MIXTRAX
- 7" VGA Touch Panel Display with LED Backlight
- Advanced Display Resolution (ADR)
- Multi-Language Display (Menu/ID3 Tag)
- Color Customization (5-Display Colors and 112-Key Colors)
- Direct Control for iPod/iPhone (Optional Cable Required)
- Direct Control for Certain Android Phones (Optional Cable Required)
- AppRadio Mode
- App Mode
- Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)
- HDMI Input

- Dual USB Ports (Rear: High Current 1 A Handling Capability)
- SD/SDHC Memory Card Slot
- AUX Input (Audio/Video)
- RGB Input
- DVD/CD Player with DVD Video Playback
- H.264/WMV/DivX®/MPEG-4/iTunes® AAC/MP3/WMA/WAV Playback from USB Device/SD Memory Card
- DivX/MPEG-1, -2, -4/iTunes AAC/MP3/WMA Playback from CD/DVD
- Dual Zone Audio/Video
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Hi-Volt RCA Preouts x 3 (4 V)
- 8-Band Graphic EQ

- Auto EQ (CD-MC20 Required)
- Sonic Center Control
- Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
- Back-Up Camera Ready
- Detachable Face Security™
- Wired Remote Input
- Display Off Mode
- RDS

See page 7 for more details.

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version.
See page 11 for more details.

iPod/iPhone Compatibility

Made for
iPhone 5 (AppRadio Mode Compatible)
iPhone 4S (AppRadio Mode Compatible)
iPhone 4 (AppRadio Mode Compatible)
iPhone 3GS
iPhone 3G
iPhone
iPod touch® (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic®
iPod with video
iPod nano® (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

See page 10 for accessories.

Note: Text in blue indicates feature differentiation from other models.

Point 1

`NEW` ■ A Revolutionary Way to Use Apps in the Car

Pioneer's game-changing AVH-X8550BT revolutionizes the driver's smartphone experience by bringing compatible iPhone 5, iPhone 4, iPhone 4S, 4th/5th generation iPod touch, or Android phone* apps to your dash. When connected to an iPhone 5, iPhone 4, iPhone 4S, 4th/5th generation iPod touch, or Android phone* loaded with applications compatible with AppRadio Mode, the AVH-X8550BT in-dash receiver provides the ultimate in-vehicle smartphone experience.

* Not all Android phones are compatible.

AppRadio MODE Made for iPod iPhone Smartphone Compatible

■ How AppRadio Mode Works
AppRadio Mode (iPhone connectivity example shown)

Step 1 Install the AppRadio app and other 3rd party apps to your iPhone.

Step 2 After launching the app, connect your iPhone to the receiver using the AppRadio Mode compatible cable. Pressing the "MODE" button lets you change to the AppRadio Mode's Home display screen.

Step 3 Through the display of the AVH-X8550BT, you can fully control apps compatible with AppRadio Mode.

■ Compatible Apps

Navigation/Travel	iPhone	Android
Waze A cool social GPS driving and navigation app that connects you to other drivers & provides full turn by turn navigation guidance. *Note: An active data connection is required to use this App.*	●	●
NavGate Drive The NavGate Drive makes your Pioneer In-Car receiver change to full function turn by turn navigation.	●	
Navfree Navfree is a completely free GPS navigation app, and map data is created by a community of 1000s of users around the world. *Note: In-App purchase required to activate the AppRadio interface.*	●	●
DashCommand™ Use your touchscreen to create and use stunning virtual dashboards including digital gauges, analog gauges, indicator lights, and more.	●	●
Extra Mile All-in-one app for convenient voice navigation with trip logs and audio feedback to improve your driving performance and conserve fuel.	●	●
Beej Fast, simple and accurate — Beej is the in-vehicle location/navigation application for your AppRadio Mode device. Beej is a great mapping app that quickly identifies your position and allows you to select the nearest bank, bar, gas station, hospital, hotel, restaurant and more (using Google mapping).	●	

Music	iPhone	Android
MIXTRAX Pioneer's proprietary MIXTRAX app can read analyzed music data in your iTunes® library to create custom playlists for non-stop song mixes with added DJ effects.	●	
AUPEO! Personal Radio Safely access, stream and personalize AUPEO!'s 120+ radio stations from your car dashboard.	●	●
StreamS HiFi Radio Internet radio app has a directory of thousands of AAC and HE-AAC streams including AM/FM stations and NET streams.	●	
CarMediaPlayer CarMediaPlayer allows you to swipe, drag, and directly touch the desired artist, song, or album in your music library directly from the Pioneer touchscreen with Alphabet Search and Album View functions.	●	●
7digital Sync and Play your 7digital music from the cloud to your phone. Discover your tracks in the web store or from the App and enjoy them while driving thanks to the cloud syncing feature. Play the other music on your phone as well.		●

Utility	iPhone	Android
EC Touch EC Touch enables drive safe iPod music, Maps, Contacts and TuneIn radio. When parked, Facebook, iPod video and a web viewer are added to the mix. Large icons, simple commands, cover flow and swipe gesturing make it easy and quick to get what you want.	●	
Glympse Safely share your location in real-time via email, SMS, Facebook, or Twitter. Glympse is the easiest way to safely share your location with someone in real time.		●
Maxthon World's fastest & smartest internet browser — fast, secure, free & lightweight.		●
CarBrowser CarBrowser allows you to search and navigate the internet directly from the 6.1" or 7" Pioneer touchscreen while the vehicle's parking brake is engaged.	●	
Photos Swipe through your smartphone photos. Play a slideshow. Personalize your device with your own wallpapers and screensavers.	●	●

As the number of compatible apps continues to increase, please refer to the Pioneer website for the latest information on AppRadio Mode compatible apps.

CD-IH202 `NEW`
AppRadio Mode HDMI/USB Interface Cable for iPhone 5 or 5th Generation iPod touch
Required to utilize AppRadio Mode.

CD-AH200 `NEW`
AppRadio Mode App Connectivity Kit for Android
Required to utilize AppRadio Mode.

CD-IU201S
AppRadio Mode USB Interface Cable for iPhone 4, iPhone 4S, or 4th Generation iPod touch
Required to utilize AppRadio Mode.

APP MODE
App Mode Pioneer's App Mode allows users to access/control App-based content from their iPhone, iPod touch or Android phone and view it on their Pioneer in-dash multimedia receiver.

Video*
Netflix®
Netflix is a great service for watching movies and TV shows on demand on a TV or computer.

*Operations on a receiver's display are limited in App Mode. Audio/video contents from an iPod or iPhone can only be played with an app that outputs audio/video signals. Not every app is compatible with App Mode.

Important Note: AppRadio app is available from iTunes App Store. Please use in Internet connection situations. AppRadio App & Compatible Apps may not be available in some countries.

Point 2

MIXTRAX

Point 3

■ How MIXTRAX Works

Music Analysis Info

MIXTRAX Server

Analyzed Music Data

MIXTRAX Software

Analyzed Music Data

AVH-X8550BT

Music Data

MIXTRAX, MIXTRAX App, and MIXTRAX EZ Comparison

	Advantage	MIXTRAX Software	Compatible Source
MIXTRAX	Full-featured Non-Stop Mix Play*[1]	Compatible	USB Device
			SD Memory Card
MIXTRAX App	Full-featured Non-Stop Mix Play	*[2]	iPhone, iPod touch
MIXTRAX EZ	Quick and Easy Mix Play	—	USB Device
			SD Memory Card
			iPod, iPhone

*[1]. Requires music analysis by MIXTRAX Software from Pioneer (free download).
[2]. Creates playlists using data from the MIXTRAX cloud server.

MIXTRAX | **MIXTRAX App**

Enjoy full featured non-stop mixes created from your music library analyzed with MIXTRAX software. You can also experience MIXTRAX as an application for the iPhone 5, iPhone 4, iPhone 4S, or 4th/5th generation iPod touch and using AppRadio Mode to control the MIXTRAX app through the receiver's touchscreen display.

MIXTRAX EZ

Experience your music as a simple non-stop mix.

MIXTRAX Music Analysis

MIXTRAX | **MIXTRAX App**

The MIXTRAX PC software automatically analyzes a track's musical attributes including beats per minute, temp and mood to determine the best transition points for each song. When the analyzed files are transferred to a USB device or SD card, the AVH-X8550BT reads the encoded data, allowing you to enjoy a seamless mix of songs from your own music library. The MIXTRAX App provides similar benefits to the PC software on your iPhone or iPod touch. Utilizing the MIXTRAX App through the AVH-X8550BT's AppRadio Mode function allows the user to view, select, and experience the MIXTRAX mixes directly from the AVH-X8550BT's touchscreen display.

Auto DJ Style Playlist
Music are categorized to some playlist (Beat/Chill/Thump/Distortion/High) for natural Non-Stop MIX Play.

Beat | **Thump** | **High**
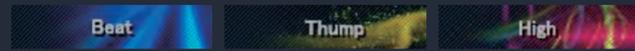
MIX Style
Select among three mixing styles of different track time durations and effects in preset three steps.

NEW

Standard Style | *Simple Style* | *Active Style*

| Song 1 | Effect | Song 2 |
| About **2** minutes | Standard Effect |

| Song 1 | Effect | Song 2 |
| About **4** minutes | Simple Effect |

| Song 1 | Effect | Song 2 |
| About **1** minute | Active Effect |

Beat Matching
• Synchronizing the beat of the music makes for natural Non-Stop Mix Play enjoyment.

Without beat timing matching

Song 1 ——— Song 2

Music Beat Timing

With beat timing matching

Song 1 ——— Song 2

Beat matching point

• Smoother beat matching becomes available with songs of different tempo thanks to the new beat alignment algorithm. **NEW**

Song 1 — Song 2 → **Beat Alignment** → Song 1 — **Aligned Beat** — Song 2
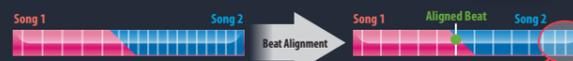
After song 1 is shifted to the song 2 with the beat matched, the rhythm of song 2 comes back to the original level gradually.

■ Dancing Album Art*
Album Jacket Dance function bounces and gyrates the album art to the music as it plays. Select among five (Blue/Red/Amber/Green/Violet) colors.
* MIXTRAX App and MIXTRAX EZ are not compatible with Dancing Album Art.

Point 4

■ Detachable Face Security™
The extra-thin face panel of the AVH-X8550BT is easy to remove and carry out of the car to deter theft.

DETACHABLE FACE SECURITY.

■ Advanced Display Resolution (ADR)
By incorporating extra-high-resolution technology, even low-resolution moving images can be reproduced as high-quality images.

Simulated image

■ Advanced User Interface

Direct Access to MIXTRAX and MIXTRAX EZ
With Non-Stop Mix, auto beat sound seamlessly delivers a musical high as if a club DJ is mixing.

Source Change Display
Cool, simple display featuring large easy-to-read font makes it effortless to change a source without switching the display.

Advanced Sound Retriever

Equalizer Setting Display
Directly access the equalizer setting display. With its unique Advanced Touch Slide Operation, you simply drag a finger to change the EQ curve and audio characteristics.
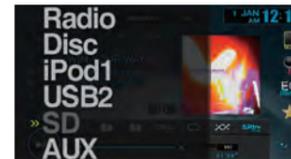
Bluetooth® Hands-Free Display
The AVH-X8550BT allows safe, simple, hands-free wireless-enabled cell phones. Just touch the cell phone icon in the receiver display for direct access to the Bluetooth display. Simple pairing requires no input of a PIN code.

Browsing Display
Thumbnail images make video file search easy. Press playback button to preview video in the browsing display for quick, easy access and search for what you want to see.
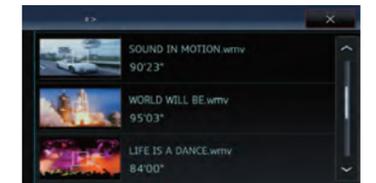
Favorites Menu
You can register a frequently used menu and use it as shortcut.

You can set EQ curve freely just by dragging a finger.

■ Home Menu Display
Press home button to display source list. Icons are well designed and positioned for quick recognition of sources and easy access to the desired one. With the Dual Zone Audio/Video system, flicking a finger right or left makes it easy for front and rear passengers to switch sources, and access and control displays for each source.

Front Zone | **Rear Zone**

Front Source Display | *Rear Source Display*

■ Radio Display
Preset channels are positioned at the left side of the display. You can see the lists in the same display at once, and select a channel without a hassle.

■ Mix or Match Your Colors
Select among five (Blue/Red/Amber/Green/Violet) colors for the display and 112 different colors to match unit illumination to the dash.

MULTIPLE COLOR

■ Dual USB Ports
Dual USB

More connectivity adds more convenience and utility. For example, you can listen to music from a USB device while charging your smartphone.

■ Dual Zone Audio/Video
Dual Zone

The AVH-X8550BT lets rear seat passengers enjoy DVDs and CDs via additional rear screens and headphones, even while a front passenger and driver listen to audio from another source.

■ Multi-Language Display
MULTI-LANGUAGE DISPLAY

New Pioneer AV receivers feature Multi-Language Display of Menu and ID3 tag text.

Asia
English/Thai/Chinese (Simplified)/Bahasa Indonesia — ③ RC*

Central America/Latin America/Oceania
English/French/Spanish/Portuguese/Chinese (Traditional) — ④ RD*

Middle East Asia
English/French/Portuguese/German/Dutch/Russian/ Arabic/Persian/Hebrew — ② RI*

■ Pioneer TV Tuner Accessory **NEW**
TV Tuner Ready

GEX-1550DTV and GEX-1550TV TV tuner can be operated via receiver touch panel displays.
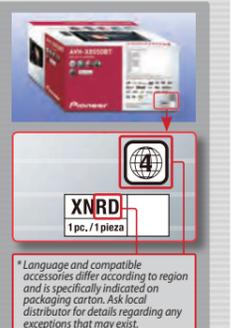
GEX-1550DTV **NEW** ④ RD
Digital TV Tuner
• Compatible broadcasting system*: ISDB-T

GEX-1550TV **NEW** ③ RC ② RI
Analog TV Tuner
• Compatible broadcasting systems*: PAL/SECAM/NTSC

* The ISDB-T digital and PAL/SECAM/NTSC analog TV broadcasting systems are not compatible with all regions.

XN RD
1 pc. / 1 pieza
④

Language and compatible accessories differ according to region and is specifically indicated on packaging carton. Ask local distributor for details regarding any exceptions that may exist.
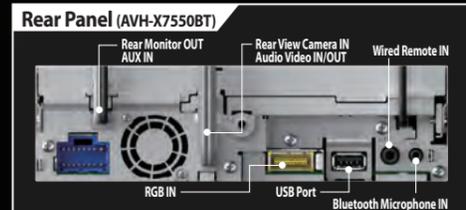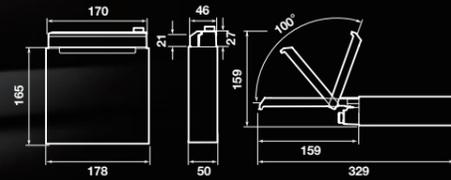
AVH-X7550BT `NEW`

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" VGA Touch Display, MIXTRAX, Built-in Bluetooth®, and Direct Control for iPod/iPhone

Remote Control Included

AVH-X6550DVD `NEW`

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" VGA Touch Display, MIXTRAX, and Direct Control for iPod/iPhone

170 46
21
27
100°
165 159
159
178 50 329

Rear Panel (AVH-X7550BT)

Rear Monitor OUT
AUX IN
Rear View Camera IN
Audio Video IN/OUT
Wired Remote IN

RGB IN
USB Port
Bluetooth Microphone IN

7.0W VGA ED MULTIPLE COLOR MULTI-LANGUAGE DISPLAY DVD MP3 WMA AAC
DIVX DOLBY DIGITAL APP MODE USB RCA Hi-Volt 24bit DA Converter Auto EQ Sonic Center Control TV Tuner Ready
RDS SUPER TUNER III D MOSFET 50W x4 WIRED REMOTE INPUT Back UP Camera

Bluetooth® AppRadio MODE

Made for
iPod iPhone

Note: Bluetooth Wireless Technology for AVH-X7550BT.

Key Selling Points

Point 1

Fully controls Apps compatible with AppRadio Mode through the display — Navi App, Drive App, Music App, etc.

AppRadio MODE

Made for
iPod iPhone

Point 2

Non-Stop Mix Play makes it quick and easy to enjoy simple, seamless music sequencing. Display Visualizer provides for cool visuals that suitably enhance the mood in your car cabin.

MIXTRAX

Point 3

Experience superior in-car AV Performance with Auto EQ*, Sonic Center Control, Advanced Sound Retriever and more. * CD-MC20 Required.

Auto EQ Sonic Center Control

Common Main Features

- MIXTRAX (MIXTRAX EZ for Quick Non-Stop MIX Play)
- 7" VGA Touch Panel Display with LED Backlight
- Multi-Language Display (Menu/ID3 Tag)
- Color Customization (5-Display Colors and 112-Key Colors)
- Direct Control for iPod/iPhone (Optional Cable Required)
- AppRadio Mode
- App Mode
- USB Port (Rear: High Current 1 A Handling Capability)
- AUX Input (Audio/Video)
- RGB Input

- DVD/CD Player with DVD Video Playback
- iTunes® AAC/MP3/WMA/WAV Playback from USB Device
- DivX®/MPEG-1, -2/iTunes AAC/MP3/WMA Playback from CD/DVD
- Advanced Sound Retriever
- MOSFET 50 W x 4
- Hi-Volt RCA Preouts x 3 (4 V)
- 8-Band Graphic EQ
- Auto EQ (CD-MC20 Required)
- Sonic Center Control
- Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
- Back-Up Camera Ready

- Rotary Volume Control
- Detachable Face Security™
- Wired Remote Input
- Display Off Mode
- RDS

* See page 7 for more details.

AVH-X7550BT Main Features

- Built-in Bluetooth Wireless Technology (Hands-Free Calling/Wireless Audio)

Note: Text in blue indicates feature differentiation from other models.

See page 10 for accessories.

iPod/iPhone Compatibility

Made for
iPhone 5 (AppRadio Mode Compatible)*
iPhone 4S (AppRadio Mode Compatible)
iPhone 4 (AppRadio Mode Compatible)
iPhone 3GS
iPhone 3G
iPhone
iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
iPod classic
iPod with video
iPod nano (1st, 2nd, 3rd, 4th, 5th, 6th, and 7th generation)

Notes: Receiver may not operate other iPod or iPhone models. Compatibility with unit and operations may vary depending on the software version.
See page 11 for more details.
* Not compatible with AVH-X6550DVD.

Point 1

■ A Revolutionary Way to Use Apps in the Car `NEW`

Pioneer's game-changing AVH-X7550BT and AVH-X6550DVD* revolutionize the driver's smartphone experience by bringing compatible iPhone 5, iPhone 4, iPhone 4S, or 4th/5th generation iPod touch apps to your dash. When connected to an iPhone 5, iPhone 4, iPhone 4S, or a 4th/5th generation iPod touch loaded with applications compatible with AppRadio Mode, the AVH-X7550BT and AVH-X6550DVD* in-dash receivers provide the ultimate in-vehicle smartphone experience.

* Not compatible with AppRadio Mode for iPhone 5 or 5th generation iPod touch.
Note: Please refer to the applicable local website for the latest information about using the AppRadio Mode with the iPhone 5 and 5th generation iPod touch.

AppRadio MODE

Made for
iPod iPhone

■ Compatible Apps

Navigation/Travel		
Waze		DashCommand™
NavGate Drive		Extra Mile
Navfree		Beej

Music		
MIXTRAX		StreamS HiFi Radio
AUPEO! Personal Radio		CarMediaPlayer

Utility		
EC Touch		Photos
CarBrowser		

CD-IV202AV `NEW`
AppRadio Mode VGA/USB Interface Cable for iPhone 5 or 5th Generation iPod touch
Required to utilize AppRadio Mode.

CD-IU201S
AppRadio Mode USB Interface Cable for iPhone 4, iPhone 4S, or 4th Generation iPod touch
Required to utilize AppRadio Mode.

See page 5 for more details about Compatible Apps.

Point 2

■ MIXTRAX `NEW`

The AVH-X7550BT and AVH-X6550DVD provide such DJ-inspired MIXTRAX audio and visual effects as Short Playback Mode and Flashing Color.

- **MIXTRAX EZ for Quick Non-Stop MIX Play**
  Tracks are joined by various random sound effects in Non-Stop MIX Play, and you can experience the intimate euphoria of listening to music that sounds as if a club DJ is there playing it.

- **Short Playback Mode**
  You can choose a length of playback (60, 90, 120, 150, 180 sec., random, or off) to shorten track selections and speed up switching to following tracks in the mix.

- **Flashing Color***
  As MIXTRAX begins, lights starts pulsing to the beat of the music, creating a mood-enhancing dance club-like lighting effect.
  * Can be switched on or off as desired.

- **Selectable Sound Effect**
  A desired special effect sound can be selected in the setting menu.

- **Display Visualizer**
  Generate a buzz with club illumination-style visual effects matching set backgrounds.

Short Playback Mode
60", 90", 120", 150", 180", Random, Off
Song 1 — DJ-INSPIRED EFFECT
Song 2 — DJ-INSPIRED EFFECT
Song 3 — DJ-INSPIRED EFFECT
Song 4

* Orange portions indicate playback of each track.

Point 3

■ Auto EQ*
Automatically tailors acoustics by fine-tuning frequency bandwidths plus front/rear speaker digital parametric equalization. Result: smooth sound full of subtle nuance and clarity.
* CD-MC20 required

CD-MC20
Microphone for Auto EQ Frequency Band Fine-Tuning

■ Sonic Center Control
Adjusts frequency phase and acoustic characteristics by up to 15 steps for clearer, focused soundstage.

■ Advanced Sound Retriever
Restores sound quality and clarity to your highly compressed MP3, WMA and AAC files.

Pure Sound!
Original data → Compressed file → Advanced Sound Retriever

AVH-3550DVD `NEW`

In-Dash 1-DIN DVD Multimedia AV Receiver with 7" VGA Touch Display, and Front USB Port

Remote Control Included

7.0W VGA ED MULTI-LANGUAGE DISPLAY
DVD MP3 WMA DIVX DOLBY DIGITAL
USB RCA 24bit DA Converter TV Tuner Ready WIRED REMOTE INPUT
RDS MOSFET 50W x4 Back UP Camera

Main Features

- 7" VGA Touch Panel Display with LED Backlight
- Multi-Language Display (Menu/ID3 Tag)
- Single Color (Red)
- USB Port (Front)
- Front AUX Input (Audio/Video)
- RGB Input (Only for TV Tuner)
- DVD/CD Player with DVD Video Playback
- DivX®/MPEG-1, -2, -4/MP3/WMA Playback from USB Device
- DivX/MPEG-1, -2, -4/MP3/WMA Playback from CD/DVD
- MOSFET 50 W x 4
- RCA Preouts x 3 (2 V)

- 3-Band Graphic EQ (Bass/Mid/Treble)
- Pioneer TV Tuner Ready (GEX-1550DTV for RD Model/GEX-1550TV for RC and RI Models)*
- JPEG Slide Show from DVD/CD
- Back-Up Camera Ready
- Rotary Volume Control
- Display Off Mode
- RDS

* See page 7 for more details.

See page 10 for accessories.

ACCESSORIES & SPECIFICATIONS

Audio/Video Receiver Accessories

XDV-P650/XDV-P6

1-DIN Size 6-Disc DVD Player with Dolby® Digital and DTS Digital Out™

• Compatible with DVD-R/RW (Video mode) and CD-R/RW
• Built-in MPEG-1/-2 Decoder
• 96 kHz/24-bit D/A Converter
• Direct Control by AV Receiver
• External Control by Any IP-Bus Receiver
• Optical Digital Output (Dolby® Digital/DTS®/ Linear PCM)
• Analog IP-Bus Output
• Composite Video Output (Front & Rear)
• Graphic User Interface with OSD (On Screen Display)

XDV-P650

ND-BC6 NEW
Universal Rear View Camera

ND-BC20PA
ND-BC2 with Parking Assistant Feature

CD-VS33
Video Switcher

• Universal switcher with 3 A/V inputs, 3 video inputs, 2 headphone outputs with volume control and independent AV selector.

CD-MC20
Microphone for Auto EQ Frequency Band Fine-Tuning

GEX-1550DTV NEW
Digital TV Tuner for ISDB-T (RD Model)*

* See page 7 for more details.

GEX-1550TV NEW
Analog TV Tuner for PAL/SECAM/ NTSC (RC and RI Models)*

* See page 7 for more details.

Remote Controls

CD-SR110
Steering Wheel Remote Control for Bluetooth® Receivers

CD-SR100
Steering Wheel Remote Control

iPod Connectivity

CD-IH202 NEW
AppRadio Mode HDMI/USB Interface Cable for iPhone 5 or 5th Generation iPod touch

CD-IV202AV NEW
AppRadio Mode VGA/USB Interface Cable for iPhone 5 or 5th Generation iPod touch

CD-IU201S
AppRadio Mode USB Interface Cable for iPhone 4, iPhone 4S, or 4th Generation iPod touch (USB Cable: 50 cm/RGB Cable: 2 m)

CD-IU201V
USB Interface Cable for iPod/ iPhone (USB and AUX Cable: 50 cm/ AUX Extension Cable: 1.5 m)

CD-IU51V
USB Interface Cable for iPod/ iPhone (USB and AUX Cable: 50 cm)

CD-IU52 NEW
Lightning/USB Cable for iPhone 5 or 5th Generation iPod touch (50 cm)

CD-V150M
Mini-Jack Cable for iPod (1.5 m)
• For use with iPod and receiver with built-in AUX input.

Android Connectivity

CD-AH200 NEW
AppRadio Mode App Connectivity Kit for Android

Auxiliary Input Accessories

CD-U50E
USB Extension Cable (50 cm)

CD-RM10
AUX Mini-Plug to Composite A/V Cable (2 m)

Note: Accessories are for products that appear in the Dealer Reference Guide. Please refer to a Pioneer sales representative for up-to-date information.

Accessories Connection Table with AV Receivers

Made for iPod iPhone

		AVH-X8550BT	AVH-X5550BT / AVH-X2550BT / AVH-X7550BT	AVH-X4550DVD / AVH-X1550DVD / AVH-X6550DVD	AVH-3550DVD
iPod/iPhone	CD-IU201S	#1	#1	#1	
	CD-IU201V	•	•	•	•
	CD-IU52	#1	#1	#1	
	CD-IH202	#2			
	CD-IV202AV		#3		
Android	CD-AH200	#4			
Tuner#5	GEX-1550TV#6	•	•		
	GEX-1550DTV#6	•	•		
Back Up Camera	ND-BC5/ND-BC6	•	•	•	•
	ND-BC20PA	•	•	•	•
System	CD-MC20	•	•	•	
Remote Control#7	CD-SR110	•	•	•	•
	CD-SR100	•	•	•	•

Note: Some functions may be limited in terms of remote controllability, even if the receiver and remote control are denoted as compatible in the chart.

*1. Required when AppRadio Mode is in use with iPhone 4/4S or 4th generation iPod touch.
*2. Required when AppRadio Mode is in use with iPhone 5 or 5th generation iPod touch. Requires Apple® Lightning Digital AV Adapter and Apple® Lightning to USB Cable (sold separately).
*3. Required when AppRadio Mode is in use with iPhone 5 or 5th generation iPod touch. Requires Apple® Lightning to VGA Adapter and Apple® Lightning to USB Cable (sold separately).
*4. Required when AppRadio Mode is in use with Android phone.
*5. May not be compatible with certain receivers.
*6. GEX-1550DTV for RD Model. GEX-1550TV for RC and RI Models. See page 7 for more details.
*7. Not all functions can be operated using the remote control.

The Best Solutions To Enjoy iPod & Android

Made for iPod iPhone

Connection Table for iPod/iPhone with Pioneer Receivers

: Plays audio   : Plays audio and video

Model	Interface	Use with	iPhone*1 iPhone*2	iPhone 3G iPhone 3GS	iPhone 4 iPhone 4S	iPod 5th gen.	iPod classic 160GB (2007/2009) 120GB 80GB	iPod touch*1 1st gen.*2	2nd gen.	3rd gen.	4th gen.	iPod nano 1st/ 2nd gen.	3rd gen.	4th gen.	5th gen.	6th gen.
AVH-X8550BT/AVH-X5550BT/ AVH-X4550DVD/AVH-X2550BT/ AVH-X1550DVD/AVH-X7550BT/ AVH-X6550DVD	USB Direct Connection for Video, Music and AppRadio Mode	CD-IU201S*3														
	USB Direct Connection for Video and Music	CD-IU201V														
AVH-3550DVD	AUX	3.5 mm AUX Cable														

• Operations may vary depending on the software version of iPod.
• Depending on the generation or version of the iPod, some functions can not be operated.
• Please contact Pioneer Support Center for more details regarding connection.

*1. When an error occurs in connection with iPod/iPhone, switching ACC ON/OFF or reloading the iPod may help recovery.
*2. Version 2.0 or later software is required when operating the receiver to browse video.
*3. When AppRadio Mode is in use. AppRadio App is available from iTunes® App Store. Please use in Internet connection situations. AppRadio App & Compatible Apps may not be available in some countries.

For iPhone 5, 5th generation iPod touch, and 7th generation iPod nano

: Plays audio   : Plays audio and video

Model	Interface	Use with	iPhone iPhone 5	iPod touch 5th gen.	iPod nano 7th gen.
AVH-X8550BT	HDMI/USB Direct Connection for Video, Music and AppRadio Mode	CD-IH202*1 *3			
	USB Direct Connection for Music	CD-IU52			
AVH-X5550BT/AVH-X2550BT/AVH-X7550BT	VGA/USB Direct Connection for Video, Music and AppRadio Mode	CD-IV202AV*2 *3			
	USB Direct Connection for Music	CD-IU52			
AVH-X4550DVD/AVH-X1550DVD/AVH-X6550DVD	USB Direct Connection for Music	CD-IU52			
AVH-3550DVD	AUX	3.5 mm AUX Cable			

*1. Requires Apple® Lightning Digital AV Adapter and Apple® Lightning to USB Cable (sold separately).
*2. Requires Apple® Lightning to VGA Adapter and Apple® Lightning to USB Cable (sold separately).
*3. When AppRadio Mode is in use. AppRadio App is available from iTunes App Store. Please use in Internet connection situations. AppRadio App & Compatible Apps may not be available in some countries.

Connection Table for Android Devices with Pioneer Receivers

Smartphone Compatible

: Plays audio   : Plays audio and video

Model	CD-AH200*1 Smartphone Compatible	Connection via Bluetooth®*2	AUX IN
AVH-X8550BT			
AVH-X5550BT/AVH-X2550BT/AVH-X7550BT			
AVH-X4550DVD/AVH-X1550DVD/AVH-X6550DVD/AVH-3550DVD			

*1. When AppRadio Mode is in use. AppRadio App is available from iTunes App Store. Please use in Internet connection situations. AppRadio App & Compatible Apps may not be available in some countries.
*2. Audio is transmitted via A2DP (Advanced Audio Distribution Profile). Audio is controlled via AVRCP (Audio/Video Remote Control Profile) and limited accordingly.

AV Receivers Features Comparison

Display Section	AVH-X8550BT	AVH-X7550BT	AVH-X6550DVD	AVH-3550DVD
Screen Size/Aspect Ratio	7"/16:9	7"/16:9	7"/16:9	7"/16:9
Resolution	VGA (800 x 480)	VGA (800 x 480)	VGA (800 x 480)	VGA (800 x 480)
Advanced Display Resolution (ADR)	x			
LED Backlight	x	x	x	x
Background Picture and Video	4 BGP, 2 BGV	4 BGP, 2 BGV	4 BGP, 2 BGV	1 BGP
Spectrum Analyzer	x	x	x	x
AG (Anti-Glare) Screen Coating	x	x	x	x
Touch Panel Operation	x	x	x	x
Motorized Display	x	x	x	x
Selected Angle Setting	0 to 22 Degrees	50 to 100 Degrees	50 to 100 Degrees	50 to 100 Degrees
Automatic Display Positioning	x	x	x	x
CD/DVD/Bluetooth®/iPod/Android/USB/SD Memory Card Control/Media Playback Section				
Disc Capacity	1	1	1	1
CD-R/RW, DVD-R/RW Compatible	x	x	x	x
Built-in Bluetooth*1	HFP/A2DP/AVRCP/ SSP/SPP	HFP/A2DP/AVRCP/ SSP/SPP		
App Mode	x	x	x	
Direct Control for iPod/iPhone (Audio/ Video)*2	x	x	x	
AppRadio Mode*3	x	x	x	
Link Search	x	x	x	
Direct Control for Certain Android Phones*4	x			
SD/SDHC Memory Card Slot	x			
USB Port*5 (1 A)	Rear x 2	Rear	Rear	Front
AUX Input (3.5 mm mini-jack)	Rear (Audio/Video)	Rear (Audio/Video)	Rear (Audio/Video)	Front (Audio/Video)
HDMI Input	x			
DVD Video Playback	x	x	x	x
Music CD Playback	x	x	x	x
Video CD Playback	x	x	x	x
MP3/WMA/iTunes® AAC Playback on CD/DVD	x	x	x	x (MP3/WMA)
JPEG Image File Playback on CD/DVD	x			
DivX® Video File Playback on CD/DVD	x	x	x	x
MP3/WMA/iTunes AAC/WAV Playback from USB Device/SD Memory Card	USB/SD	USB	USB	USB (MP3/WMA)
H.264/WMV Playback from USB Device/SD Memory Card	x			
DivX Video File Playback from USB Device/ SD Memory Card	USB/SD			USB
MPEG-1/-2/-4 Decoder	x*6	MPEG-1/-2*7	MPEG-1/-2*7	x
Linear PCM Decoder	x	x	x	x
Dolby® Digital Decoder	x	x	x	x
DVD Chapter/Title/Time Direct Search	x	x	x	x
DVD Chapter/Title Repeat	x	x	x	x
DVD Auto Play	x	x	x	x
VCD Playback Control	x	x	x	x
Repeat (Disc/Track)	x	x	x	x
Tuner Section				
Supertuner® IIID	x	x	x	
6 Presets	24 Stations	24 Stations	24 Stations	24 Stations
BSM (Best Stations Memory)	x	x	x	x
Local Seek Tuning	x	x	x	x
RDS	x	x	x	x

Audio Section	AVH-X8550BT	AVH-X7550BT	AVH-X6550DVD	AVH-3550DVD
Built-in Amplifier	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4
Hi-Volt RCA Preouts	3 (4 V)	3 (4 V)	3 (4 V)	
RCA Preouts				3 (2 V)
D/A Converter	96 kHz/24-bit	96 kHz/24-bit	96 kHz/24-bit	96 kHz/24-bit
Auto EQ (CD-MC20 Required)	x	x	x	
Sonic Center Control	x		x	
Equalizer	8-Band Graphic	8-Band Graphic	8-Band Graphic	Bass/Mid/Treble
Crossover Network	HPF/LPF	HPF/LPF	HPF/LPF	LPF
Advanced Sound Retriever	x	x	x	
Subwoofer Control	x	x	x	x
MIXTRAX Section				
MIXTRAX®*	x			
MIXTRAX EZ**	x	x	x	
Flashing Color		x	x	
Display Visualizer	x	x	x	
Album Jacket Dance	x			
General				
Pioneer TV Tuner Ready*10 (GEX-1550DTV/ GEX-1550TV)*11	x	x	x	x
Rear-View Camera Input*12	x	x	x	x
Composite A/V Input	1 (Audio/Video)	1 (Audio/Video)	1 (Audio/Video)	1 (Audio/Video)
Composite Video Output	1	1	1	1
RGB Input	x	x	x	x*13
Dual Zone Audio/Video	x			
Color Customization	5-Display Colors 112-Key Colors	5-Display Colors 112-Key Colors	5-Display Colors 112-Key Colors	Single Color (Red)
Display Off Mode	x	x	x	x
JPEG Slide Show from DVD/CD*14	x			
Multi-Language Display	Menu/ID3 Tag*15	Menu/ID3 Tag*15	Menu/ID3 Tag*15	Menu/ID3 Tag (English/Spanish/ Portuguese/Russian)
Rotary Volume Control		x	x	
Wired Remote Input	x	x	x	x*16
Remote Control	x	x	x	x
Detachable Face Security™	x	x	x	x

*1 HFP = Hands-Free Profile, A2DP = Advanced Audio Distribution Profile, AVRCP = Audio/Video Remote Control Profile (version 1.3), SSP = Secure Simple Profile, SPP = Serial Port Profile. Please refer to instruction manual for other information about profile compatibility.
*2 Optional cable required. Please refer to page 10 for compatible cable information.
*3 Optional cable required when AppRadio Mode is in use.
*4 Not all Android phones are compatible.
*5 Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using receiver.
*6 MPEG-1/-2 is not compatible with USB Device and SD Memory Card.
*7 Compatible with CD and DVD.
*8 Compatible with full-featured Non-Stop Mix Play based on data from music analysis performed using MIXTRAX software. Compatible sources: USB Device and SD Memory Card.
*9 Quick, easy, accessible Non-Stop Mix Play without music analysis data from MIXTRAX software. Compatible sources: iPod, iPhone, USB Device and SD Memory Card.
*10 Respective cables for Pioneer TV tuner and AppRadio Mode connection cannot be simultaneously connected to AV receiver.
*11 GEX-1550DTV for RD Model. GEX-1550TV for RC and RI Models. See page 7 for more details.
*12 Use input only for reverse or mirror image rear view camera. Other use may result in injury or damage.
*13 Only for TV tuner.
*14 JPEG files are displayed automatically as a slideshow.
*15 Usable language differs according to region. Please see page 7 for more details.
*16 Available for Steering Wired Remote Control. Optional adapter required.