

**Pioneer** *sound.vision.soul*

**PREMIER**

Immerse Yourself

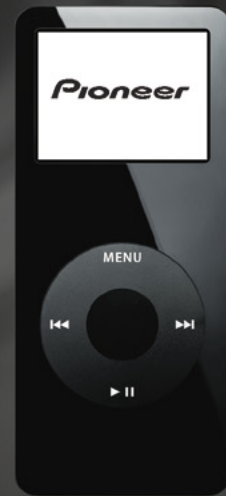
AUDIO | VISUAL | NAVIGATION

MOBILE ENTERTAINMENT 2007



## INSPIRING CLARITY ▾

Listen to your music as it was intended to be heard, with powerful and crystal clear sound. Sound so precise and detailed, every song can virtually transform into an emotional, live performance - right in your driver's seat.



## GET MORE MUSIC ▲

Integrate the power of your iPod® into the driver's seat with a simple direct connection. Take control of your iPod with intuitive, fast controls and large, easy-to-read displays. Or quickly load your favorite tunes using the USB port on your head unit.



## COMPLEMENT YOUR CAR ▶

Your car is unique. Now your Navigation system can be too. Customize your screen and display illuminations by choosing from eight preset colors and five graphical user interface colors. Change it to suit your car or your lifestyle.

## REACH FURTHER ▶

With nearly 12 million points of interest at your fingertips, you can explore new restaurants, theaters and much more. Turn-by-turn directions and detailed maps will help you get to your destination easier.



# Immerse Yourself

IN FULL SOUND, VISION, AND SOUL.

## HANDS-FREE CALLING ▲

Stay connected to the world around you without taking your hands off the wheel. Safely make and receive calls through your head unit and car speakers via your Bluetooth® enabled cell phone.



04 Find Your Way  
NAVIGATION



10 Be Entertained  
AUDIO/VIDEO



16 Take Control  
SINGLE CD



24 Feel the Power  
AMPLIFIERS & SUBWOOFERS



32 Sublime Sound  
SPEAKERS



# Find Your Way

Pioneer makes it easier than ever to find your way. With a navigation database of nearly 12 million points of interest, detailed maps and turn-by-turn directions, you'll be able to find an Italian restaurant, the closest gas station, or even discover a new favorite hangout. While you're on the road, enjoy features like satellite radio, Bluetooth Wireless Technology, or easily plug in your Apple iPod®. Pioneer's all-in-one in-dash navigation systems have everything you need, at the touch of a button.



## Navigation

### Easy Touch Panel Operation



The large, anti-glare displays are clear and the touch panel provides simple, intuitive control.



### More Mapping Detail



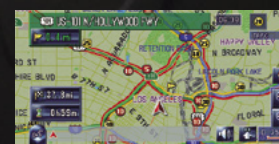
POI Search by Category (with POI Shortcut Keys)

Massive Tele Atlas database includes all of the U.S., Canada, Alaska and Hawaii. Easily find destinations from the 12 million Points of Interest, which include Restaurants, Hotels, Gas Stations and much more.



### Live Traffic on Your Map

Get detailed traffic information from XM NavTraffic™. Reroute around traffic incidents or slow traffic while on the go. XM NAVTRAFFIC



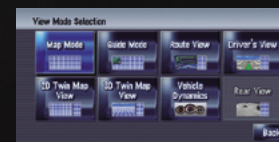
Icons along the road indicate average speed.

### GEX-P10XMT

XM NavTraffic™ Digital Satellite Tuner for Pioneer Navigation Systems



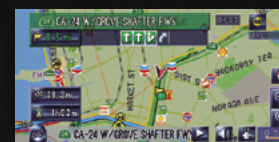
### Multiple Displays\*



View Mode Selection



Route View Mode



Map View Mode



3D Twin Map View Mode (AVIC-Z2 only)

\* AVIC-Z2 Displays Shown



Driver's View Mode (3D Icon display is AVIC-Z2 only)

### Stay Safe with Roadside Assistance

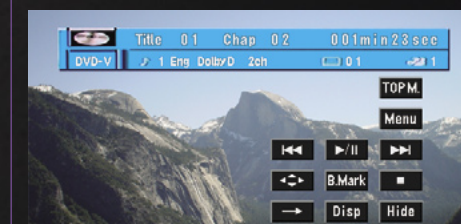


One year of Free Road Assistance provides peace of mind at all times.

## Audio/Video

### The DVD Power Trip

Enjoy music, movies, MP3 and more on either DVD or CD.



### Jack in Your iPod®\*

Connect and control your iPod® with crystal-clear sound. Compatible with iPod® Audio, Video and Podcast.



\* AVIC-D3 Only.



### Cut the Wires with Bluetooth®\*

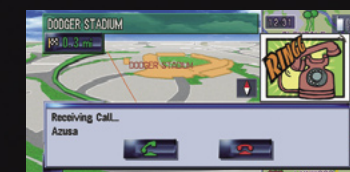
Hands-Free operation of your compatible Bluetooth cellular phone.



\* AVIC-Z2 and AVIC-D3 Only.



AVIC-Z2 Displays Shown.



### Satellite Radio Ready

Get Sirius or XM Radio, and enjoy hundreds of digital music, news and entertainment channels.



\* Digital Satellite Tuner Required.



XM Satellite Radio Control Screen.



# AVIC-Z2

Double-DIN HDD Navigation System with 7-inch Motorized, Touch Panel Display, DVD Playback with "Dual-Zone" Function, Bluetooth Adapter Ready, and HDD Music Library with Multi-Language Voice Control **NEW**



Voice recognition mic. included



Built-in 30 GB HDD

Accessories

- GEX-P10XMT XM NavTraffic™ Digital Satellite Tuner
- ND-BT1 Bluetooth Wireless Adapter
- CD-IB100II iPod® Interface Adapter
- ND-BC2 Universal Rear View Camera
- CD-SR1 Steering Remote
- SIR-PNR2 SIRIUS Digital Satellite Radio Tuner

# AVIC-D3

Double-DIN DVD Memory Navigation System with 6.1-inch Touch Panel Display, DVD Playback and Bluetooth Adapter Ready **NEW**



West Coast Disc East Coast Disc

Accessories

- GEX-P10XMT XM NavTraffic™ Digital Satellite Tuner
- CD-BTB200 Bluetooth Wireless Adapter
- CD-I200 Interface Cable for iPod®
- ND-BC2 Universal Rear View Camera
- CD-R55 Remote Control
- SIR-PNR2 SIRIUS Digital Satellite Radio Tuner
- CD-RM10 AUX Input-Video

## Navigation

### The Intelligent Navigation Solution

The 30 GB hard disk drive (HDD) is the foundation for Pioneer's fastest and most advanced navigation system. The large 7-inch screen shows a high-resolution map, and the motorized front panel hides the DVD player slot.

### Route Learning Capability

The system learns from your actual driving habits, and will adjust routes to use your preferred roads.

### Smart Routing Algorithm

The AVIC-Z2 analyzes and assesses detailed road data to create faster, more efficient routes.

### Advanced Voice Recognition with Larger Vocabulary

Full address searches can be done by saying the city name, street name, and house number.

### Enhanced Voice Guidance

Spoken route instructions are played clearly through the system speakers, including actual street names.

### Stay on the Fast Track

Pioneer navigation systems with XM NavTraffic™ (by subscription) monitor certain traffic flows, and offer alternate routes away from accidents and obstacles.

\* Requires use of GEX-P10XMT.



## Audio/Video

### HDD Music Library with Voice Command

Quickly rip and store your music to the built-in HDD at 4x speed. Access your stored music at any time via touch panel or voice control.



### Built-In DVD and CD Player

Enjoy DVDs and CDs, among a wide variety of audio-visual media sources.



### iPod® Adapter Ready

Pioneer iPod® Adapter Ready navigation systems make iPod® or iPod nano control and playback easy.

\* Requires use of CD-IB100II.

### Bluetooth Wireless Technology

Hands-free calling puts your voice in command from start to end of in-car phone conversations.

\* Requires use of ND-BT1.



## What's New for 2007

### New 3D Landmark Icons and Updated POI Icons

Airport, Amusement park, Golf course, Stadium and Zoo landmark icons appear in 3D on the 7-inch-wide screen. POI icons appear en route.



### Traffic Icons & Traffic Flow Lines

Clearly display traffic conditions of a 1-2.5-mile area for maximum navigation efficiency.

### Bluetooth Voice Operation

Simply say "Call..." followed by the name of someone who you have listed in the built-in hard disk drive's Phone Book, and the call will be made automatically.

\* Requires use of ND-BT1.



## Navigation

### DVD Memory Navigation

Load a route, then eject the navigation disc to put in a CD or DVD for simultaneous navigation and entertainment.



### 6.1" Touch Panel Display

Touch icons to navigate menus, plot routes, or change map views instantly.



### Easily Find Your Destination

12 million Points of Interest database means you can easily find that coffee shop, service center, or restaurant. Even search for businesses by phone number.



More information can be found at [www.pioneerelectronics.com](http://www.pioneerelectronics.com)

## Audio/Video

### DVD Video, DivX® and More

Play your MP3, WMA, iTunes® AAC and even DivX® files on either CD or DVD.



### iPod® Direct Connection\*

Fast and easy control of your iPod® with the touch screen. Compatible with iPod® Audio, Video\*\* and Podcast.



\* Requires use of CD-I200.

\*\* Use iPod® for full-operation.



### Front Panel AV Mini Jack

Quickly connect any portable player, with both audio and video\* capability.

\* Requires use of CD-RM10.

### Bluetooth Wireless Technology

• Wireless Audio Streaming and Control (A2DP, AVRCP)  
• Hands-Free Calling: Make and accept phone calls, talk and hang up without touching your phone.

\* Requires use of CD-BTB200.



## Seamless Integration

### Mix or Match Your Colors

Multi-color key illumination and screen setting.



### Factory-Style Design

A large rotary volume knob and buttons provide easy, comfortable use.



## IN-DASH DVD MULTIMEDIA NAVIGATION SYSTEM

### AVIC-N3

DVD Memory Navigation System with 6.5-inch Motorized, Touch Panel Display, and DVD Playback with "Dual-Zone" Function



### CD-VC1

Voice Command Pack

Package includes voice recognition mic and steering wheel remote. For use only with AVIC-N3 and AVIC-N2.

## PORTABLE SMART GPS NAVIGATION

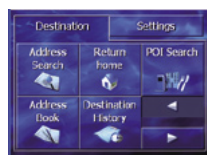
### AVIC-S1

Portable Smart GPS Navigation with 3.5-inch Touch Panel Display, 2 GB Flash Memory, Bluetooth® Wireless Technology, and Scroll Wheel



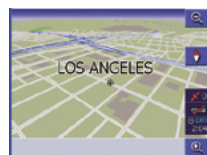
### Compact, Versatile, and Easy-to-Use

The pocket-sized portable navigation system provides reliable route guidance with a host of advanced functions for superb convenience and ease of use. Stylishly thin, it is easy to move from car-to-car or to take with on trips. The built-in SiRF Star III GPS and antenna provide fast and accurate positioning, and the rechargeable battery can run 4 hours between charges.



### Map Data Coverage of U.S. and Canada

The 2 GB Flash Memory contains the map data of entire US and Canada. Just unpack and use it—no PC connection is needed for startup.



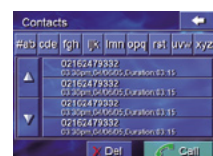
### Multiple Search Functions

Quickly set a destination by address, zip code, destination history, and more. Search for a gas station, restaurant or coffee shop using the POI Search — destinations are sorted into categories for short-cut searches, or use the touch screen to type in the name.



### Built-in Bluetooth® Wireless Technology

Hands-free talking on a compatible cellular phone is available. The built-in microphone and speaker allow you to make and receive phone calls hands-free while you drive.



	AVIC-Z2	AVIC-D3	AVIC-N3
<b>Display Section</b>			
TFT Active Matrix LCD Color Screen (16:9 Wide)	7"	6.1"	6.5"
Sub-Display (10-Character)			x
AG (Anti-Glare) Coated LCD Color Screen	x	x	x
Picture Adjustment	x	x	x
Touch Panel Operation	x	x	x
Fully Motorized Unit with Display Angle Adjustment	x		x
Automatic Display Positioning	x		x
Intelligent Dimmer Control			x
<b>Navigation Section</b>			
Type	HDD	DVD	DVD
Map Data	HDD	DVD-ROM	DVD-ROM
Coverage Area	US, Canada, Alaska, Hawaii	US, Canada, Alaska, Hawaii	US, Canada, Alaska, Hawaii
Memory Navigation Mode	Not Required	x	x
Home Area Map Memory	Not Required	x	Corridor/Rectangle
Learning Capability	x		
Smart Routing Algorithm	x		
3D Hybrid Sensor (Gyro & G-Force)	x	x	x
Voice Control (Voice Recognition)	Advanced		x (w/CD-VC1)
Points of Interest (POI)	Approx. 12 Million	Approx. 12 Million	Approx. 12 Million
Brand Icon POI's	Included	Included	Included
POI Database Categories	340	271	271
Detailed City Map	60 Cities		23 Cities
XM NavTraffic™ Ready <sup>†</sup>	x	x	x
Roadside Assistance Display	x	x	x
1-Year Roadside Assistance	x	x	x
Display Modes	8	5	6
3D Map and 3D Icons	x		
Vehicle Dynamics Display (VDD)	Included	Included	Included
Vehicle Dynamics Skins	3	5	5
VDD Gauge Selections	8	7	7
<b>DVD/CD Player Section</b>			
DVD-Video Playback	x	x	x
DVD-R/RW (Video Format) Playback	x	x	x
CD-R/RW Playback	x	x	x
MP3 Playback with ID3 Tag <sup>*1</sup>	CD	DVD/CD	CD
WMA (Windows Media® Audio) Playback <sup>*1</sup>		DVD/CD	
iTunes® AAC Playback		DVD/CD	
DivX® Video Playback		DVD/CD	
DVD Chapter/Title Direct Search	x	x	x
DVD Chapter/Title/Disc Repeat	x	x	x
Condition Memory (30 Discs)	x		x
CD Scan	x	x	x
CD Repeat/Random	x	x	x
CD Text	x	x	x

\*1 With CD-ROM and CD-R/RW discs

\*2 iPod is for legal or rightholder-authorized copying only. Don't steal music. iPod and iTunes are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.

\*3 Use iPod® for full-operation.

\*4 With GEX-P5700TV

\*5 CD-RB10/CD-RB20 required

\*6 For use with GEX-P5700TV

\*7 For use with GEX-P5700TV or XDV-P6 (CD-AB50 required for XDV-P6)

\*8 Use input only for reverse or mirror image rear view camera. Other use may result in injury or damage.

\*9 Camera not included

† Requires XM NavTraffic™ service subscriptions sold separately.

XM Satellite Radio Subscription required — service is available only in the 48 Continental U.S. states (not available in Alaska, Hawaii, or U.S. territories).

Satellite radio reception depends on the ability of the antenna to receive a signal. The signal may not be available in buildings or if obstructed (e.g., by mountains, trees, bridges, etc.).

‡ The XM name and related logos are trademarks of XM Satellite Radio Inc.

‡‡ SIRIUS Satellite Radio is a subscription service not affiliated with Pioneer Electronics. Activation required through SIRIUS.

The SIRIUS name and related logos are trademarks of SIRIUS.

### CNDV-700HD

HDD Navigation Upgrade Disc



Upgrade for Pioneer HDD Navigation System (AVIC-Z1). Includes 2007 model year map database.

### CNDV-60MP

Touch Panel Navigation Upgrade Disc

Upgrade Disc for Pioneer Touch Panel Navigation Systems. Includes 2006 model year map database. Compatible with AVIC-N2, AVIC-D1 and AVIC-N1.

### CNDV-50MTP

Touch Panel Navigation Upgrade Disc

Upgrade Disc for Pioneer Touch Panel Stand-Alone Navigation Systems. Includes 2005 model year map database. Compatible with AVIC-88DVD, AVIC-80DVD, AVIC-90DVD and AVIC-9DVD.



# AVH-P7800DVD

6.1-Channel In-Dash Multimedia AV Receiver with 7" Wide Screen WVGA Display



- 7" Touch panel Display with WVGA Resolution
- DVD Audio and DVD Video Playback
- iTunes® AAC/MP3/WMA Playback from CD or DVD
- DivX® Video Playback from CD or DVD
- Dual-Motorized Design with 10-character Subdisplay
- MOSFET50 W x 8
- Hi-Volt Preouts x 9 ch. (5.0 V)
- Built-in Multi-Channel DSP
- Multi-Channel Auto-EQ/Auto-Time Alignment
- Bluetooth Adapter Ready (CD-BTB200 Required)
- iPod® Adapter Ready (CD-IB100II Required)
- XM-/Sirius-Ready
- Built-in AUX Input (Rear)



## 7" Widescreen LCD with WVGA Resolution

The 7" widescreen LCD of the AVH-P7800DVD offers pictures in the WVGA (800 x 480 x 3) format, which can display the full resolution of DVD movies. Entertain your passengers with the best picture quality possible!

## DivX® Movies, JPEGs, WMAs, and More — Play a Wide Variety of PC Files from Both CDs and DVDs!

The AVH-P7800DVD lets you enjoy an extensive range of PC files on board. It can play MP3, WMA, and AAC compressed music files burned on CDs, or even on large-capacity (in comparison to 650MB CDs) 4.7G DVDs, which can contain approximately 1,000 songs per disc. In addition to music files, the receiver can also show JPEG digital still photos from CDs on the wide 7" screen. Plus, the AVH-P7800DVD\*\* is Pioneer's first in-car AV receiver that allows playback of DivX® video files — also from CDs or DVDs. DivX® is the world's most popular compressed digital video format, which ensures a high compression rate and fast transfer speed without

appreciably compromising the picture quality. Create a DivX® movie on your PC, burn it to a disc, and play it onboard on the Pioneer in-car AV receiver.

\* DivX, DivX Certified, and associated logos are trademarks of DivXNetworks, Inc. and are used under license.

\*\* Official DivX® Certified Product. Plays DivX® 5, DivX® 4, DivX® 3, and DivX® VOD video content.

## Compatible with a Wide Range of Surround Formats

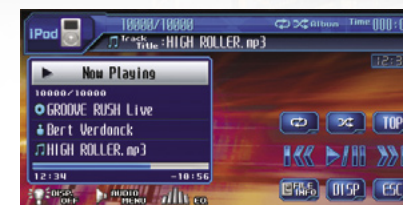
The AVH-P7800DVD is Pioneer's first 6.1-channel in-car DVD receiver, and it lets you enjoy an extensive variety of multi-channel surround formats. It is compatible with DTS 96/24, which allows high-quality 96kHz 24-bit sound playback in multi-channel formats from ordinary DVD-Video recordings. The AVH-P7800DVD can also decode 6.1-channel software in DTS-ES and Dolby Digital EX. The added surround back channel allows more detailed imaging and finer sound localization. A theater-like ambience is also provided by the ordinary two-channel sources, thanks to DTS NEO:6 compatibility. In addition, Dolby Pro Logic II delivers 5.1-channel surround sound from stereo sources, including one mode specialized for music and another for movies.

# AVH-P6800DVD

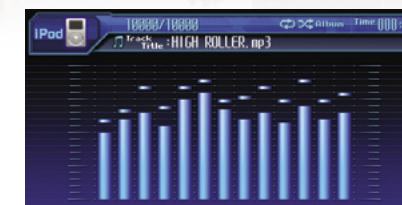
In-Dash Double-DIN DVD Multimedia AV Receiver with 7" Widescreen Display and 6 DVD Changer



- 7" Motorized Touch panel Display
- 6-Disc DVD/CD Player with DVD Video Playback
- MP3/WMA Playback from CD
- MOSFET50 W x 4
- Hi-Volt Preouts x 3 (4.0 V)
- 3-Band Parametric EQ
- Bluetooth Adapter Ready (CD-BTB200 Required)
- iPod® Adapter Ready (CD-IB100II Required)
- XM-/Sirius-Ready
- Built-in AUX Input (Rear)



iPod Control Screen with Keys and Song Information



Level Meter



Analog and Digital Clocks



Animated Background Image

## 6-DVD Changer for Non-Stop Entertainment

The AVH-P6800DVD comes with a 6-disc changer for non-stop movie/music entertainment. For example, you can slot in your kids' favorite DVDs and keep them entertained without frequent disc changes.

## Touch-Panel Control of Many Different External Units

The AVH-P6800DVD lets you control a wide variety of external units with an easy-to-use touch panel — including iPods®, XM Satellite Radio tuners, SIRIUS Satellite Radio tuners, or cellular phones with Bluetooth

wireless technology (connected via optional adapters). The keys and icons are even more intuitive and friendly for the eyes, ensuring further convenience and driving safety.

## Enhanced iPod® Control

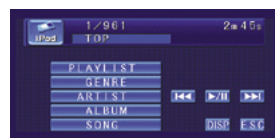
The AVH-P6800DVD permits touch-panel operations of your iPod® connected to the unit via optional CD-IB100II iPod® Adapter. Play back your music files from PC through your in-car audio system with a multitude of convenient functions (see pages 14 and 15 for details).



# AVH-P4900DVD

In-Dash DVD Multimedia AV Receiver with 6.5" Widescreen Display

NEW



iPod Control Screen

DVD Function Menu Screen

- 6.5" Motorized Touch panel Display
- DVD/CD Player with DVD Video Playback
- MP3/WMA Playback from CD
- MOSFET50 W x 4
- RCA Preouts x 2
- 3-Band Parametric EQ
- iPod® Adapter Ready (CD-IB100II Required)
- XM-/Sirius-Ready
- Optional Remote Control (CD-R55)

## CD-R55

Remote Control (Optional)

NEW

Optional Remote Control for hands-free, wireless control of your AVH-P4900DVD. Also compatible with AVIC-D3.



# DVH-P5000MP

DVD Receiver with Dual Zone Capability



### DVD PLAYER FEATURES:

- DVD-R/RW, CD-R/RW Compatible
- MP3 CD-ROM Playback
- 96 kHz/24-bit D/A Converter (DVD)
- Optical Digital Output for DEQ-P8000 Multi-Channel Audio Processor (Dolby® Digital/DTS™/Dolby Pro Logic)
- Composite Video Output (Front + Rear)
- RCA Audio Output (Rear)
- Dual Zone (Two Different Sources) Operation for Front and Rear

### RECEIVER FEATURES:

- Multi-Color LED Display
- RCA Audio Preouts x 2 Pair (Front & Rear or Subwoofer) (2 V)
- IP-Bus System Control (XM Satellite Radio, TV Tuner, DEQ-P8000, MCD or Auxiliary Unit Control)
- Full Function DVH/DVD Card Remote Control

# XDV-P6

6-Disc DVD Player with Dolby® Digital/DTS™ Digital Output



### FEATURES:

- Compatible with DVD-R/RW (Video mode) and CD-R/RW
- Built-in MPEG2/1 Decoder
- 96 kHz/24-bit D/A Converter
- Direct Control by AV Receiver
- External Control by Any IP-Bus Headunit
- Optical Digital Output (Dolby® Digital/DTS™/Dolby Pro Logic/Linear PCM)
- Analog IP-Bus Output
- Composite Video Output (Front & Rear)
- Graphic User Interface with OSD (On Screen Display)

# AVG-VDP1

Real-Time Vehicle Dynamics Processor



### FEATURES:

- Displayed Information:
  - Vehicle Performance:** Speed, R.P.M., Lateral G Force, Acceleration, Torque (estimate), Horse Power (estimate), Slope Angle, Angular Velocity, Battery Voltage
  - Current Location:** Longitude & Latitude, Altitude, Direction, Direction to Destination, Distance to Destination

### Other Information:

- Date, Time, ODO Meter, Trip Meter, Level Meter, My Record
- Built-in Sensors: Gyroscope Sensor, G-Sensor, GPS Antenna, Speed Sensor
- Audio Input
- 26-pin RGB Output
- Speed Sensor Input
- Back Sensor Input
- Touch Panel Operation (in conjunction with AVH-P6800DVD)

# DEQ-P8000

Dolby® Digital/DTS™/Dolby Pro Logic II Audio Processor



### FEATURES:

- 5.1-Channel Multi Channel Audio Processor
- Sound Field Control (6 modes)
- Time Alignment & Speaker Set-up Mode
- 4.1-Channel Down Mixing Processor
- 1-Day Back-up Memory

# AXM-P8000

Audio Master Unit for Use with DEQ-P8000



### DVD PLAYER FEATURES:

- Universal Audio Controller for Use with DEQ-P8000 and AVX-P8DVD, Other DVD Receivers with Optical Digital Output, AVIC-Z1, AVIC-N3, or Other External Units
- IP-Bus System Control (DVD, MCD, MMD, Source CD, Source MD, Source TV, DEQ-P8000, or Auxiliary Unit Control)
- DVD Remote Control

	AVH-P7800DVD	AVH-P6800DVD	AVH-P4900DVD	DVH-P5000MP	XDV-P6
Display					
Screen Size/Aspect Ratio	7 inch/15:9	7 inch/16:9	6.5" inch/16:9		
Pixels	WVGA (800 x 480 x 3)	QVGA (480 x 234 x 3)	QVGA (480 x 234 x 3)		
Touch Panel Operation	x	x	x		
AG (Anti-Glare) Screen Coating	x	x	x		
Graphic User Interface	Hi-Grade VGA	Regular Grade	Basic Grade		
Background Picture	3 BGP, 3 BGV	3 BGP, 2 BGV	2 BGP, 1 BGV		
Spectrum Analyzer		2			
Visualizer		3			
Dimmer Control	Intelligent	x	Intelligent		
10 Character Sub Display	x				
Motorized Display	Dual Motorized Open/Close	Motorized Disc Access	Motorized Open/Close		
Selected Angle Setting	50 to 110 degrees	6 Settings	50 to 110 degrees		
Automatic Display Positioning	x	x	x		
DVD/CD Player					
Disc Capacity	1	6	1	1	6
DVD Audio	x				
DVD Video Playback	DVD, DVD-R/RW	DVD, DVD-R/RW	DVD, DVD-R/RW	DVD, DVD-R/RW	DVD, DVD-R/RW
CD Playback	CD, CD-R/RW	CD, CD-R/RW	CD, CD-R/RW	CD, CD-R/RW	CD, CD-R/RW
Video CD Playback	x	x	x	x	x
MP3 Compatible with ID3 Tag	CD-R/RW, DVD-R/RW	CD-R/RW	CD-R/RW	CD-R/RW	CD-R/RW
WMA Compatible with Text Information Display	CD-R/RW, DVD-R/RW	CD-R/RW	CD-R/RW		CD-R/RW
AAC Compatible with Text Information Display	CD-R/RW, DVD-R/RW				
JPEG Image Compatible	CD-R/RW				
DivX Video File Compatible	CD-R/RW, DVD-R/RW				
Linear PCM Decoder	x	x	x	x	x
Dolby Digital EX/Dolby Pro Logic II Decoder	x				
Dolby Digital Decoder	x				
DTS Digital Output	Built-in	x	x	x	x
MPEG 2/1 Decoder	x	x	x	x	x
Audio DAC	192 kHz/24-bit	96 kHz/24-bit	96 kHz/24-bit	96 kHz/24-bit	96 kHz/24-bit
Video DAC	10-bit	10-bit	10-bit	10-bit	10-bit
DVD Chapter/Title/Time Direct Search	x	x	x	x	x
DVD Chapter/Title Repeat	x	x	x	x	x
DVD Auto Play	x	x	x	x	x
VCD Playback Control	x	x	x	x	x
CD Track Direct Search					
CD Track Scan	x	x	x	x	x
Repeat (Disc/Track)	x	x	x	x	x
Disc Title Memory			x	x	x* 1</td
CD Text	x	x	x	x	x
Tuner Section					
Supertuner	Supertuner III D+	Supertuner III D	Supertuner III D	Supertuner III D	
24-Station/6-Button (18FM/6AM) Presets	x	x	x	x	
BSM (Best Stations Memory)	x	x	x	x	
Local Seek Tuning	x	x	x	x	
Audio Features					
Built-in Speaker Power	MOSFET 50 W x 8	MOSFET 50 W x 4	MOSFET 50 W x 4	MOSFET 50 W x 4	
Equalizer					
EQ (Easy EQ) Preset Equalizer		x	x	x	
2 Channel Equalizer Mode		3-Band Parametric EQ	3-Band Parametric EQ	3-Band Parametric EQ	
EQ-EX		x	x	x	
RCA Preouts	Hi-Volt (5 V)	Hi-Volt (4 V)	Regular (2.2 V)	Regular (2.2 V)	
9 Channel RCA Preouts	x				
Front, Rear, Subwoofer/Non-Fading		x	x		
Front, Rear/Subwoofer				x	
DSP (Digital Signal Processor)	Built-in	Optional	Optional	Optional	
Multi-Channel Auto EQ	x				
Auto Time Alignment	x				
Digital Listening Position Selector	x				
Network (Bi-Amp Front) Mode	x				
SLA (Source Level Adjuster)	Yes	Yes	Yes	Yes	
General					
IP-Bus Bluetooth Adapter Ready (CD-BTB200)	x	x			
XM Satellite Ready (GEX-P920XM)	Enhanced Touch	Enhanced Touch	Basic	Basic	
SIRIUS Radio Ready (SIR-PNR2)	Basic Touch	Basic Touch	External	Basic	
iPod® Adapter Ready*2 (CD-IB100II)	Enhanced Touch	Enhanced Touch	Enhanced Touch	External*3	
Multi-Channel Processor Ready (DEQ-P8000)		x	x	x*4	
Source TV Tuner Control (GEX-P5700TV)	x	x	x	x	
Source DVD Control (XDV-P6)	x	External	x	x	
RGB Input (AVG-VDP1)		x			
A/V Bus Input	x*5	x*5	x*5		Output
Built-in AUX Input	x	x			
AUX Input by CD-RB10/20	x	x	x	x	
Rear-View Camera Input*6	x	x	x	x	
Composite A/V Input	1 (AV1)	1 (AV1)	1 (AV1)		
Composite A/V Output	1 (Rear Out)	1 (Rear Out)	Rear Video Only	2 (Front, Rear)	2 (Front, Rear)
Dual Zone Audio/Video	x			x	
Detachable Face Security™	x		x	x	
Remote Control	DVD Control Card	DVD Control Card	Optional (CD-R5)	DVD Control Card	DVD Control Card
Rotary Volume Control	x			x	

\*1 Availability depends on the connected unit.

\*2 iPod is for legal or rightholder-authorized copying only. Don't steal music. iPod and iTunes are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.

\*3 Up to 8 characters can be displayed.

\*4 There are some functionality limitations.

\*5 For use with GEX-P5700TV or XDV-P6.

\*6 Use input only for reverse or mirror image rear view camera. Other use may result in injury or damage.

About DualDisc Playback: The DVD content side of most DualDiscs will play in most Pioneer car DVD players including HDD/DVD navigation systems. Please use a Pioneer DVD Audio player to play DVD-Audio content on DualDisc. Please note that the insertion or ejection of a DualDisc into/from Pioneer's DVD products is likely to cause scratches to the surface of the DualDisc. Scratched discs may not play. A DualDisc could get stuck in and may not be able to be removed from certain Pioneer products. For car slot-in type DVD players including car navigation systems, there is a possibility of mechanical jam. The non-DVD side of a DualDisc is not compliant with the Compact Disc Digital Audio Specification. Accordingly, the non-DVD side of a DualDisc may not play in Pioneer products.



# Connect With Your Portable

What you can do with.....

	Any Portable AUX Input	Full iPod® Control iPod®	Control USB Flash Memory† USB Mass Storage Class	Bluetooth Hands-Free Mobile phone
<b>NAVIGATION</b>				
AVIC-Z2		CD-IB100 II	CD-UB100*	ND-BT1
AVIC-D3	Built-In	CD-I200	CD-UB100*	CD-BTB200
AVIC-N3		CD-IB100 II	CD-UB100*	
<b>AUDIO/VIDEO</b>				
AVH-P7800DVD	Built-In	CD-IB100 II	CD-UB100*	CD-BTB200
AVH-P6800DVD	Built-In	CD-IB100 II	CD-UB100*	CD-BTB200
AVH-P4900DVD		CD-IB100 II	CD-UB100*	CD-BTB200*
<b>CD RECEIVERS</b>				
DEH-P980BT	Built-In	CD-IB100 II	CD-UB100*	Built-In
DEH-P880PRS	Built-In	CD-IB100 II	CD-UB100*	CD-BTB200
DEH-P790BT	Built-In	Built-In	CD-UB100	Built-In
DEH-P690UB	Built-In	Built-In††	Built-In	CD-BTB200
DEH-P590IB	Built-In	Built-In	CD-UB100	CD-BTB200
DEH-P490IB	Built-In	Built-In	CD-UB100	CD-BTB200**
DEH-P390MP	Built-In	CD-IB100II	CD-UB100*	CD-BTB200*
DEH-P2900MP	Built-In	CD-IB100I*	CD-UB100*	CD-BTB200*
DEH-1900MP	Built-In			

† Not every device is compatible. See more details in Pioneer website. Compatible with MSC (Mass Storage Class).  
Not compatible with DRM (Digital Rights Management) contents.  
†† Compatible with iPod® (5th generation or later/Firmware Version 1.2 or later/iPod nano Version 1.2 or later).  
A 3rd or 4th generation iPod® requires CD-IB100II.

\* External control  
\*\* Some functions may be limited using CD-BTB200.

## CD-I200 NEW


**Interface Cable for iPod®**  
Directly connect an iPod nano or iPod® to the headunit to control menus and songs in the iPod®, including the latest shuffle function, via the headunit interface. It's as quick and easy as manipulating the iPod® itself.



Made for iPod

## CD-IB100II

**iPod® Interface Adapter**  
Use this dedicated adapter to connect a compatible Pioneer iPod® adapter-ready headunit to an iPod®, and use the touch panel or soft keys for direct playback of tunes and control of text display, search, repeat playback and "Shuffle Songs" functions.



Made for iPod

## CD-BTB200 NEW

**Bluetooth Wireless Adapter**  
For optimal convenience and driving safety, Bluetooth wireless technology allows certain Pioneer headunits to communicate automatically with and treat most compatible cellular phones as source devices within a given range. Simply set up a user ID, and you can make and take calls, use call waiting, talk, and hang up — all without touching a thing.



Bluetooth

CD-BTB200: For use with AVIC-D3, AVH-P7800DVD, AVH-P6800DVD, AVH-P4900DVD, DEH-P880PRS, DEH-P690UB, DEH-P590IB, DEH-P490IB, DEH-P390MP, DEH-P2900MP  
ND-BT1: For use with AVIC-Z2

## ND-BT1

**Bluetooth Wireless Adapter**



## CD-UB100 NEW

**IP-Bus USB Adapter**  
This adapter makes it easy to expand a listening library by connecting a headunit to a portable digital player or USB memory device to gain convenient access to digital music files that have been compiled and edited on a PC, then transferred to the portable device.

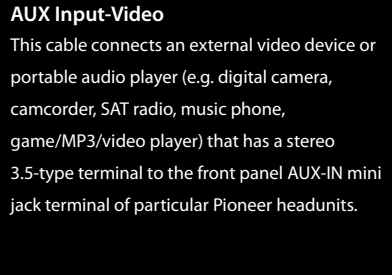


USB

Note: Unauthorized copying of music is strictly prohibited.  
Not every device is compatible. See more details in Pioneer website.  
Compatible with USB memory device only. Not compatible with DRM (Digital Rights Management) contents and MTP (Media Transfer Protocol) connection players.

## CD-RM10 NEW

**AUX Input-Video**  
This cable connects an external video device or portable audio player (e.g. digital camera, camcorder, SAT radio, music phone, game/MP3/video player) that has a stereo 3.5-type terminal to the front panel AUX-IN mini jack terminal of particular Pioneer headunits.



## ND-BC2 NEW

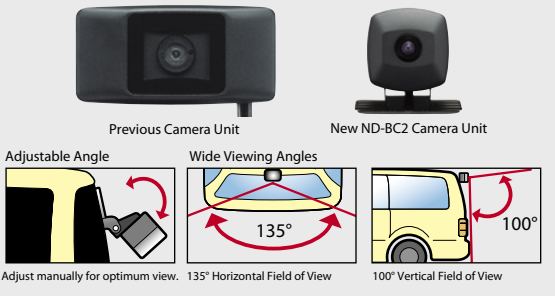
**Universal Rear View Camera**  
• Wider Viewing Angle: 135 Degrees (Horizontal) and 100 Degrees (Vertical) • Newly Developed 1/4" Color CCD with 270 000 Pixel Resolution (492 x 512 Pixels) for Higher Visibility even at night • More Compact Camera Unit: 1" (W) x 1" (H) x 1" (D)



Close-up View

\* The rear view camera is NOT intended for entertainment purposes. It is specifically designed to allow the driver to observe a towed boat or vehicle during transport.  
\*\*The optional rear view camera must be a "reversed image" type.

## More Compact, Wider Viewing Angle



Adjustable Angle | Wide Viewing Angles

Adjust manually for optimum view. 135° Horizontal Field of View | 100° Vertical Field of View



# Take Control

Pioneer lets you take control of your in-car entertainment by integrating advanced features into our CD Players. Using fast direct connections, you can listen to your Apple iPod® or MP3 player using your Pioneer headunit and speakers. Unleash the power of your portables with Pioneer.



## DEH-P790BT

CD Receiver with Bluetooth Wireless Technology

**NEW**



- Built-In Bluetooth Wireless Technology
- Bluetooth "Wireless Audio" Control and Streaming
- Pure Blue Organic EL Display
- USB Adapter Ready (CD-UB100 Required)
- iPod® Direct Control
- iTunes® AAC/MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 7-Band GEQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Rear)
- Multi-Language Display
- 7-Way Rotary Commander
- Auto Slide Flap Face
- Hi-Volt Preouts (4.0 V)
- Detachable Face Security™



## Bluetooth® Wireless Technology for "Wireless Audio" Control and Streaming

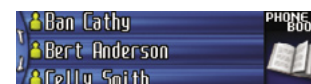
The DEH-P980BT and DEH-P790BT offer yet another benefit of Bluetooth wireless technology — "Wireless Audio" control and streaming (AVRCP, A2DP). This lets you control and listen to a compatible audio player via the headunit.

\* The Bluetooth trademarks are owned by Bluetooth SIG, Inc. © Bluetooth SIG, Inc. 2006.

## Bluetooth Wireless Technology for "Hands-Free" Calling

The DEH-P980BT and DEH-P790BT are Pioneer's first CD receiver to use Bluetooth wireless technology. Using the headunit with a cell phone compatible with Bluetooth wireless technology lets you make/accept calls (including call waiting), talk, and hang up without touching the phone at all — even when, for example, the cell phone is in your bag. You can talk into the unit's included microphone while listening through your in-car speakers. Voice Dial, available with compatible cell phones, lets you dial a number by simply saying it, in addition to being able to use the 10-key number pad. Auto Answering lets you answer a call without taking your hands off the wheel.

The DEH-P980BT and DEH-P790BT allow you to register up to three different Users (cell phones) and two Guests.



List of People in Your Phone Book



Phone Number of a Selected Person

## Transfer Your Phone Book\*

Transfer your phone book from the cell phone to the headunit for easy dialing. The headunit can memorize 2 500 different numbers — a max. of 500 persons\*\* with up to 5 different numbers for each. ABC Search gives you quick access to desired numbers — just enter a letter and the headunit shows you the list of registered names starting with that letter. You can even use the headunit to edit the transferred names/numbers, add numbers, and categorize people.



ABC Search for Easy Dialing

\*Not available for Guests or unregistered cell phones  
\*\*Max. 300 persons for User 1, 150 for User 2, and 50 for User 3



## DEH-P980BT

CD Receiver with Bluetooth Wireless Technology



- Built-In Bluetooth Wireless Technology
- Bluetooth "Wireless Audio" Control and Streaming
- iPod® Adapter Ready (CD-IB100II Required)
- Full-Color OEL Display (65 536 Colors)
- iTunes® AAC/MP3/WMA/WAV Playback
- Auto Slide Flap Face
- Built-in DSP with 16-Band GEQ
- MOSFET50 W x 4
- Auto EQ and Auto Time Alignment
- XM-/SIRIUS-Ready
- Built-in AUX Input (Rear)
- Auditory User Interface (AUI)
- Multi-Language Display
- 7-Way Rotary Commander
- Hi-Volt Preouts (5.0V)
- Detachable Face Security™



Included Microphone for Hands-Free Talking



# DEH-P690UB

Premier CD Receiver

NEW



- Pure Blue Organic EL Display
- Bluetooth Adapter Ready (CD-BTB200 Required)
- USB 2.0 (Full Speed)
- USB iPod® Direct Control (Built-in)
- USB Control of Flash Memory
- USB Control of MP3 Players\*
- iPod® Adapter Ready (CD-IB100II Required)
- iTunes® AAC/MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 7-Band GEQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Rear)
- Multi-Language Display
- 7-Way Rotary Commander
- Auto Slide Flap Face
- Hi-Volt Preouts (4.0 V)
- Detachable Face Security™

\*Portable media player and USB memory device are compatible with mass storage class.

# DEH-P590IB

Premier CD Receiver

NEW

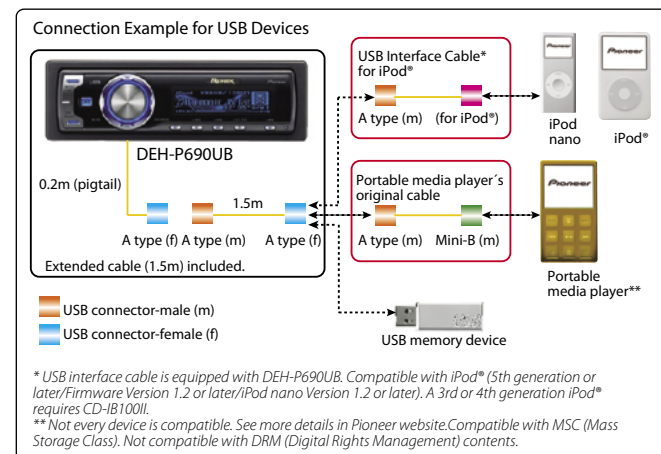


- Pure Blue Organic EL Display
- Bluetooth Adapter Ready (CD-BTB200 Required)
- USB Adapter Ready (CD-UB100 Required)
- iPod® Direct Control
- iTunes® AAC/MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 7-Band GEQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Rear)
- Multi-Language Display
- 7-Way Rotary Commander
- Hi-Volt Preouts (4.0 V)
- Detachable Face Security™

## USB Direct Connection



Complete your connection to the heights of ecstasy. Pioneer car entertainment now hooks up more directly with a great variety of high-capacity portable digital players. Access, control and high-resolution playback are supremely fast and straightforward. Simply plug in USB-compatible equipment (such as an iPod nano, iPod®, or another portable digital player or USB memory device) into the rear USB connector of the DEH-P690UB head unit. This direct, high-speed, adapter-free connection plus built-in 24-bit Delta Sigma D/A Converter (to improve DAC) assures extraordinary sound quality as well as optimal convenience.



that is as quick and easy as manipulating the iPod® itself. For extra convenience, the DEH-P690UB lets you control menus (including all the latest shuffle functions) and songs, as well as podcasts and audiobook chapters stored in the iPod® directly through the head unit front interface.

Note: iPod is for legal or rightholder-authorized copying only. Don't steal music. iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. Depending on the Pioneer headunit installed, some functions may be limited using iPod® adapter. \* Compatible with iPod® (5th generation or later/Firmware Version 1.2 or later/iPod nano Version 1.2 or later). A 3rd or 4th generation iPod® requires CD-IB100II.

## Play More PC Music Files — MP3, WMA, WAV, and Even iTunes® AAC

Most of the new CD receivers are compatible with a wide range of PC music files. They can play MP3 and WMA compressed music files with ID3 Tag and WMA Tag for showing track names, artist names, and album titles. They can also play WAV files — an uncompressed format that delivers CD-quality sound. The DEH-P980BT, DEH-P880PRS, DEH-P790BT, DEH-P690UB, DEH-P590IB, DEH-P490IB and DEH-P390MP are compatible with iTunes® AAC wideband audio — the codec of Apple Computer's iTunes® software that provides top-quality digital music with a high compression rate.

Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. iTunes is a trademark of Apple Computers Inc., registered in the U.S. and other countries. AAC players can decode only those AAC files ripped and encoded using iTunes®.

## MOSFET50 Across the Lineup MOSFET 50

In recent years, MOSFET has become the buzzword of the car electronics industry. And for good reasons. It's a highly efficient way to power your sound system and even drives a subwoofer. MOSFET50 by Pioneer — available with all the new CD receivers — is the real thing. It may not look like much, but this little chip pumps a solid 50 watts to all four speaker channels. Of course, its true beauty is its musical clarity. With MOSFET50, sound is far more detailed than what the average stereo pumps out with a bipolar circuit.

# DEH-P880PRS

Premier CD Receiver



- OEL Display
- iPod® Adapter Ready (CD-IB100II Required)
- iTunes® AAC/MP3/WMA/WAV Playback
- Built-in DSP with Dual (L/R) 16-Band GEQ
- MOSFET50 W x 4
- Auto EQ and Auto Time Alignment
- XM-/SIRIUS-Ready
- Built-in AUX Input (Front)
- Supertuner® IID+™
- Multi-Language Display
- 7-Way Rotary Commander
- 10-Key Remote
- Hi-Volt Preouts (5.0 V)

## iPod® Direct Connection\*



Connect an iPod nano or iPod® directly to the head unit and gain full direct control of the portable digital file player via the head unit interface



# DEH-P490IB

Premier CD Receiver **NEW**



- Segmented OEL Display
- USB Adapter Ready (CD-UB100 Required)
- iPod® Direct Control
- iTunes® AAC/MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 3-Band Parametric EQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Rear)
- Rotary Volume Control
- Hi-Volt Preouts (4.0 V)
- Detachable Face Security™

## iPod® Direct Connection

Connect an iPod\*\* to a Pioneer DEH-P790BT, DEH-P590IB or DEH-P490IB for very convenient, direct control of menus (including the latest shuffle function) and songs stored in the iPod® through the head unit front interface. This connection also recharges your iPod® during playback, eliminating concerns about battery depletion.

\* A 3rd-, 4th- or 5th-generation iPod® can be connected to either of these head units.

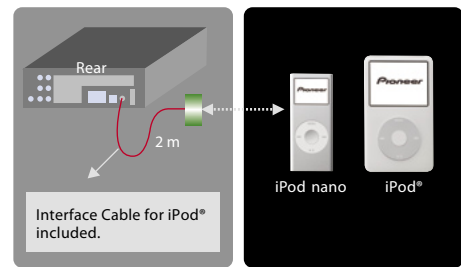
## IP-Bus USB Adapter Ready

The IP-Bus USB Adapter (CD-UB100) helps make it simple to expand a Pioneer car entertainment system's listening library. Connect it from the head unit to a portable digital player or USB memory device, and gain convenient access to digital music files that have been compiled and edited on a personal computer, then transferred to the portable device.

Note: Unauthorized copying of music is strictly prohibited. Not every device is compatible. See more details in Pioneer website. Compatible with USB memory device only. Not compatible with DRM (Digital Rights Management) contents and MTP (Media Transfer Protocol) connection players.



iPod® Direct Connection for DEH-P790BT, DEH-P590IB and DEH-P490IB



## CD-I200

**NEW**

Interface Cable for iPod®



• For use with AVIC-D3  
\*Details on pages 14 and 15.

## CD-UB100

**NEW**

IP-Bus USB Adapter



• For use with:  
AVIC-D3, AVIC-Z2, AVIC-N3, AVH-P7800DVD, AVH-P6800DVD, AVH-P4900DVD, DEH-P980BT, DEH-P880PRS, DEH-P790BT, DEH-P590IB, DEH-P490IB, DEH-P390MP, DEH-P2900MP  
\*Details on pages 14 and 15.

# DEH-P390MP

Premier CD Receiver **NEW**



- Large LCD Display
- iPod® Adapter Ready (CD-IB100II Required)
- iTunes® AAC/MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 3-Band Parametric EQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Front)
- Rotary Volume Control
- RCA Preout x 3 (2.0 V)
- Detachable Face Security™

# DEH-P2900MP

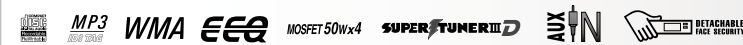
CD Receiver **NEW**



- LCD Display
- iPod® Adapter Ready (CD-IB100II Required)
- MP3/WMA/WAV Playback
- MOSFET50 W x 4
- 3-Band Parametric EQ
- XM-/SIRIUS-Ready
- Built-in AUX Input (Front)
- Rotary Volume Control
- RCA Preout x 2 (2.0 V)
- Detachable Face Security™

# DEH-1900MP

CD Receiver **NEW**



- LCD Display
- MP3/WMA/WAV Playback
- CD-R/RW Playback
- MOSFET50 W x 4
- Built-in AUX Input (Front)
- Rotary Volume Control
- RCA Preout x 1 (2.0 V)
- Detachable Face Security™

## AUX-In Connection



Each of Pioneer's latest head units has a built-in AUX input for connecting a digital portable player and other external auxiliary devices. For extra-convenient access, the DEH-P390MP, DEH-P2900MP and DEH-1900MP have this input on the front panel.





### DEH-P77DH GM/Chrysler-Fit CD Receiver

**DISC CD-R EEE MOSFET 45 SAT RADIO READY CD CONTROL SUPER TUNER III**

DETACHABLE FACE SECURITY HI-VOLT DFS ALARM

- Multi-Color LCD Display
- iPod® Adapter Ready
- XM-Ready
- SIRIUS-Ready
- IP-Bus System Control
- Slim Remote
- Pop-up Rotary Volume Control

### KEH-P2030 Cassette Receiver

**40Wx4 ((XM)) CD CONTROL SUPER TUNER DETACHABLE FACE SECURITY**

- XM-Ready
- IP-Bus System Control

### CDX-P1280 12-Disc IP-Bus Multi-CD Player

**12-disc CDTEXT**

**Ready to step up to a 12-disc CD changer?**  
The CDX-P1280 works with a Pioneer system IP-Bus headunit and can be mounted vertically or horizontally and has CD Text capability.

### CDX-FM1289 Premier Universal FM-Modulated 12-Disc Multi-CD System with Wireless Remote Control

**12-disc CDTEXT**

**Want a 12-disc changer that goes with your factory stereo? No problem.**  
The CDX-FM1289 uses your FM signal to reproduce CD audio, giving you hours of CD, CD-R, and CD-RW play. It mounts easily, and includes a remote and control/display unit.

### DEH-P47DH GM/Chrysler-Fit CD Receiver

**DISC CD-R EEE MOSFET 45 SAT RADIO READY CD CONTROL SUPER TUNER III**

DETACHABLE FACE SECURITY

- Multi-Color LCD Display
- iPod® Adapter Ready
- XM-Ready
- SIRIUS-Ready
- IP-Bus System Control
- Pop-up Rotary Volume Control

### DEQ-7600 Universal Add-On Digital Processing Equalizer with DSP and Subwoofer Output

**DSP Hi-bit LEGATO LINK DIGITAL PROCESSING**

- Electronic 15-Band Digital Graphic Equalizer: Presets (5 Factory, 3 User), Nuance Control, 15 Center Frequencies, ±12dB Gain
- 5-Mode Digital Sound Field Control (SFC)
- Listening Position Selector
- Hi-bit Legato Link™ Digital Processing with 20-bit Accuracy
- RCA Input
- RCA Outputs (x3 Pair) (Front/Rear + Subwoofer)
- Sub-Out Crossover (50/80/125Hz, -18dB/Oct)
- Multi-Color EL Display
- Remote Control Sensor
- Dimensions (WxHxD): 7" x 2" x 5-1/4"

### CDX-P686 Premier 6-Disc IP-Bus Multi-CD Player

**6-disc CDTEXT**

**This 6-disc changer is compatible with Pioneer's IP-Bus headunits.**  
Disc title memory allows you to program the names of up to 100 CDs. Mount it anywhere and control it via your headunit.

### CDX-FM687 Universal FM-Modulated 6-Disc Multi-CD System with Wireless Remote Control

**6-disc CDTEXT**

**Yes, you can add a CD changer onto your factory stereo.**  
The CDX-FM687 works off an FM signal. Load in six of your favorite discs and control everything with a wireless remote and a control/display unit.

	CDX-P1280				CDX-P686				CDX-FM1289				CDX-FM687			
<b>CD Player Section</b>																
Disc Capacity	12	12	12	12	6	6	6	6	12	12	12	12	6	6	6	6
AGC (Automatic Gain Control)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CD-R/CD-RW Compatible	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
1-bit D/A Converter	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8x Oversampling Filter	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
"Double-Floating" Anti-Vibration System	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CD-Text Decoder	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Disc Title Memory	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs
ITS Memory	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs	100 Discs
IP-Bus Control Output	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Built-in FM Modulator	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Selectable FM Frequencies	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
<b>General</b>																
Multiple Mounting Angles	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wired Control/Display	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Wireless Remote	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Magazine	JD1212S	JD1212S	JD1212S	JD1212S	JD612V	JD612V	JD612V	JD612V	JD1212S	JD1212S	JD1212S	JD1212S	JD612V	JD612V	JD612V	JD612V
Warranty	1 Year	1 Year	1 Year	1 Year	2 Year	2 Year	2 Year	2 Year	2 Year	2 Year	2 Year	2 Year	1 Year	1 Year	1 Year	1 Year
<b>Tuner Section</b>																
Supertuner	III/D	III/D*	III/D	III/D	III/D	III/D	III/D	III/D	III/D	III/D	III/D	III/D	III	III	III	III
XM Radio Ready	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
SIRIUS-Ready	x	x	x	x	x	x	x	x	x	x	x	x	Ext	Ext	Ext	Ext
24-Station/6-Button (18FM/6AM) Presets	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
BSM (Best Stations Memory)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
<b>CD Player Section</b>																
1-bit D/A Converter	8fs/24-bit*	8fs/24-bit*	8fs/24-bit*	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	x	x	x	x
CD-R/CD-RW Compatible	x	x	x	x	x	x	x	x	x	x	x	x	x (CD-R)	x (CD-R)	x	x
MP3 Compatible	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
WMA (Windows Media® Audio)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
WAV (.wav) Compatible	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
iTunes™ AAC Playback**	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
AGC (Automatic Gain Control)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Disc Title Memory	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Disc List	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CD Text	x	x	x	x	x	x	x	x	x	x	x	x	x (MCD)	x (MCD)	x	x
IP-Bus (Changer Control)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
BMX Digital Compression (SCD)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
DBE (MCD)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
<b>Cassette Player Section</b>																
Auto Reverse	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
SHC Dual-Groove Tape Head	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Radio Intercept	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



### inno2™ Portable XM Satellite Radio Receiver with MP3 Player

NEW

- FEATURES:**
- Get live XM on the go with built-in tuner
  - 1GB Memory records and stores up to 50 hours of broadcast\*
  - MP3 (WMA) Storage and Play
  - Artist and Tune Select™
  - Sport and Stock Ticker
  - Integrated FM Modulator
  - Manage playlists and files without computers or internet
  - Hear a great tune, tag it and purchase it online with XM + Napster
  - Complete Home Kit Included (Home Dock, Antenna, Remote, Power Adapter, RCA Cable and USB Cable)
  - Ear Buds and Carrying Case included
  - \*With maximum available memory set to 100% XM

### CD-INCAR2 Car Kit for use with Pioneer inno2™

NEW

### CD-INHOME1 Additional Home Kit for use with Pioneer inno2™

### GEX-P920XM XM Digital Satellite Tuner for Pioneer Headunits

- FEATURES:**
- For use with Pioneer "SAT Radio Ready" and "XM Ready" Headunits and AV Receivers
  - Enhanced Touch Panel Interface with Channel Icons with AVIC-Z2, AVIC-D3 and AVIC-N3
  - Enhanced Touch Panel Interface with AVH-P7800DVD and AVH-P6800DVD
  - Text Display: Channel Name, Channel Category, Artists/Feature Name, Song/Program Title, or Composer
  - 10-Key Direct Channel Access with AVH-P7800DVD, AVH-P6800DVD, DEH-P980BT, DEH-P880PRS, DEH-P790BT, DEH-P690UB and DEH-P590IB
  - IP-Bus Input/Output and IP-Bus Cable Included (19' 8-1/4")
  - Single-Pole XM Antenna Included

### SIR-PNR2 SIRIUS Digital Satellite Radio Tuner for Pioneer Headunits

- FEATURES:**
- For use with Pioneer "SAT Radio Ready" Headunits and AV Receivers
  - Touch Panel Interface with AVIC-Z2, AVIC-D3, AVH-P7800DVD, and AVH-P6800DVD
  - Full Control with DEH-P980BT, DEH-P880PRS, DEH-P790BT, DEH-P690UB, DEH-P590IB, DEH-P490IB, DEH-P390MP and DEH-P2900MP
  - "External Unit" Compatibility with many additional Pioneer Headunit and AV Receiver models
  - Display Channel Name, Channel Category, Artist/Feature Name, Song/Program Title, or Composer
  - 10-Key Direct Channel Access with AVH-P7800DVD, AVH-P6800DVD, DEH-P980BT, DEH-P880PRS, DEH-P790BT, DEH-P690UB and DEH-P590IB
  - IP-Bus Input/Output and IP-Bus Cable Included (98-7/16")
  - Single-Pole SIRIUS Antenna Included

*SIRIUS Satellite Radio is a subscription service, not affiliated with Pioneer Electronics. Activation required through SIRIUS Satellite Radio.*

System Requirements: Windows XP or Windows 2000. Internet Explorer 5.1 or higher, Windows Media Player 9 or higher, minimum of 64MB RAM, 13MB hard-drive space, and an active internet connection (a high speed internet connection is recommended for optimal performance). The following Operating Systems are not supported: Windows 95, Windows 98, Windows NT, Windows ME, and Mac OS. The availability of XM Satellite Radio depends on the signal strength in your location of use and on the ability of the XM antenna to receive a signal. The signal may be unavailable if obstructed (e.g., by buildings, mountains, trees, bridges, bad weather, etc.). These factors may result in an interruption of service. For best recording results, record when the receiver is used in the Home Dock together with the Home Antenna. Required monthly subscription and hardware sold separately. Other fees and taxes may apply, including a one-time Establishments. Only available in the 48 contiguous United States.

Audio Section	DEH-P980BT	DEH-P880PRS	DEH-P790BT	DEH-P690UB	DEH-P590IB	DEH-P490IB	DEH-P390MP	DEH-P2900MP	DEH-1900MP	DEH-P77DH	DEH-P47DH	KEH-P2030
MOSFET50 (50 Wx4-Channel High Power)	x	x	x	x	x	x	x	x	x			
MOSFET45 (45 Wx4-Channel High Power)										x	x	
40Wx4-Channel High Power BTB (Bass/Treble Booster)												x
Equalizer	16-Band GEQ	Dual (L/R) 16-Band GEQ	7-Band GEQ	7-Band GEQ	7-Band GEQ	3-Band Parametric	3-Band Parametric	3-Band Parametric	Bass/Mid/Treble	3-Band Parametric	3-Band Parametric	
Selectable FIE (Front Image Enhancer)	x	x				x	x	x		x	x	
DSP	x	x										
Auto-EQ (with Mic Included)	x	x										
Time Alignment	Auto	Auto										
BBE	x	x										
Source Level Adjuster (SLA)	x	x	x	x	x	x	x	x	x	x	x	x
Loudness	x	x	3 Mode	3 Mode	3 Mode	3 Mode	3 Mode	3 Mode	2 Mode	3 Mode	3 Mode	2 Mode
Listening Position Selector	x	x										
Selectable Fader	x	x	x	x	x	x	x	x	x			x
HPF Crossover	x	x	x	x	x	x	x	x		x	x	
Subwoofer (LPF) Crossover	x	x	x	x	x	x	x	x		x	x	
BMX Digital Compression	x	x										
Hi-Volt RCA Preouts	3 (5.0 V)	3 (5.0 V)	3 (4.0 V)	3 (4.0 V)	3 (4.0 V)	3 (4.0 V)				3 (4.0 V)		
RCA Preouts							3 (2.2 V)	2 (2.2 V)	1 (2.2 V)		1 (2.0 V)	1 (2.0 V)
<b>General</b>												
Bluetooth Wireless Technology	Built-in		Built-in									
IP-Bus Bluetooth Adapter Ready (CD-81R200)*5		Ext		x	x	x*5	Ext	Ext				
iPod® Direct Control			x	x	x							
iPod® Adapter Ready**	x	x	x	x	x		Ext*7			Ext*7	Ext*7	
USB Direct**												
USB Adapter Ready**	Ext*7	Ext*7	x	x	x		Ext*7	Ext*7				
AUX (Auxiliary) Input	Rear	Front	Rear	Rear	Rear	Ext	Front	Front	Front			
DVD Control	x	x	x	x	x							
Customizable Display	CD-R											
Detachable Face Security™	x	x	x	x	x	x	x	x	x	x	x	x
Flap Face	Auto Slide	Auto Slide	Auto Slide	Auto Slide	Pure Blue	Segmented						
Organic EL Display	Full Color (65 536 Colors)	White	Pure Blue	Pure Blue	Pure Blue	Pure Blue						
LCD Display with LED Backlight							x	x	x	Multi-Color	Multi-Color	
Multi-Language Display (English, French, Spanish)	x	x	x	x	x							
Auditory User Interface (AUI)	x											
Spectrum Analyzer	x	x	x	x	x							
Remote Control	10-key Rotary	10-key Rotary	10-key Rotary	10-key Rotary	10-key Rotary	Card	Card	Card	Card	Slim	Pop-up	Pop-up
Rotary Volume Control	Commander	Commander	Commander	Commander	Commander							
Wired Remote Input	x	x	x	x	x	x	x	x				
Display Output	x	x	x	x	x	x	x	x				
Cellular Mute	x	x	x	x	x					x	x	
Face Case (Included)	x	x	x	x	x							
Warranty	2 Year	2 Year	2 Year	2 Year	2 Year	2 Year	2 Year	1 Year	1 Year	1 Year	1 Year	1 Year

\*1 Burr-Brown \*2 Burr-Brown Advanced Segment Type D/A Converter \*3 iTunes™ AAC Playback: AAC player can decode only AAC files ripped and encoded using iTunes®; they cannot decode AAC DRM files downloaded from iTunes music store. \*4 AAC: AAC is a short for Advanced Audio Coding and refers to audio compression technology standard used with MPEG-4. \*5 External control of IP-Bus Bluetooth Adapter has some limitations. Please consult owner's manual or dealer for more information. \*6 iPod is for legal or rightholder-authorized copying only. Don't steal music. iPod and iTunes are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. \*7 Up to 8 characters can be displayed. \*8 Not every device is compatible. See more details in Pioneer website. Compatible with USB memory device only. Not compatible with DRM (Digital Rights Management) contents and MTP (Media Transfer Protocol) connection player.



# QUALITY YOU CAN HEAR

Pioneer's exclusive technology enriches your music by producing clear, open sound. Experience the power, depth and clarity of Pioneer's premium product line.



## CLARITY ▲

Experience heightened sound clarity and precise, crisp vocals with Pioneer's finest speakers and amplifiers - Premier Reference Series.

Pioneer's advanced technology enriches your music throughout the frequency range, bringing it to life. Listen to sound so realistic you can isolate individual instruments and vocals so rich you can hear the tremor in the artist's voice. It's music as it was intended to be heard. Hear the details.

## DEPTH ▼

Take your audio to the next level with Pioneer's Premier SPL subwoofers and amplifiers. Pioneer's championship-proven amplifiers have ample energy to produce deep bass for a powerful performance that surpasses the competition. Experience sound that is deep yet tightly controlled. Turn up the decibel levels and feel the power of Pioneer's SPL series.





# Hear the Details

Experience sound so precise and clear you'll feel like you're in the recording studio. Pioneer's Premier Reference Series amplifiers enrich details you wouldn't ordinarily hear, like individual instruments or the artist's breaths. Realistic music from the driver's seat.



## PRSD4100F

Premier 4-/2-Channel Bridgeable Class FD Amplifier

Class FD ice!

**NEW** 1200 W MAX.

- 1200 Watts Max. Music Power
- 600 Watts Continuous Power Output
- ICEpower Full-Range Class FD Design
- Dimensions (W x H x D): 11-15/16" x 2-3/16" x 7-11/16" (304 mm x 56 mm x 195 mm)

**Amplifier Power Standard**  
CEA-2006 Compliance

- 75 Watts x 4, at 4 Ω ≤ 1 % THD+N
- 300 Watts x 2, at 4 Ω BRIDGED ≤ 1 % THD+N
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## PRSD2100T

Premier 2-Channel Bridgeable Class FD Amplifier

Class FD ice!

**NEW** 1200 W MAX.

- 1200 Watts Max. Music Power
- 600 Watts Continuous Power Output
- ICEpower Full-Range Class FD Design
- Dimensions (W x H x D): 11-15/16" x 2-3/16" x 7-11/16" (304 mm x 56 mm x 195 mm)

**Amplifier Power Standard**  
CEA-2006 Compliance

- 150 Watts x 2, at 4 Ω ≤ 1 % THD+N
- 600 Watts x 1, at 4 Ω BRIDGE ≤ 1 % THD+N
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## PRSD1100M

Premier Class D Mono Amplifier

**NEW** 1200 W MAX.

- 1200 Watts Max. Music Power
- 600 Watts Continuous Power Output
- Dimensions (W x H x D): 11-15/16" x 2-3/16" x 7-11/16" (304 mm x 56 mm x 195 mm)

**Amplifier Power Standard**  
CEA-2006 Compliance

- 400 Watts x 1, at 4 Ω ≤ 1 % THD+N
- 600 Watts x 1, at 2 Ω ≤ 1 % THD+N, at 100 Hz
- 66 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## PRSD5000SPL

Premier Competition-Level SPL Class D Mono Amplifier

**3000 W MAX.**

- 3000 Watts Max. Music Power
- 1500 Watts Continuous Power Output
- Signal-to-Noise Ratio: 90 dB
- Dimensions (W x H x D): 11-13/16" x 2-1/2" x 13" (300 mm x 64 mm x 330 mm)

**Amplifier Power Standard**  
CEA-2006 Compliance

- 750 Watts x 1, at 4 Ω ≤ 1 % THD+N
- 1500 Watts x 1, at 2 Ω ≤ 1 % THD+N, at 240 Hz
- 60 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)



## PRSD3000SPL

Premier Competition-Level SPL Class D Mono Amplifier

**2000 W MAX.**

- 2000 Watts Max. Music Power
- 1000 Watts Continuous Power Output
- Signal-to-Noise Ratio: 90 dB
- Dimensions (W x H x D): 11-13/16" x 2-1/2" x 11" (300 mm x 64 mm x 279 mm)

**Amplifier Power Standard**  
CEA-2006 Compliance

- 500 Watts x 1, at 4 Ω ≤ 1 % THD+N
- 1000 Watts x 1, at 2 Ω ≤ 1 % THD+N, at 240 Hz
- 60 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

	PRSD4100F	PRSD2100T	PRSD1100M	PRSD5000SPL	PRSD3000SPL
Amplifier Class	Class FD	Class FD	Class D	Class D	Class D
ICEpower Technology	X	X			
Channel Capability	4/3/2	2/1	1	1	1
Bridgeable	X	X	External SEPP	External SEPP	External SEPP
MASS (Multiple Amplifier Synchronization System)			X	X	X
Dynamic Amplifier Protection				X	X
MOSFET Output Section	X	X	X	X	X
Balanced Isolator Input Circuit	X	X	X	X	X
RCA Inputs (Gold-Plated)	4 Ch	2 Ch	2 Ch	2 Ch	2 Ch
RCA Outputs (Pass-Through) (Gold-Plated)	X	X		X	X
Speaker Level Input	X	X	X		
Speaker Line Input Turn-On Sensor	X	X	X		
Hi-Volt Input Level Control (400 mV to 6.5 V)	X	X	X	(200 mV to 6.5 V)	(200 mV to 6.5 V)
Block-Typed Power/Ground Terminals				(1/0 Gauge)	(4 Gauge)
Gold-Plated Screw-Type Speaker Terminals	X	X	X	(8 Gauge)	X
All Terminals Placed on One Side	X	X	X		
Removable Terminal/Settings Cover	X	X	X		
Crossover Type	4ch. HPF/LPF	2 ch. HPF/LPF	LPF	LPF	LPF
Crossover Frequency	40 Hz to 500 Hz	40 Hz to 500 Hz	40 Hz to 240 Hz	40 Hz to 240 Hz	40 Hz to 240 Hz
Crossover Slope	-12 dB/Oct.	-12 dB/Oct.	-18 dB/Oct.	-18 or to 24 dB/Oct.	-24 dB/Oct.
Subsonic Filter			20 Hz, -18 dB/Oct.	20 Hz, -18 dB/Oct.	20 Hz, -18 dB/Oct.
Bass Boost Type		Fixed	Fixed	Variable	Variable
Bass Boost Frequency		50 Hz	50 Hz	40 Hz to 120 Hz	40 Hz to 120 Hz
Bass Boost Level		0/6/9/12 dB	0/6/9/12 dB	0 dB to 12 dB	0 dB to 12 dB
Bass Boost Remote		X	X		

\* The "Class-FD" stands for "Full Range Class-D". Incorporating Pioneer-developed Class-D circuit and the cutting-edge ICEpower® digital amplifier technology, the Class-FD amplifiers deliver superior performance and sound quality.

## GM-7300M

Mono Amplifier

**NEW**

**800 W MAX.**

- 800 Watts Max. Music Power
- Dimensions (W x H x D): 11-13/16" x 2-3/8" x 13-1/8" (300 mm x 60 mm x 334 mm)



- 250 Watts x 1, at 4 Ω ≤ 1 % THD+N
- 360 Watts x 1, at 2 Ω ≤ 1 % THD+N, at 100 Hz
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)



GM-7300M

## GM-6300F

4-/2-Channel Bridgeable Amplifier

**NEW**

**600 W MAX.**

- 600 Watts Max. Music Power
- Dimensions (W x H x D): 11-13/16" x 2-3/8" x 13-1/8" (300 mm x 60 mm x 334 mm)



- 60 Watts x 4, at 4 Ω ≤ 1 % THD+N
- 150 Watts x 2, at 4 Ω BRIDGE ≤ 1 % THD+N
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## GM-5300T

2-Channel Bridgeable Amplifier

**NEW**

**760 W MAX.**

- 760 Watts Max. Music Power
- Dimensions (W x H x D): 11-13/16" x 2-3/8" x 13-1/8" (300 mm x 60 mm x 334 mm)



- 125 Watts x 2, at 4 Ω ≤ 1 % THD+N
- 380 Watts x 1, at 4 Ω BRIDGE ≤ 1 % THD+N
- 75 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## GM-4300F

4-/2-Channel Bridgeable Amplifier

**NEW**

**400 W MAX.**

- 400 Watts Max. Music Power
- Dimensions (W x H x D): 11-13/16" x 2-3/8" x 10-5/8" (300 mm x 60 mm x 269 mm)



- 40 Watts x 4, at 4 Ω ≤ 1 % THD+N
- 100 Watts x 2, at 4 Ω BRIDGE ≤ 1 % THD+N
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

## GM-3300T

2-Channel Bridgeable Amplifier

**NEW**

**300 W MAX.**

- 300 Watts Max. Music Power
- Dimensions (W x H x D): 11-13/16" x 2-3/8" x 7-5/8" (300 mm x 60 mm x 194 mm)



- 60 Watts x 2, at 4 Ω ≤ 1 % THD+N
- 150 Watts x 1, at 4 Ω BRIDGE ≤ 1 % THD+N
- 80 dBA Signal-to-Noise Ratio (Reference: 1 Watt Output)

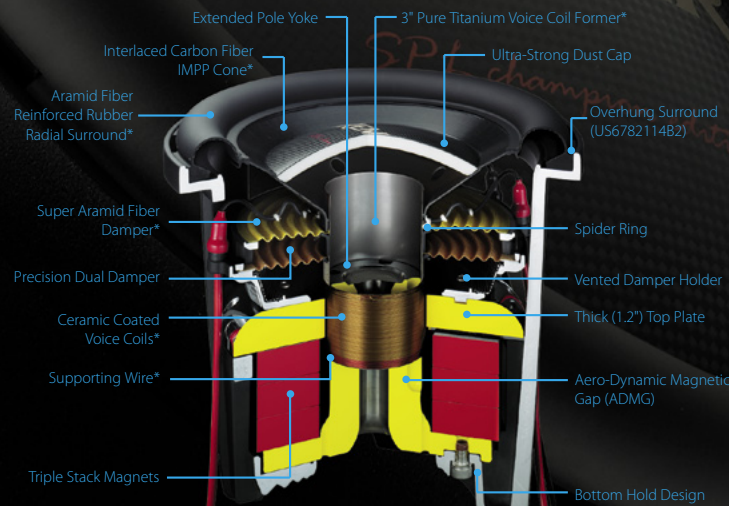


Specifications	GM-7300M	GM-6300F	GM-5300T	GM-4300F	GM-3300T
Peak Music Power	500 W (4 Ω) 800 W (2 Ω)	120 W x 4 (4 Ω) 300 W x 2 (Bridge, 4 Ω)	250 W x 2 (4 Ω) 760 W x 1 (Bridge, 4 Ω)	80 W x 4 (4 Ω) 200 W x 2 (Bridge, 4 Ω)	120 W x 2 (4 Ω) 300 W x 1 (Bridge, 4 Ω)
Number of Channels	1	4	2	4	2
Continuous Power (4 Ω)	250 W x 1	60 W x 4	125 W x 2	40 W x 4	60 W x 2
Continuous Power (2 Ω)	360 W x 1	75 W x 4	190 W x 2	50 W x 4	75 W x 2
Continuous Power Bridged (4 Ω)		150 W x 2	380 W x 1	100 W x 2	150 W x 1
Frequency Response (0, -1 dB)	10 Hz to 240 Hz (+0 dB, -3 dB)	10 Hz to 50 kHz	10 Hz to 50 kHz	10 Hz to 50 kHz	10 Hz to 50 kHz
Total Harmonic Distortion (1 kHz, 4 Ω)	<0.03 % (120 Hz)	<0.01 %	<0.015 %	<0.01 %	<0.008 %
Signal-to-Noise Ratio (IHF-A Weighted, at 1 kHz)	>100 dB	>95 dB	>95 dB	>95 dB	>100 dB
Dimensions	11-13/16" x 2-3/8" x 13-1/8"	11-13/16" x 2-3/8" x 13-1/8"	11-13/16" x 2-3/8" x 13-1/8"	11-13/16" x 2-3/8" x 10-5/8"	11-13/16" x 2-3/8" x 7-5/8"
Features					
Bridgeable 1/2-Channel Capability			X		X
Bridgeable 2/3/4-Channel Capability		X		X	
PWM Regulated MOSFET	X	X	X	X	X
Balanced Isolator Input Circuit	X	X	X	X	X
Oversized Screw-Type Power/Ground Terminals	X	X	X	X	X
RCA Inputs	2 Ch	4 Ch	2 Ch	4 Ch	2 Ch
RCA Outputs (Pass Thru)		X		X	
Speaker Level Input	X	X	X	X	X
Screw-Type Speaker Terminals	X	X	X	X	X
Hi-Volt Input Level Control (400 mV-6.5 V)	X	X	X	X	X
BassBoost (50 Hz, 0/6/12 dB)	X		X		
Crossover Type	LPF	4 ch. HPF/LPF	LPF	4 ch. HPF/LPF	LPF
Crossover Frequency	40 Hz to 240 Hz	80 Hz	80 Hz	80 Hz	80 Hz
Crossover Slope	-12 dB/Oct.	-12 dB/Oct.	-12 dB/Oct.	-12 dB/Oct.	-12 dB/Oct.



# Feel the Power

Pioneer's championship-winning SPL subwoofers produce the deepest, most powerful bass. Experience extreme decibel levels and feel the power of the Premier SPL subwoofers.



\*Patent Pending

## SPL SUBWOOFERS

### TS-W8102SPL

**8000 W MAX.**

Premier 15" Competition-Level SPL Component Subwoofer

- SPECIFICATIONS:**
- 8000 Watts Max. Music Power
  - 3000 Watts Nominal Power Handling
  - Dual Voice Coil Design (1 Ω or 4 Ω)
  - Frequency Response: 15 Hz to 1500 Hz
  - Sensitivity: 91 dB (1 W/1 m)
  - Recommended Enclosure: 2.5 Cubic Feet

### TS-W5102SPL

**6000 W MAX.**

Premier 12" Competition-Level SPL Component Subwoofer

- SPECIFICATIONS:**
- 6000 Watts Max. Music Power
  - 2500 Watts Nominal Power Handling
  - Dual Voice Coil Design (1 Ω or 4 Ω)
  - Frequency Response: 18 Hz to 2000 Hz
  - Sensitivity: 88 dB (1 W/1 m)
  - Recommended Enclosure: 1.5 Cubic Feet

- SHARED FEATURES (TS-W5102SPL/TS-W8102SPL):**
- Interlaced Carbon Fiber Reinforced IMPP™ Cone Woofer
  - Wide-Roll, Woven Aramid Fiber Radial Rubber Surround
  - Overhung Surround Design
  - Ceramic-Coated Voice Coil Wire
  - Dual 3", High Inductance, 6-Layer, Long Voice Coil (2 Ω x 2)

- Pure Titanium Voice Coil Bobbin
- Ultra-Strong Dust Cap with Foamed Acrylic Polymer
- Precision Double Aramid Damper with Damper Rings
- Extended and Vented Pole Yoke
- Aerodynamic Magnetic Gap (ADMG) Design
- Massive (320 oz.) Triple Stacked Magnets (TS-W5102SPL)

- Massive (390 oz.) Triple Stacked Magnets (TS-W8102SPL)
- Thick 1.2" (30 mm) Top Plate
- Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- 8-Gauge Wire Terminal



TS-W8102SPL



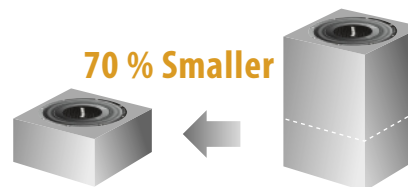
TS-W3001D4

## Air Suspension System



For its revolutionary 3.25-inch-deep subwoofer, Pioneer created an air suspension system effective within a 70% smaller-than-previous enclosure that locks air for a spring-like effect between main and drive cones moving in unison. The result is consistently clear, powerful, wide-ranging bass response. The subwoofer's dual-cone structure maintains better sound linearity and reliability after hours of hard use than conventional subwoofers with "spider" structures to keep the voice coil aligned.

### Air Suspension System for Smaller Enclosure



Approximately 70% smaller than previous enclosure.

### TS-W1207D2/TS-W1207D4

**NEW**

Premier 12" IMPP Component Subwoofers

**1200 W MAX.**

- FEATURES:**
- 2-3/16" (ø55 mm) Phenol Coated Glass Cloth Voice Coil Former for Higher Power Handling Capabilities
  - Double Stack High Power Magnets (2.4 kg/83 oz.)
  - 1200 Watts Max. Music Power
  - 400 Watts Nominal Power Handling
  - Frequency Response: 18 Hz to 500 Hz
  - Sensitivity: 89 dB (1 W/1 m)
  - Recommended Enclosure: 0.85 to 1.75 Cubic Feet

- TS-W1207D2**
- Dual 2 Ω, 4-Layer, Long Voice Coil (2 Ω x 2)
- TS-W1207D4**
- Dual 4 Ω, 4-Layer, Long Voice Coil (4 Ω x 2)



TS-W1207D4

**SHARED FEATURES (TS-W1207D2/TS-W1207D4/TS-W1007D2/TS-W1007D4):**

- Composite IMPP Cone Using Interlaced Aramid Fiber
- 3-Layer, Fiber Woven Radial Surround
- Single Large Conex Damper with Damper Ring
- Dual 4-Layer, Long Voice Coils (DVC)
- Extended and Vented Pole Yoke
- Integrated Single Sided Silver Binding Posts

## Integrated Single Sided Silver Binding Posts

Incorporate 2 Ω Dual Voice Coil instead of 4 Ω SVC to expand connective application.



### TS-W1007D2/TS-W1007D4

**NEW**

Premier 10" IMPP Component Subwoofers

**1000 W MAX.**

- FEATURES:**
- 2" (ø48 mm) Phenol Coated Glass Cloth Voice Coil Former for Higher Power Handling Capabilities
  - Double Stack High Power Magnets (2.1 kg/74 oz.)
  - 1000 Watts Max. Music Power
  - 350 Watts Nominal Power Handling
  - Frequency Response: 18 Hz to 600 Hz
  - Sensitivity: 87 dB (1 W/1 m)
  - Recommended Enclosure: 0.65 to 1.25 Cubic Feet

- TS-W1007D2**
- Dual 2 Ω, 4-Layer, Long Voice Coil (2 Ω x 2)
- TS-W1007D4**
- Dual 4 Ω, 4-Layer, Long Voice Coil (4 Ω x 2)



TS-W1007D4

### UD-G307/UD-G257

**NEW**

Optional Spoke Grille

- FEATURES:**
- **UD-G307:** For use with TS-W3001D2, TS-W3001D4, TS-W1207D2, TS-W1207D4, and TS-W301R.
  - **UD-G257:** For use with TS-W2501D2, TS-W2501D4, TS-W1007D2, TS-W1007D4, and TS-W251R.



UD-G307 with TS-W1207D2.



# More Bass, Less Space

3-1/4"



Air suspension technology drives big bass from extremely small enclosures.

TS-SW1241D Shown

## TS-SW1241D

1400 W MAX.

Premier 12" Shallow-Mount IMPP Component Subwoofer

**FEATURES:**

- Shallow Mount Design (3-1/4" Mounting Depth)
- Shallow Sealed Enclosure (UD-SW12B) Available

**SPECIFICATIONS:**

- 1400 Watts Max. Music Power
- 350 Watts Nominal Power Handling
- Frequency Response: 18 to 1000 Hz
- Sensitivity: 88 dB (1 W/1 m)
- Recommended Enclosure: 0.5 to 1.0 Cubic Feet

## TS-SW1041D

1000 W MAX.

Premier 10" Shallow-Mount IMPP Component Subwoofer

**FEATURES:**

- Shallow Mount Design (3" Mounting Depth)
- Shallow Sealed Enclosure (UD-SW10B/UD-SW10U) Available

**SPECIFICATIONS:**

- 1000 Watts Max. Music Power
- 250 Watts Nominal Power Handling
- Frequency Response: 20 to 1000 Hz
- Sensitivity: 87 dB (1 W/1 m)
- Recommended Enclosure: 0.35 to 0.7 Cubic Feet

## TS-SW841D

500 W MAX.

Premier 8" Shallow-Mount IMPP Component Subwoofer

**FEATURES:**

- Shallow Mount Design (2-1/2" Mounting Depth)
- Shallow Sealed Enclosure (UD-SW8U) Available

**SPECIFICATIONS:**

- 500 Watts Max. Music Power
- 120 Watts Nominal Power Handling
- Frequency Response: 30 to 1500 Hz
- Sensitivity: 85 dB (1 W/1 m)
- Recommended Enclosure: 0.15 to 0.5 Cubic Feet

## UD-SW12B

Subwoofer Enclosure

Shallow sealed enclosure for use with TS-SW1241D for behind seat back application

## UD-SW10B

Subwoofer Enclosure

Shallow sealed enclosure for use with TS-SW1041D for behind seat back application

## UD-SW10U

Subwoofer Enclosure

Shallow sealed enclosure for use with TS-SW1041D for under seat application

## UD-SW8U

Subwoofer Enclosure

Shallow sealed enclosure for use with TS-SW841D for under seat application

### SHARED FEATURES (TS-SW1241D/TS-SW1041D/TS-SW841D):

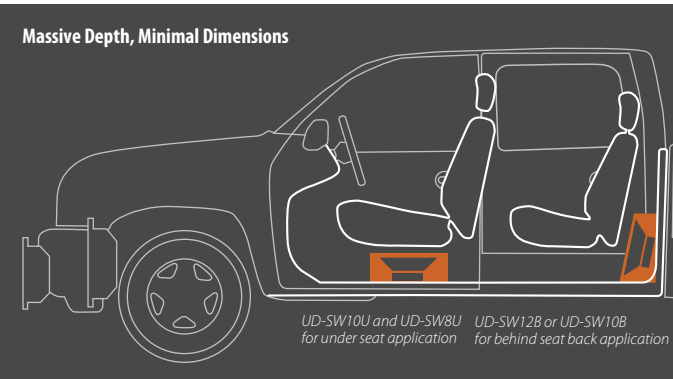
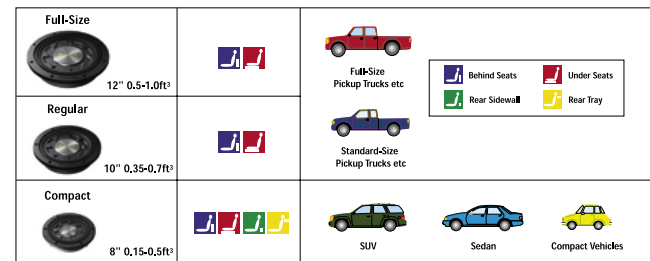
- Double-Cone Structure with Air Suspension Control System
- Reinforced Cone Using C-Shaped Nodes Structure
- Composite IMPP™ Double Cone Using Interlaced Carbon and Ultra Long Glass Fiber
- 3-Layer Fiber Woven Radial Surround with M-Shape Cross-Section
- 4-Layer, Long Voice Coil
- Glass Cloth Voice Coil Bobbin
- High-Energy Strontium Magnet
- Aluminum Dust Cap
- T-Pole Yoke Design
- Extended and Vented Pole Yoke
- Rubber Gasket
- Cast Aluminum Basket with Fin-Shaped Design



TS-SW1241D

### 3 Different Sizes to Fit a Variety of Vehicles

The Premier subwoofers come in 3 different types — 12" Full-Size, 10" Regular, and 8" Compact — to provide wider installation options for a broad range of vehicles. Full-Size and Regular can be installed either behind or under seats, while Compact also allows setup on the rear sidewall or rear tray, depending on the type of vehicle.



UD-SW10U and UD-SW8U for under seat application UD-SW12B or UD-SW10B for behind seat back application

## TS-W301R

12" IMPP Component Subwoofer

800 W MAX.

**SPECIFICATIONS:**

- 800 Watts Max. Music Power
- 150 Watts Nominal Power Handling
- Frequency Response: 20 Hz to 4 000 Hz
- Sensitivity: 91 dB (1 W/1 m)
- 4 Ω Rated
- Accessory Grille (UD-G307) Available
- Recommended Enclosure: 1.0 to 2.0 Cubic Feet



## TS-W251R

10" IMPP Component Subwoofer

600 W MAX.

**SPECIFICATIONS:**

- 600 Watts Max. Music Power
- 120 Watts Nominal Power Handling
- Frequency Response: 20 Hz to 4 500 Hz
- Sensitivity: 90 dB (1 W/1 m)
- 4 Ω Rated
- Accessory Grille (UD-G257) Available
- Recommended Enclosure: 0.7 to 1.3 Cubic Feet



### SHARED FEATURES (TS-W301R/TS-W251R):

- Blue IMPP Composite Cone Woofer
- Wide Roll, Dual-Layer Urethane Surround
- 4-Layer, Long Voice Coil
- Extended Excursion Design
- Extended and Vented Pole Yoke
- Molded Gasket
- Magnet Cover
- Push Terminal

### Subwoofer Specifications and Thiele/Small Parameters

	TS-W5102SPL	TS-W3001D2	TS-W3001D4	TS-W2501D2	TS-W2501D4	TS-W1207D2	TS-W1207D4
Nom.Dia	12 in.	12 in.	12 in.	10 in.	10 in.	12 in.	12 in.
Qts	0.340	0.558	0.604	0.664	0.721	0.440	0.520
Qms	7.600	15.677	13.988	15.485	14.157	13.170	13.990
Qes	0.360	0.578	0.631	0.693	0.759	0.450	0.540
Frequencies	29.0 Hz	32.1	33.3	37.2	38.8	33.9 Hz	34.8 Hz
Vas [Liter]	26.72	9.06	11.83	6.25	6.27	42.21	40.87
Vas [ft³]	0.944	0.320	0.418	0.221	0.222	1.491	1.443
Vd [Liters]	0.673	0.538	0.564	0.345	0.307	0.400	0.432
Vd [ft³]	2.38 E-02	1.90 E-02	1.99 E-02	1.22 E-02	1.08 E-02	1.41 E-02	1.53 E-02
Sd [m²]	5.85 E-02	4.37 E-02	4.37 E-02	3.13 E-02	3.13 E-02	4.60 E-02	4.60 E-02
Sd [ft²]	0.630	0.471	0.471	0.337	0.337	0.495	0.495
Revc	Dual 1.5 ohms	DUAL 1.5 ohms	DUAL 3.3 ohms	DUAL 1.5 ohms	DUAL 3.3 ohms	1.5 ohms	Dual 3.0 ohms
Levc (at 2 000 Hz)	5.090 mH	3.17 mH (4 ohms) 0.79 mH (1 ohm)	5.55 mH (8 ohms) 1.39 mH (2 ohms)	3.07 mH (4 ohms) 0.76 mH (1 ohm)	4.80 mH (8 ohms) 1.20 mH (2 ohms)	2.18 mH (4 ohms) 0.65 mH (2 ohms)	3.550 mH (8 ohms) 1.04 mH (2 ohms)
Xmax [mm]	11.5	12.3	12.9	11.0	9.8	8.7	9.4
Xmax [in]	0.45	0.48	0.51	0.43	0.39	0.34	0.37
Zmax	161.04 ohms	88.91 ohms (4 ohms) 22.28 ohms (1 ohm)	156.07 ohms (8 ohms) 46.54 ohms (2 ohms)	71.84 ohms (4 ohms) 18.13 ohms (1 ohm)	131.86 ohms (8 ohms) 35.26 ohms (2 ohms)	96.90 ohms (4 ohms) 24.32 ohms (2 ohms)	171.14 ohms (8 ohms) 43.08 ohms (2 ohms)
Bl	30.180 Tm	24.83 Tm (4 ohms) 11.27 Tm (1 ohm)	29.94 Tm (8 ohms) 15.12 Tm (2 ohms)	17.64 Tm (4 ohms) 9.12 Tm (1 ohm)	24.28 Tm (8 ohms) 11.97 Tm (2 ohms)	15.90 Tm (4 ohms) 7.95 Tm (2 ohms)	20.54 Tm (8 ohms) 10.27 Tm (2 ohms)
Rms	13.470 Ns/m	7.239 Ns/m	6.003 Ns/m	4.51 Ns/m	4.711 Ns/m	2.699 Ns/m	2.561 Ns/m
Mms	550.50 g	458.96 g	401.32 g	298.41 g	273.53 g	166.72 g	164.05 g
Cms	5.350 E-05 m/N	5.355 E-05 m/N	5.704 E-05 m/N	6.137 E-05 m/N	6.163 E-05 m/N	1.300 E-04	1.300 E-04
Mg. Wt.	9 100 g	3 110 g	3 110 g	2 400 g	2 400 g	2 350 g	2 350 g
Flux Density	6 300 Gauss	5 900 Gauss	5 900 Gauss	5 500 Gauss	5 500 Gauss	6 900 Gauss	7 400 Gauss
Hag [mm]	30	24	24	23	23	10	10
Hag [in]	1.181	0.945	0.945	0.906	0.906	0.394	0.394
Hvc [mm]	53	49	50	45	43	27	29
Hvc [in]	2.087	1.909	1.961	1.772	1.681	1.079	1.134
VC. Diameter	76 mm	65 mm	65 mm	55 mm	55 mm	55 mm	55 mm
Eff	0.17 %	0.05 %	0.07 %	0.04 %	0.05 %	0.35 %	0.31 %
S.P.L.	89.0 dB	89.0 dB	89.0 dB	87.0 dB	87.0 dB	89.0 dB	89.0 dB
R.M.S. Power	2 500 W	1 000 W	1 000 W	800 W	800 W	400 W	400 W
M.M.P.	6 000 W	3 000 W	3 000 W	2 500 W	2 500 W	1 200 W	1 200 W
Sp. Displacement [Liter]	6.10	5.12	5.12	3.31	3.31	2.16	2.16
Sp. Displacement [ft³]	0.215	0.181	0.181	0.117	0.117	0.076	0.076
Recom. Enclosure [Liter]	42.5	14.15 to 28.31	14.15 to 28.31	9.91 to 19.82	9.91 to 19.82	24.06 to 49.55	24.06 to 49.55
Recom. Enclosure [ft³]	1.50	0.50 to 1.0	0.50 to 1.0	0.35 to 0.7	0.35 to 0.7	0.85 to 1.75	0.85 to 1.75
F <sub>s</sub> (in Cabinet)	37.0	38.0	41.0	43.5	45.4	50.2	51.1
Q <sub>s</sub> (in Cabinet)	0.434	0.660	0.745	0.777	0.844	0.651	0.763

	TS-W1007D2	TS-W1007D4	TS-SW1241D	TS-SW1041D	TS-SW841D	TS-W301R	TS-W251R
Nom.Dia	10 in.	10 in.	12 in.	10 in.	8 in.	12 in.	10 in.
Qts	0.480	0.540	0.732	0.948	1.641	0.720	0.680
Qms	11.400	12.940	11.733	11.248	11.159	8.120	9.130
Qes	0.510	0.570	0.781	1.035	1.923	0.790	0.730
Frequencies	37.8 Hz	39.7 Hz	33.1 Hz	43.5 Hz	67.5 Hz	28.0 Hz	28.9 Hz
Vas [Liter]	19.12	18.15	19.51	8.25	1.89	104.12	57.86
Vas [ft³]	0.675	0.641	0.689	0.291	0.067	3.679	2.045
Vd [Liters]	0.327	0.361	0.310	0.207	0.072	0.432	0.264
Vd [ft³]	1.15 E-02	1.28 E-02	1.10 E-02	7.30 E-03	2.55 E-03	1.53 E-02	9.31 E-03
Sd [m²]	3.14 E-02	3.14 E-02	4.77 E-02	3.45 E-02	2.06 E-02	4.91 E-02	3.38 E-02
Sd [ft²]	0.338	0.338	0.514	0.371	0.222	0.528	0.364
Revc	Dual 1.5 ohms	Dual 3.0 ohms	3.3 ohms	3.3 ohms	3.3 ohms	3.0 ohms	3.0 ohms
Levc (at 2 000 Hz)	2.20 mH (4 ohms) 0.63 mH (2 ohms)	3.59 mH (8 ohms) 1.07 mH (2 ohms)	2.410 mH	1.850 mH	0.996 mH	1.380 mH	1.370 mH
Xmax [mm]	10.4	11.5	6.5	6.0	3.5	8.8	7.8
Xmax [in]	0.41	0.45	0.26	0.24	0.14	0.35	0.31
Zmax	76.75 ohms (4 ohms) 19.27 ohms (2 ohms)	153.38 ohms (8 ohms) 38.64 ohms (2 ohms)	59.26 ohms	42.67 ohms	25.21 ohms	35.78 ohms	47.38 ohms
Bl	14.50 Tm (4 ohms) 7.25 Tm (2 ohms)	19.29 Tm (8 ohms) 9.64 Tm (2 ohms)	16.650 Tm	13.666 Tm	9.439 Tm	8.670 Tm	8.650 Tm
Rms	2.829 Ns/m	2.539 Ns/m	4.985 Ns/m	4.773 Ns/m	4.063 Ns/m	2.293 Ns/m	1.686 Ns/m
Mms	137.27 g	131.52 g	280.15 g	196.99 g	106.67 g	110.82 g	84.73 g
Cms	1.300 E-04	1.200 E-04	8.264 E-05 m/N	6.806 E-05 m/N	5.207 E-05 m/N	3.100 E-04 m/N	3.600 E-04 m/N
Mg. Wt.	2 100 g	2 100 g	1 770 g	1 200 g	640 g	706 g	706 g
Flux Density	6 700 Gauss	7 200 Gauss	6 486 Gauss	6 304 Gauss	6 040 Gauss	6 360 Gauss	6 360 Gauss
Hag [mm]	10	10	10	10	8	6 mm	6 mm
Hag [in]	0.394	0.394	0.394	0.394	0.315	0.236 in.	0.236 in.
Hvc [mm]	31	33	27	22	15	20.3 mm	20.3 mm
Hvc [in]	1.213	1.295	1.071	0.870	0.594	0.799 in.	0.799 in.
VC. Diameter	48 mm	48 mm	65 mm	55 mm	40 mm	40 mm	40 mm
Eff	0.20 %	0.19 %	0.12 %	0.09 %	0.05 %	0.28 %	0.19 %
S.P.L.	87.0 dB	87.0 dB	88.0 dB	87.0 dB	85.0 dB	91.0 dB	90.0 dB
R.M.S. Power	350 W	350 W	350 W	250 W	120 W	150 W	120 W
M.M.P.	1 000 W	1 000 W	1 400 W	1 000 W	500 W	800 W	600 W
Sp. Displacement [Liter]	1.64	1.64	2.43	1.70	1.00	1.69	1.26
Sp. Displacement [ft³]	0.058	0.058	0.086	0.060	0.035	0.060	0.045
Recom. Enclosure [Liter]	18.4 to 35.39	18.4 to 35.39	22.64	16.98	11.32	42.5	28.3
Recom. Enclosure [ft³]	0.65 to 1.25	0.65 to 1.25	0.80	0.60	0.40	1.50	1.00
F <sub>s</sub> (in Cabinet)	51.3	53.3	45.1	53.0	73.0	52.0	50.4
Q <sub>s</sub> (in Cabinet)	0.652	0.725	0.999	1.156	1.773	1.338	1.187

\*Figures for the TS-W8102SPL are unavailable.



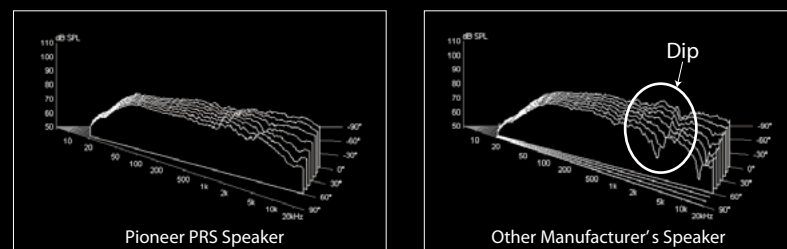


**OPEN & SMOOTH™** Open Stage. Smooth Sailing.

To prove that higher technology in car entertainment systems conquers the toughest real-world conditions, Pioneer put itself to the test. The vehicle: Team Pioneer's drive to realize its sound philosophy. The venue: International Auto Sound Competition Association challenges for in-car sound since 1999. The victory: clear and overwhelming speakers that dominate in all respects. Creating awesome impact from every listener's standpoint, regardless of ride. Pioneer speakers deliver smoother midrange response, better balance and consistency across the frequency spectrum, truer dynamics in precise detail and an extra-expansive soundstage in playback from any source.

**Superior Directivity: Pioneer PRS Speakers**

Pioneer PRS speakers always maintain more open, smooth, expansive, multidimensional sound, without the dramatic dips and inconsistencies that lesser speakers can produce when angled in certain directions.



- PRS Series** Optimal sound purity, designed in every detail to satisfy demanding audiophiles.
- TS-D Series** Best: Easy-to-install 2-way crossover coaxial design for component speaker-quality sound.
- TS-A Series** Better: Extra power handling, reliability and sound performance made affordable.
- TS-G Series** Good: Superior value in high audio technology that even casual listeners can appreciate.

**REV Series (TS-C & TS-D)**

**TS-D901P**

Premier 6" X 9" REV 2-Way Speaker

**350 W MAX.**  
DuPont™ KEVLAR®

- SHARED FEATURES (TS-D901P/TS-D801P):**
- Dual-Layer KEVLAR® Brand Fiber with Rigidite™ IMPP™ Composite Cone
  - Newly-Designed Basket Boasting Much Higher Compressive Strength and Better Damping

- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Bobbin
- Conex Damper

- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Wave Guides for Dispersion Control
- Built-in LC Network (-12 dB/Oct. LPF & HPF)



TS-D901P

**TS-D701P**

Premier 6-3/4" REV 2-Way Speaker

**280 W MAX.**  
DuPont™ KEVLAR®

- SHARED FEATURES (TS-D701P/TS-D601P):**
- Dual-Layer KEVLAR® Brand Fiber with Rigidite™ IMPP™ Composite Cone
  - Butyl Rubber Surround for Smoother Response

- Glass-Imide Voice Coil Bobbin
- Conex Damper
- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Wave Guides for Dispersion Control

- Built-in LC Network (-12 dB/Oct. LPF & HPF)
- Newly-Designed Basket Boasting Much Higher Compressive Strength and Better Damping



TS-D701P

**TS-C160R**

6-1/2" REV Component Speaker Package

**250 W MAX.**  
DuPont™ KEVLAR® VCCS™

- TS-C160R:**
- 6-1/2" KEVLAR® Brand Fiber Composite Cone Woofer
  - CCAW (Copper-Clad Aluminum Wire) Voice Coil
  - Fits GM Oversized 6-1/2" Applications

- TS-C130R:**
- 5-1/4" KEVLAR® Brand Fiber Composite Cone Woofer

- SHARED FEATURES (TS-D160R/TS-C130R):**
- Butyl Rubber Surround for Smoother Response
  - Glass-Imide/Copper Voice Coil Bobbin
  - Conex Damper
  - VCCS™ (Voice Coil Cooling System) with Aluminum Dust Cap

- Extended Pole Yoke
- 1" Lightweight Soft Dome Tweeter with Magnetic Fluid and Neodymium Magnet
- Surface (Angled) or Flush Swivel Mounting

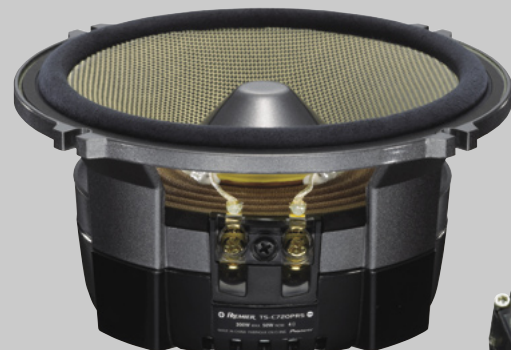
- Outboard Crossover Network Included with -12 dB/Oct. HPF and -12 dB/Oct. LPF, Tweeter Protection Circuit and Tweeter Level Adjustment (0, -3 dB)
- Aluminum Die-Cast Full-Depth Basket for Rich Bass Response
- Gold-Plated Binding Posts



TS-C160R

**PRS Series**

PRS Speaker (Woofer)



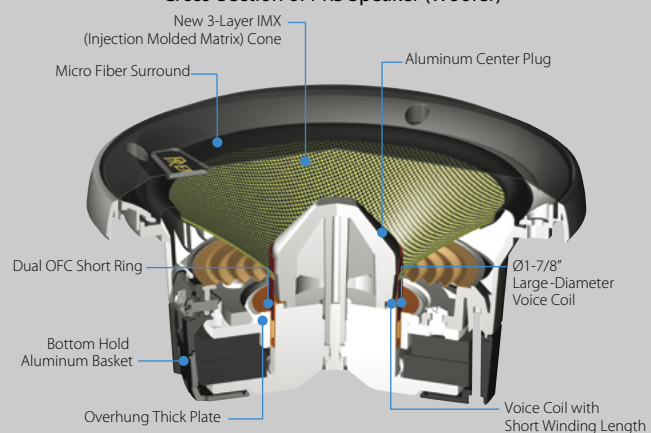
PRS Speaker (Tweeter)



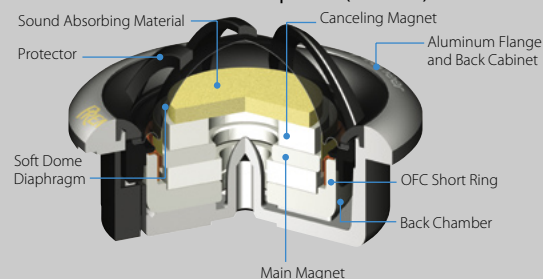
Network Unit



**Cross-Section of PRS Speaker (Woofer)**



**Cross-Section of PRS Speaker (Tweeter)**



**TS-C720PRS**

Premier 6-3/4" Component Speaker Package

**200 W MAX.**  
INJECTION MOLDED CONE

- 6-3/4" 3-Layer IMX (Injection Molded Matrix) Composite Cone Woofer
- 6" x 8" and Shallow Mount Adapters Included

**SHARED FEATURES (TS-C720PRS/TS-C520PRS):**

- High Density Micro Fiber Surround for Smoother Response
- Short Voice Coil & Wide Magnetic Field Design for Symmetric & Linear Cone Motion
- Dual OFC Short Ring for Reduced Distortion
- Bottom-Hold Design Aluminum Die-Cast Rigid Chassis
- Aluminum Die Cast Center Plug
- 1-1/8" Lightweight Soft Dome Tweeter
- Cancel Magnet Design for Extremely High Density Magnetic Field

- Rear Chamber Design for Lower Crossover Frequency
- Aluminum Die Cast Tweeter Chassis
- Surface (Angled), Flush or Invisible Tweeter Mounting Kit
- Audiophile-Grade Outboard Crossover Network Included with -12 dB/Oct. LPF/HPF
- Protection Circuit and 3-Step Tweeter Level Adjustment
- Gold-Plated Screw-Type Terminals

**TS-C520PRS**

Premier 5-1/4" Component Speaker Package

**150 W MAX.**  
INJECTION MOLDED CONE

- 5-1/4" 3-Layer IMX (Injection Molded Matrix) Composite Cone Woofer
- 6" x 8" Mount Adapter Included



Rear View

**Micro Fiber Surround: Maximum Musical Response**

The strong, high-density micro fiber material surrounding the woofer of a PRS speaker is very light and low in resistance and internal loss characteristics. This enhances linearity of the short winding length of the voice coil, thereby optimizing efficiency. Moreover, micro fiber doesn't stretch so it does a better job than other materials to control vibration and enables higher power input. The result is faster response and more accurate bass reproduction that allows all music to be heard to greatest advantage.

**New 3-Layer IMX (Injection Molded Matrix) Cone**

The PRS speakers come with woofers featuring 2nd-generation multi-layer cones. These are patent-pending cones with Composite Foamed IMPP, which uses Interlaced Aramid Fiber sandwiched between Aramid Fiber (woven carbon-blended fiber) and glass fiber layers. This combination ensures greater rigidity and superior resistance against bending — ideal for reproducing midrange sound. Plus, the new multi-layer cone boasts a light weight and uniform physical properties, because no adhesive is used in the molding process.

DuPont and/or DU PONT-TORAY CO., LTD. produce KEVLAR® brand fiber. DuPont™ and KEVLAR® are trademarks and registered trademarks of DuPont or its affiliates and are used under license by Pioneer. Speaker Specifications located on Page 38.



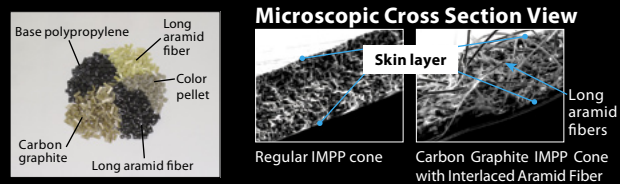


## Smooth Sound

Experience smooth sound with A-Series speakers. Pioneer's exclusive technology enriches your music by producing clear, open sound. Bring out the detail of your music with A-Series speakers.

### Composite IMPP Cone with Interlaced Aramid Fiber

With long aramid fibers interlacing together inside, this IMPP cone design provides the strength and rigidity that powerful bass sound requires. High-density compressed internal architecture is resilient, stacks up against high power well and transfers sound quickly. The result is full-bodied, rich sound character with midrange depth that conventional IMPP cones cannot match.



### TS-A Series

#### TS-A6992R

NEW

460 W MAX.

6" x 9" 5-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- Light Weight Copper Clad Aluminum Voice Coil Design
- 1-13/16" Light Weight Balanced Dome Midrange Design with Magnetic Fluid
- 1-3/16" Cone Tweeter with Neodymium Magnet
- 7/16" and 3/8" Silver PET Film Dome Supertweeter
- Full Depth Basket for Longer Excursion and Richer Bass

#### TS-A942P

NEW

440 W MAX.

Premier 6" x 9" 4-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- Light Weight Copper Clad Aluminum Voice Coil Design
- 1-13/16" Light Weight Balanced Dome Midrange Design with Magnetic Fluid
- 11/16" Dome Tweeter
- 7/16" Silver PET Film Dome Supertweeter
- Full Depth Basket for Longer Excursion and Richer Bass

#### TS-A6962R

NEW

250 W MAX.

6" x 9" 3-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Foamed Rubber Coated Cloth Surround
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- 2-1/4" Cone Midrange
- 11/16" Silver PET Film Dome tweeter
- Shallow Basket for Installation Versatility

#### TS-A932P

NEW

300 W MAX.

Premier 6" x 9" 3-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Foamed Rubber Coated Cloth Surround
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- 1-13/16" Light Weight Balanced Dome Midrange Design with Magnetic Fluid
- 11/16" Silver PET Film Dome Tweeter
- Shallow Basket for Installation Versatility

#### TS-A642P

NEW

280 W MAX.

Premier 6-1/2" 4-Way Speaker


**FEATURES:**

- 1-1/2" Light Weight Balanced Dome Midrange Design with Neodymium Magnet and Magnetic Fluid
- 3/8" Dome Supertweeter
- Full-Depth Basket for Rich Bass Response

**SHARED FEATURES (TS-A642P/TS-A632P):**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Butyl Rubber Surround for

#### TS-A632P

NEW

220 W MAX.

Premier 6-1/2" 3-Way Speaker


**FEATURES:**

- 1-5/16" Light Weight Balanced Dome Midrange Design with Neodymium Magnet and Magnetic Fluid
- Shallow Mounting Depth for Increased Installation Coverage

**SHARED FEATURES (TS-A642P/TS-A632P):**

- Smoother Response
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities Circuit
- 7/16" Dome Tweeter

#### TS-A4672R

NEW

150 W MAX.

4" x 6" 3-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Foamed Rubber Coated Cloth Surround
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- 15/16" Light Weight Balanced Dome Midrange Design with Neodymium Magnet and Magnetic Fluid
- 3/8" Dome Tweeter
- Custom-Fit US/European Compatible Basket Design

#### TS-A1072R

NEW

150 W MAX.

4" 3-Way Speaker


**FEATURES:**

- Carbon Graphite IMPP Cone Woofer Using Interlaced Aramid Fiber
- Foamed Rubber Coated Cloth Surround
- Glass-Imide Voice Coil Former for Higher Power Handling Capabilities
- 15/16" Light Weight Balanced Dome Midrange Design with Neodymium Magnet and Magnetic Fluid
- 3/8" Dome Tweeter
- Custom-Fit US/European Compatible Basket Design

#### TS-A841P

260 W MAX.

Premier 6" x 8" 4-Way Speaker


**FEATURES:**

- 5/8" Dome Tweeter
- 3/8" Dome Supertweeter

**SHARED FEATURES (TS-A841P/TS-A831P):**

- IMPP Cone Woofer
- Rubber Surround
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- 1-5/8" Lightweight Balanced Dome Midrange
- Shallow-Depth Basket
- Custom Fit for Ford and Mazda Vehicles

**FEATURE:**

- 3/8" Dome Tweeter

#### TS-A831P

240 W MAX.

Premier 6" x 8" 3-Way Speaker



#### TS-A741P

250 W MAX.

Premier 6-3/4" 4-Way Speaker


**FEATURES:**

- IMPP Cone Woofer
- Rubber Surround
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- 1-5/8" Lightweight Balanced Dome Midrange
- 5/8" Dome Tweeter
- 3/8" Dome Supertweeter

#### TS-A531P

180 W MAX.

Premier 5-1/4" 3-Way Speaker


**FEATURES:**

- IMPP Cone Woofer
- Rubber Surround
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- 1-5/8" Balanced Soft Dome Midrange
- 3/8" Dome Tweeter

#### TS-A4103

120 W MAX.

4" x 10" 2-Way Speaker

**FEATURES:**

- IMPP Composite Cone Woofer
- 1-5/8" Cone Tweeter

#### TS-A878

60 W MAX.

3-1/2" Dash-Mount 2-Way Speaker

**FEATURES:**

- 3-1/2" IMPP Composite Cone Woofer
- High-Energy Strontium Magnet (Woofer)
- 1" PEI (Poly-Ether Imide) Dome Tweeter
- Ultra-Slim Neodymium Magnet (Tweeter)

Speaker Specifications located on Page 38.



TS-G Series

**TS-G6841R** 6" x 8" 2-Way Speaker **150 W MAX.**

- FEATURES:**
- Metallic Silver IMPP Composite Cone Woofer
  - 1-3/16" PEI Balanced Dome Tweeter with Neodymium Magnet
  - Poly-Imide Voice Coil Bobbin
  - Conex Damper
  - Shallow-Depth Basket for Increased Installation Versatility



**TS-G1641R** 6-1/2" 2-Way Speaker **160 W MAX.**

- FEATURES:**
- Metallic Silver IMPP Composite Cone Woofer
  - 1-3/16" PEI Balanced Dome Tweeter with Neodymium Magnet
  - Poly-Imide Voice Coil Bobbin
  - Conex Damper
  - 6-3/4" Compatibility (GM Tabs)
  - Shallow-Depth Basket for Increased Installation Versatility



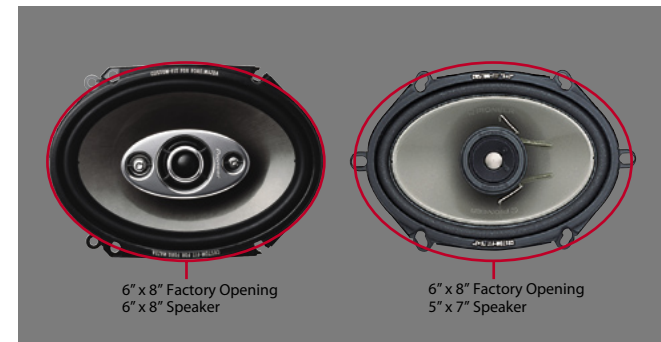
**TS-G4641R** 4" x 6" 2-Way Speaker **100 W MAX.**

- FEATURES:**
- Metallic Silver IMPP Composite Cone Woofer
  - 1-3/16" PEI Balanced Dome Tweeter with Neodymium Magnet
  - Poly-Imide Voice Coil Bobbin
  - New Custom-Fit US/European Compatible Basket Design



**6" x 8" Perfect Fit Speakers**

There are a few things in life we'll never understand. Like why do stereo companies keep trying to force people to put 5" x 7" speakers in 6" x 8" holes? It doesn't look or sound right. That's why we've researched exactly what dimension speakers would work best with what cars. If it doesn't fit perfect, it's not gonna sound perfect. Trust us on this.



**TS-G1341R** 5-1/4" 2-Way Speaker **130 W MAX.**

- FEATURES:**
- Metallic Silver IMPP Composite Cone Woofer
  - 1-3/16" PEI Balanced Dome Tweeter with Neodymium Magnet
  - Poly-Imide Voice Coil Bobbin
  - Conex Damper
  - Shallow-Depth Basket for Increased Installation Versatility



**TS-G1041R** 4" 2-Way Speaker **110 W MAX.**

- FEATURES:**
- Metallic IMPP Composite Cone Woofer
  - 1-3/16" PEI Balanced Dome Tweeter with Neodymium Magnet
  - Poly-Imide Voice Coil Bobbin
  - 4 & 2-Hole Compatibility with Removable Screw Holes



Other Speakers

**TS-P462** 4" x 6" 2-Way Component Plate Speaker **150 W MAX.**

- FEATURES:**
- 4" Foamed IMPP Composite Cone
  - Butyl Rubber Surround for Smoother Response
  - High-Energy Strontium Magnet (Woofer)
  - Latex-Treated Conex Damper
  - Kapton Voice Coil Bobbin
  - 1" Soft-Dome Tweeter with Neodymium Magnet
  - Built-In Passive Crossover (-6 dB/Oct. LPF, -12 dB/Oct. HPF)



**TS-X200** Surface-Mount 3-Way Speaker **80 W MAX.**

- FEATURES:**
- 4" IMPP Composite Cone Woofer
  - 2-1/4" Cone Midrange
  - 3/4" Horn Tweeter
  - Top-Mounting Bracket
  - Bass-Reflex Cabinet
- SPECIFICATIONS:**
- 80 Watts Max. Music Power (20 Watts Nominal)
  - Frequency Response: 65 Hz to 30 kHz
  - Sensitivity: 89 dB
  - 4 Ω Rated



**TS-TRX1000** Truck Riders® Series 3-Way Speaker System **250 W MAX.**

- FEATURES:**
- 10" IMPP Composite Cone Woofer
  - 2-5/8" Horn Midrange
  - 2-1/4" Horn Tweeter
  - Optimized Bass-Reflex Design to Ensure Rich and Powerful Bass Reproduction
  - Mounting Belts and Plates Included
- SPECIFICATIONS:**
- 250 Watts Max. Music Power (100 Watts Nominal)
  - Frequency Response: 35 Hz to 24 kHz
  - Sensitivity: 94 dB
  - 4 Ω Rated
  - Dimensions: 24" x 15" x 4-3/8"



**TS-C1653** 6-1/2" Component Speaker Package **150 W MAX.**

- FEATURES:**
- 6-1/2" Foamed IMPP Composite Cone Woofer (Titanium Grey)
  - 7/8" Soft Dome Tweeter with Neodymium Magnet and Magnetic Fluid
  - Full-Depth Basket for Rich Bass Response
  - New Basket Provides Improved Fit on GM Oversized 6-1/2" Applications

- SHARED FEATURES (TS-C1653/TS-C1353):**
- Butyl Rubber Surround
  - Surface (Angled) or Flush Swivel Mounting
  - Outboard Crossover Network Included with -18 dB/Oct. HPF and -6 dB/Oct. LPF Filters and Tweeter Protection Circuit

- FEATURES:**
- 5-1/4" Foamed IMPP Composite Cone (Titanium Grey)
  - 7/8" Soft Dome Tweeter with Neodymium Magnet and Magnetic Fluid



**TS-T15** 3/4" Component Soft Dome Tweeter **120 W MAX.**

- FEATURES:**
- Small-Sized (3/4") Polyester Fiber Soft Dome Tweeter with Neodymium Magnet and Magnet Fluid
  - -6 dB/Oct. Capacitor for Tweeter Protection (Included)
  - Flush and Surface Mounting Capabilities
- SPECIFICATIONS:**
- 120 Watts Max. Music Power (40 Watts Nominal) (with Network)
  - Frequency Response: 2 500 Hz to 30 kHz
  - Sensitivity: 90 dB
  - 4 Ω Rated



**TS-T110** 7/8" Component Hard Dome Tweeter **120 W MAX.**

- FEATURES:**
- 7/8" PPTA Hard Dome Tweeter with Strontium Magnet and Magnetic Fluid
  - In-Line -6 dB/Oct. Capacitor for Tweeter Protection
  - Surface or Flush Mounting Capabilities
- SPECIFICATIONS:**
- 120 Watts Max. Music Power (40 Watts Nominal) (with Included Crossover)
  - Frequency Response: 2 500 Hz to 30 kHz
  - Sensitivity: 90 dB
  - 4 Ω Rated



Speaker Specifications located on Page 38.



## Nautica Series

To us, "mobile audio" extends out onto water, and our high-grade Nautica Series marine speakers are designed specifically for this application. They are water- and corrosion-resistant, with magnets that are sealed away from moisture. Even the parts and terminals are marinated, for long life and great music.



**TS-MR2040** 200 W MAX.  
Nautica® Series  
8" Marine-Use 2-Way Speaker

- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
  - Water-Resistant Elastomer Surround
  - Glass-Imide Voice Coil Bobbin
  - Conex Damper
  - 3/4" PI (Poly Imide) Reflex Horn Tweeter Design
  - High-Quality Corrosion-Resistant Hardware
  - Gold-Plated Tinsel Leadwire and Terminals
  - Weather-Proof and Heat-Resistant Resin



**CD-MR80D**  
Wired Marine Remote Control

- FEATURES:**
- Compatible with Pioneer 1-DIN CD Receivers\*
  - The display indicates channel number, track number, operation status, etc.
  - Satellite Radio Tuner Indications\*\*
  - ATT (Volume Attenuator) Button
  - Dimensions (W x H x D): 3-7/8" x 2-13/16" x 1-13/16" (98 mm x 72 mm x 46 mm)

\* For details about compatible units and available controls, contact your dealer or nearest Pioneer Service Center.

\*\* Available in conjunction with DEH-P980BT, DEH-P790BT, DEH-P690UB, DEH-P590IB, DEH-P490IB and DEH-P390MP



**TS-MR1640** 160 W MAX.  
Nautica® Series  
6-1/2" Marine-Use 2-Way Speaker

- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
  - Water-Resistant Elastomer Surround
  - Glass-Imide Voice Coil Bobbin
  - Conex Damper
  - 1-1/8" PEI (Poly-Ether Imide) Dome Tweeter with Magnetic Fluid and Equalizer
  - High-Quality Corrosion-Resistant Hardware
  - Gold-Plated Leadwire and Terminals
  - Weather-Proof and Heat-Resistant Resin



**CD-MR70**  
Wired Marine Remote Control

- FEATURES:**
- Compatible with all Pioneer Wired Remote Ready Headunits
  - Weatherproof Sealed Design
  - Mini Plug Cable Supplied (7m Length)
  - Dimensions (W x H x D): 4" x 2-5/8" x 1-13/16" (102 mm x 67 mm x 46 mm)



**TS-MR1600** 100 W MAX.  
Nautica® Series  
6-1/2" Marine-Use Dual-Cone Speaker

- FEATURES:**
- White Water-Resistant IMPP Cone Woofer
  - Water-Resistant Elastomer Surround
  - Glass-Imide Voice Coil Bobbin
  - Conex Damper
  - High-Quality Corrosion-Resistant Hardware
  - Gold-Plated Tinsel Leadwire and Terminals
  - Weather-Proof and Heat-Resistant Resin



**AD-MR92**  
Nautica® Series Waterproof Marine Stereo Cover

- FEATURES:**
- Fully Weatherproof Cover Designed Exclusively for Marine Environment
  - Exclusive "Vertical Opening Locking Bubble"
  - Stainless Steel Mounting Hardware (Included)



### Speakers Specifications

Speakers	Size	Max. Music Power (Nominal)	Frequency Response	Sensitivity (1W/1m)	Impedance	Mounting Depth	Cut-Out Dimensions
TS-C720PRS	6-3/4"	200 W (50 W)	25 Hz to 32 kHz	88 dB	4 Ω	2-5/8" (67 mm)	5-1/2" (140 mm)
TS-C520PRS	5-1/4"	150 W (30 W)	35 Hz to 32 kHz	88 dB	4 Ω	2-1/4" (57 mm)	4-3/4" (121 mm)
TS-D901P	6" x 9"	350 W (80 W)	22 Hz to 32 kHz	91 dB	4 Ω	3-1/2" (88.8 mm)	6" x 8-7/8" (153 mm x 225 mm)
TS-D801P	6" x 8"	260 W (60 W)	27 Hz to 32 kHz	91 dB	4 Ω	2-9/16" (65.5 mm)	5-1/4" x 7-1/2" (133 mm x 191 mm)
TS-D701P	6-3/4"	280 W (60 W)	25 Hz to 32 kHz	91 dB	4 Ω	2-9/16" (64.5 mm)	5-1/2" (139 mm)
TS-D601P	6-1/2"	260 W (60 W)	27 Hz to 32 kHz	90 dB	4 Ω	2-5/16" (59 mm)	5-1/16" (128 mm)
TS-C160R	6-1/2"	250 W (60 W)	25 Hz to 32 kHz	90 dB	4 Ω	2-3/8" (60.5 mm)	5-1/16" (128 mm)†
TS-C130R	5-1/4"	180 W (40 W)	35 Hz to 32 kHz	90 dB	4 Ω	2-1/4" (56.5 mm)	4-3/4" (121 mm)†
TS-A6992R	6" x 9"	460 W (80 W)	25 Hz to 35 kHz	93 dB	4 Ω	3-7/16" (87 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A6962R	6" x 9"	250 W (40 W)	28 Hz to 28 kHz	93 dB	4 Ω	2-5/6" (72 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A942P	6" x 9"	440 W (80 W)	25 Hz to 33 kHz	93 dB	4 Ω	3-3/8" (85 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A932P	6" x 9"	300 W (40 W)	28 Hz to 33 kHz	93 dB	4 Ω	2-5/6" (72 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A642P	6" x 9"	280 W (80 W)	25 Hz to 33 kHz	93 dB	4 Ω	3-3/8" (85 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A632P	6" x 9"	220 W (40 W)	28 Hz to 33 kHz	93 dB	4 Ω	2-5/6" (72 mm)	6" x 8-5/8" (151 mm x 220 mm)
TS-A4672R	4" x 6"	150 W (20 W)	45 Hz to 30 kHz	90 dB	4 Ω	1-3/4" (45 mm)	3-1/4" x 5-1/2" (83 mm x 141 mm)
TS-A1072R	4"	150 W (20 W)	45 Hz to 30 kHz	90 dB	4 Ω	1-11/16" (43 mm)	3-1/2" (90 mm)
TS-A841P	6" x 8"	260 W (50 W)	30 Hz to 30 kHz	91 dB	4 Ω	2-1/2" (62 mm)	7-1/2" x 5-1/4" (191 mm x 133 mm)
TS-A831P	6" x 8"	240 W (50 W)	30 Hz to 28 kHz	90 dB	4 Ω	2-1/2" (62 mm)	7-1/2" x 5-1/4" (191 mm x 133 mm)
TS-A741P	6-3/4"	250 W (50 W)	28 Hz to 30 kHz	91 dB	4 Ω	2-7/16" (62.5 mm)	5-1/2" (139 mm)
TS-A531P	5-1/4"	180 W (35 W)	40 Hz to 30 kHz	91 dB	4 Ω	2-1/16" (52.8 mm)	4-3/4" (121 mm)
TS-A4103	4" x 10"	120 W (35 W)	38 Hz to 23 kHz	91 dB	4 Ω	2-1/2" (64 mm)	6-7/8" x 3-3/8" (175 mm x 85 mm)
TS-A878	3-1/2"	60 W (15 W)	60 Hz to 28 kHz	88 dB	4 Ω	1-3/8" (36 mm)	3" (77 mm)
TS-G6841R	6" x 8"	150 W (30 W)	35 Hz to 22 kHz	91 dB	4 Ω	2-1/2" (64 mm)	5-1/4" X 7-13/16" (133 mm X 199 mm)
TS-G1641R	6-1/2"	160 W (30 W)	35 Hz to 22 kHz	91 dB	4 Ω	1-5/8" (42 mm)	5-1/16" (128 mm)
TS-G1341R	5-1/4"	130 W (25 W)	60 Hz to 22 kHz	91 dB	4 Ω	1-13/16" (46 mm)	4-3/4" (121 mm)
TS-G4641R	4" x 6"	100 W (20 W)	45 Hz to 22 kHz	91 dB	4 Ω	1-3/4" (45 mm)	6" x 3-3/4" (153 x 95 mm)
TS-G1041R	4"	110 W (20 W)	80 Hz to 22 kHz	91 dB	4 Ω	1-11/16" (43 mm)	4-3/16" (106 mm)
TS-P462	4" x 6"	150 W (50 W)* 80 W (20 W)**	70 Hz to 32 kHz 45 Hz to 32 kHz**	89 dB	4 Ω	1-5/8" (42 mm)	4" x 6" (100 mm x 153 mm)
TS-MR2040	8"	200 W (40 W)	25 Hz to 30 kHz	92 dB	4 Ω	2-15/16" (75 mm)	7-5/16" (186 mm)
TS-MR1640	6-1/2"	160 W (30 W)	30 Hz to 30 kHz	91 dB	4 Ω	2-3/16" (56 mm)	5-1/8" (130 mm)
TS-MR1600	6-1/2"	100 W (25 W)	30 Hz to 20 kHz	90 dB	4 Ω	2-3/16" (56 mm)	5-1/8" (130 mm)

\* With 400 Hz, -6 dB/Oct. HPF; \*\* Without Crossover; † Woofer dimensions

### AUDIO VIDEO ACCESSORIES

**CD-BTB200** NEW  
Bluetooth Adapter  
Details on pages 14 and 15.

**AD-GA10**  
Offset Installation Kit  
For use with AVH-P7800DVD, AVH-P6800DVD, and AVH-P4900DVD.

**CD-V61FM**  
Add-on FM Modulator  
Compatible with any 2ch Audio Source.

**CD-VS33**  
Video Switcher  
Universal switcher with 3 AV inputs, 3 video inputs, 2 headphone outputs with volume control and independent AV selector.

**TS-CX7**  
Center Channel Speaker  
Combine the high quality TS-CX7 with the AVH-P7800DVD for true surround sound.

### NAVIGATIONAL ACCESSORIES

**ND-BT1**  
Bluetooth Adapter  
Details on pages 14 and 15.

**ND-BC2** NEW  
Universal Rear View Camera  
Details on pages 14 and 15.

**CD-VC1**  
Voice Command Pack  
Package includes voice recognition mic and steering wheel remote. For use only with AVIC-N3.

**CD-TS37GP**  
Navigation Guidance Speaker  
Optional guidance speaker for use when the AVIC-Z2 or AVIC-N3 is connected to a multi-channel processor.

**CD-SR1**  
Steering Remote Control  
Compatible with AVIC-Z2.

**CD-SR11**  
Steering Remote for Pioneer Navigation Systems  
Compatible with AVIC-N3.

**CD-RV1**  
Rear Seat Mini Remote  
Allows rear-seat passenger to control AVIC-N3's or AVIC-Z2's DVD playback functions. For use only with AVIC-N3 and AVIC-Z2.

**CD-SC300E**  
Trunk-Mount Extension System Cable (3 meter)  
Extension between main unit and the hideaway box. (For use with AVIC-N3)

**CD-600DC**  
Data Communication Cable (6 meter)  
For connecting the GEX-P10XMT with AVIC-N3 or AVIC-Z2.

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### iPod® ACCESSORIES

**CD-IB100II**  
iPod® Interface Adapter  
Details on pages 14 and 15.

**CD-I200** NEW  
Interface Cable for iPod®  
Details on pages 14 and 15.

### AUDIO VIDEO/NAVIGATION CABLES

**CD-RM10** NEW  
AUX Input-Video  
Details on pages 14 and 15.

**CD-AB300**  
AV-Bus Cable (3 meter)  
Male-to-Male. For use with AVH-P7800DVD, AVH-P6800DVD, and AVH-P4900DVD when connecting to XDV-P6.

**CD-AB301E**  
AV-Bus Extension Cable (3 meter)  
Female-to-Male Extension Cable. For use with AV products.

**CD-AB50**  
AV-Bus Cable (0.5 meter)  
Male-to-Male. For use with AVH-P7800DVD, AVH-P6800DVD, and AVH-P4900DVD when connecting to XDV-P6.

**CD-IP601E**  
IP-Bus Extension Cable (6 meter)  
Female-to-Male Extension Cable. For use with AV products.

**CD-RGB31E**  
20-pin RGB Extension Cable (3 meter)  
Female-to-Male RGB Extension Cable. All 20-pin RGB Cables can be extended with this cable.

### REMOTE CONTROLS

**CD-R55** NEW  
Remote Control  
For use with AVH-P4900DVD. Also Compatible with AVIC-D3.

**CD-R600**  
Full Function Smart Remote Control  
For use with remote ready IP-Bus Headunits. (No Video Control)

**CD-R99**  
DVD/TV Tuner Remote Control  
Works with all Pioneer DVD sources. Main use for rear seat passengers

**CD-SR100**  
Steering Wheel Remote Control  
For use with all Remote Control Ready IP-Bus source units (CD Players and DVD Receivers)

### SUBWOOFER ENCLOSURE

**UD-SW12B**  
Subwoofer Enclosure  
Shallow sealed enclosure for use with TS-SW1241D.

**UD-SW10B**  
Subwoofer Enclosure  
Shallow sealed enclosure for use with TS-SW1041D.

**UD-SW10U**  
Subwoofer Enclosure  
Shallow sealed enclosure for use with TS-SW1041D.

**UD-SW8U**  
Subwoofer Enclosure  
Shallow sealed enclosure for use with TS-SW841D.

**UD-W12**  
Subwoofer Enclosure  
SPL ported enclosure for use with TS-W3004SPL, TS-W3001D2, TS-W3001D4, TS-W1207D2 and TS-W1207D4.

**UD-W10**  
Subwoofer Enclosure  
SPL ported enclosure for use with TS-W2504SPL, TS-W2501D2, TS-W2501D4, TS-W1007D2 and TS-W1007D4.

### SPEAKER GRILLES

**UD-G307** NEW  
12" Spoke Grille  
Details on page 29.

**UD-G257** NEW  
10" Spoke Grille  
Details on page 29.

### IP-BUS EXTENSION CABLES

**CD-IP600**  
IP-Bus Cable (6 meter)  
Male-to-Male Extension Cable.

**CD-IP150**  
IP-Bus Extension Cable (1.5 meter)  
Male-to-Male Extension Cable.

### MCD MAGAZINES

**JD-1212S**  
12 Disc Magazine  
For use with FM and Straight 12 Disc Changers, 1996 to current.

**JD-612V**  
6 Disc Magazine  
For use with XDV-P6, FM and Straight 6 Disc Changers, 1996 to current.

### AUXILIARY INPUT ADAPTERS

**CD-UB100** NEW  
IP-Bus USB Adapter  
Details on pages 14 and 15.


**CD-RB20**  
IP-Bus-to-RCA Adapter  
Allows connection of external audio source and MCD player to IP-Bus headunit.

**CD-RB10**  
IP-Bus-to-RCA Adapter  
Allows connection of external audio source to IP-Bus headunit.



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