

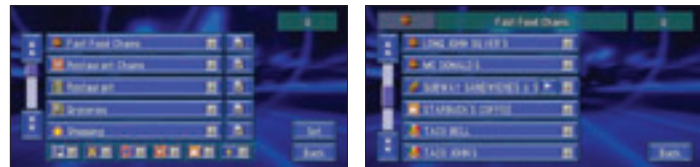
The Revolution Goes On — the Latest Navigation Systems from Pioneer

Pioneer's latest navigation systems — the AVIC-N2 and the double-DIN sized AVIC-D1 — further improve your driving experience with a multitude of advanced features. The units keep drivers better informed — and entertained — with detailed map information for wider area, intuitive touch panel operation, GUI with improved visibility, and CD and/or DVD playback (with AVIC-N2). Additionally, the two systems are ready to deliver detailed traffic information for major cities in conjunction with an optional XM Radio tuner.

Two DVD-ROMs with Massive "Tele Atlas" Map Database

Pioneer Navigation Systems come with two DVD-ROMs containing a massive "Tele Atlas" database, which enables the units to provide a large network of turn-by-turn routable roads. The discs provide nearly 11 million points of interest (POI) throughout the United States and Canada, including Alaska and Hawaii. Find a new museum, restaurant, or coffee shop — complete with addresses and phone numbers. As you're guided along your route, points of interest are overlaid onto the map as colorful, easy-to-recognize logos and icons. This is particularly helpful when driving in unfamiliar areas.

If you are looking for a particular POI, the "POI Search" function is helpful. Simply type in what you're looking for or scroll the map with familiar brand logos and icons. With 258 categories, you can easily locate the nearest Starbucks, Holiday Inn, or 76 station. For example, when you select "76," you're shown the list of any nearby 76 gas stations, with the distance from your current location indicated. Find the restaurants, coffee shops, banks, and gas stations you prefer to use, even while on the road.



POI Search by category with new POI Shortcut Keys List of specific POIs in a category

Touch Panel Operation



Easy Touch Panel Operation

Using Pioneer's navigation system is a snap. Just touch large, bright icons on the screen to navigate menus, plot routes, or change map views. An easy to read status indicator provides current location information, turn distances and approximate time to destination. The touch screen has extremely fast response rates and a wide viewing angle.



Routing Function and Four View Modes

With unprecedented speed and response, Pioneer Navigation Systems can provide the guidance you need. Turn-by-turn directions are provided from your current location to your final destination. The systems even provide instantaneous re-routing when the guidance is not followed. And with the Tele Atlas database powering the system, you've got the largest road network of turn-by-turn routing data working for you.

Calculate one route, and even up to six routes. With Pioneer Navigation Systems, you can select a variety of ways to reach your final destination. Select the Fastest Time, Shortest Distance, even avoid highways. Pioneer provides you with many options, so you can select the one that works best for you.

Additionally, Pioneer Navigation Systems offer four different view modes, including Map View Mode and Driver's View Mode with 3D maps. Whichever mode is selected, essential information is displayed in the same areas of the screen for easy recognition, and graphics, icons, and text come with improved visibility.



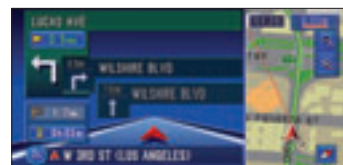
Map View Mode



Driver's View Mode (Not available with AVIC-D1)



Guide View Mode



Route View Mode

Vehicle Dynamic Displays

The AVIC-N2 and AVIC-D1 offer the special Vehicle Dynamics Monitor (VDM) function. Particularly useful for custom vehicles with upgraded tires, wheels, suspension, and other aftermarket equipment, the VDM is a must-have feature, offering an easy, fun, and accurate method of assessing a car's performance with stock equipment as opposed to aftermarket parts. By popular demand, the two units display eight vehicle dynamics, from G-force to slope angle, with four available "skins".



3D Hybrid Sensor

The AVIC-N2, AVIC-D1, and AVIC-880DVD ensure improved precision of your current location information with Pioneer-exclusive 3D Hybrid Sensor. Usually, a navigation system displays your current location based on distance calculation. This means errors can occur when there are hills or slopes on your route. Combining the gyro sensor and an extra G-force sensor, the 3D Hybrid Sensor constantly detects height differentials to compensate for any location errors.

Roadside Assistance Display

The AVIC-N2 and AVIC-D1 ensure extremely easy access to roadside assistance information — as easy as pushing the INFO key with the AVIC-D1, for example. The units show emergency phone numbers and your current location — by street name, city, and state, plus longitude and latitude. The units also display any personal information you've entered, including vehicle identification number, insurance number, and insurance company phone number. There is even a dedicated icon for easily locating the nearest car dealer. Additionally, 1-Year Emergency Roadside Assistance Service is offered free of charge*.



Roadside Assistance Display

*Service provided by Signature's Nationwide Autoclub, Inc. See registration for full details and restrictions.

Stop Wasting Time Stuck in Traffic — Pioneer Navigation Systems featuring XM NavTraffic™

When combined with the GEX-P10XMT XM Digital Satellite Data & Audio Receiver, compatible Pioneer Navigation Systems can receive detailed traffic information as well as XM Radio audio service.

XM NavTraffic™

XM NavTraffic™* powered by NAVTEQ Traffic allows Pioneer Navigation Systems to serve as a powerful tool that helps the driver understand traffic conditions. The traffic information is provided through satellite broadcast as XM NavTraffic™, with data which is aggregated by NAVTEQ Traffic from multiple sources — including leading commercial traffic data providers, government departments of transportation, police and emergency services, road sensors, cameras and airborne reports.

* Requires XM radio subscription and XM NavTraffic™ service subscriptions sold separately.

Traffic on Route Alert and Alternative Route

If there is a traffic jam on the route to your destination, the Navigation System can suggest an alternate route found by the unit.

Traffic Flow at a Glance

Where information is available, traffic flow** is overlaid as a blinking line on the navigation map to let the driver know how fast traffic is flowing. Color coding is used for easy visual identification — red for slow or standstill, yellow for stop-and-go or medium traffic, and green for traffic flowing freely. A circle icon on the line indicates the average speed of the area.

** "Traffic flow" information covers only specific areas of cities listed below.

Traffic Incident Data with Icons

Traffic incidents, such as accidents or lane closures are represented as intuitive icons on the navigation map. In addition, affected road sections are indicated (similar to the traffic flow information explained above) to display the severity and length of the incident. Detailed information about each traffic incident is available by selecting the specific incident icon, or by viewing the traffic incidents list from the Info Menu. Two types of incidents are provided:

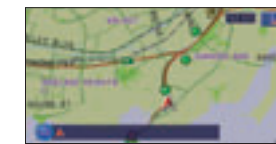
- "Scheduled" traffic incidents including road constructions, road closures — for sporting events etc. — and others
- "Unscheduled" traffic incidents such as accidents and disabled vehicles

Drivers can even select which incidents to display on the map.

XM NavTraffic subscription is required and is available only in select markets. Check www.xmnavtraffic.com for service availability, pricing information, and other details. The availability of XM NavTraffic data depends on the ability of the antenna to receive a signal. The signal may be unavailable if obstructed (e.g., by buildings, mountains, trees, bridges, bad weather, etc.). XM NavTraffic data also may be unavailable or not current if the original data source is not providing data (e.g., scheduled or unscheduled downtime) or has not been updated itself or if there is a time lag between the time the original data source is updated and when you receive the updated XM NavTraffic data.

XM NAVTRAFFIC™

powered by
NAVTEQ
TRAFFIC™



Icons along the road indicate average speed.



Large-scale maps indicate traffic flow with colored dots.



You can select traffic incident icons to display.



List of Traffic Incidents

GEX-P10XMT

NEW FOR 2005

XM NAVTRAFFIC™



XM NavTraffic™ Digital Satellite Tuner for Pioneer Navigation Systems

FEATURES:

- Compatible with Pioneer XM NavTraffic™ Ready Navigation Systems: AVIC-N2, AVIC-D1, and AVIC-N1 (CNDV-50MTP required)
- Dual-Ensemble Tuner receives both XM Satellite Radio and XM NavTraffic™ simultaneously
- 18-Station/3-Band Presets
- Channel Number or Channel Category selection modes
- Display Capability of Channel Name, Channel Category, Artist/Feature Name, Song/Program Title, or Composer
- Graphical icon-based display*
- "List Search" Function*
- MyMix Function*
- InfoExtras (Sports scores, Stock prices, and more)
- RS-232C Output (cable included)
- IP-Bus Input/Output (98-7/16" Cable Included)
- Single-Pole XM Antenna Included
- Dimensions: 5" x 5" x 1-3/8" (127 x 126 x 35mm)
- 1-Year Warranty

* Available with AVIC-D1 only

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 GEX-P10XMT was an Innovations Design and Engineering Award honoree at the 2005 International Consumer Electronics Show. The Innovations Design and Engineering Awards honor superior design and engineering among the year's most technologically advanced products in a wide range of consumer electronics categories.

New User-Friendly GUI with Specific Icons for Channels and Categories (with AVIC-D1)

Each of more than 150 XM Radio channels comes with a specific icon. This ensures easy channel identification, especially when searching with the "List Search" function. Channel categories also come with specific icons, for intuitive selection among corresponding channels.



Enlarged name and icon of currently selected channel are displayed on the screen along with artist name and song title.



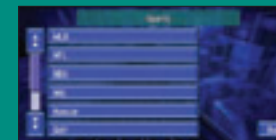
Channel-specific icons are listed with the channel names. The guitar icon above indicates "Rock-channel" category.

MyMix Function (with AVIC-D1)

Favorite songs may be registered with "MEMO" key. The unit can alert passengers when a song is being played on another channel.

Scores of Baseball Games, NFL, NBA, and others

The scores of professional baseball games, football games, and other sporting events can be displayed in text on the monitor.



List of sporting events

Stock Prices

Stock price information can also be displayed. The price change of each stock is indicated along with an up/down arrow.

*The price information is a few minutes old, and not shown in real-time.

The content of information from XM NavTraffic™ and other data services is decided by XM Satellite Radio. Pioneer is not responsible for the availability and quality of information from the services.

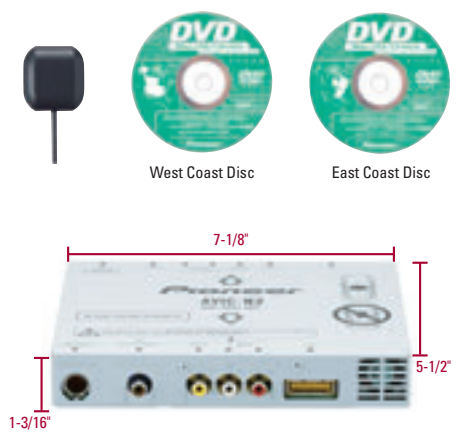
AVIC-N2

NEW FOR 2005

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- MOSFET 50Wx4**
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The AVIC-N2 featuring XM NavTraffic™ was an Innovations Design and Engineering Award honoree at the 2005 International Consumer Electronics Show. The Innovations Design and Engineering Awards honor superior design and engineering among the year's most technologically advanced products in a wide range of consumer electronics categories.



DVD Memory Navigation System with Simultaneous Navigation/AV, Tri-Zone Entertainment, and 6.5-inch Motorized, Touch Panel Display

NAVIGATION & COMPUTER FEATURES:

- US and Canada DVD Map Disc (CNDV-50MT) (Including Hawaii and Alaska)
- XM NavTraffic™ Compatibility for Receiving Detailed Traffic Information and Other Data Services (GEX-P10XMT and XM Subscription required)
- Roadside Assistance Display
 - Display Current Location by Street Name and Latitude/Longitude
 - Store Key Emergency Contact Information
 - 1-Year Emergency Roadside Assistance Service included FREE*
- RISC CPU for Navigation and Vehicle Dynamics Display Functions
- Exclusive 32-Bit Positioning CPU
- 64M SDRAM
- Flash Memory
- Graphic Processor
- 3D Hybrid Sensor
- Voice Control Interface (with Optional Mic CD-VC1)
- GPS Receiver and Antenna
- RS232C Interface for Receiving XM Data Service

DVD PLAYER FEATURES:

- Ultra-Slim Built-In DVD/CD/MP3 Player
- Compatible with DVD-Video/DVD-R/RW/CD/CD-R/RW/MP3
- 96/48/44.1 f.s. 24-bit 2ch DA Converter
- CD-Text with ID3 Tag

LCD DISPLAY FEATURES:

- 6.5" Widescreen TFT Active Matrix LCD Color Display
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Fully Motorized Mechanism with Display Angle Adjustment
- Automatic Display Positioning
- Intelligent Dimmer Control
- Picture Adjustment (Brightness, Contrast, Color, Hue, Dimmer Settings)
- Independent Rear-View Camera Input and Split Screen IC
- 10 Character Sub Display
- Enhanced Color GUI & Animated Background Images
- Background Images Downloadable from CD-R
- Direct Source Selection by Touch

AV RECEIVER FEATURES:

- Multi-Channel Processor Ready (Optional OEL Controller & Processor)
- MOSFET50 (50Wx4-Channel High Power)
- 3 Pair RCA Preout (2V)
- 3-Band Parametric EQ
- Supertuner® III D™ (AM/FM)
- IP-Bus System Control
 - iPod® Adapter Ready (CD-IB100 required)
 - Satellite Radio Ready for XM or SIRIUS Satellite Radio Tuner
 - MCD Control
 - Dual DVD Control (XDV-P90 Multi-DVD Player)
 - Auxiliary Input (CD-RB10 or CD-RB20 required)
 - 2 External Unit Control
- AV Bus Input (for use with GEX-P5700TV or XDV-P90) (CD-AB50 is required for XDV-P90)
- Composite A/V Input (AV1) for VCP or Game
- Composite A/V Output for Triple Zone Function
- Background Video Capability
- Detachable Face Security™
- Wired Remote Control Input
- Optional Steering Wheel Remote Control (CD-VC1 or CD-SR11)
- Optional Rear-Seat Entertainment Remote Control (CD-RV1)

*Service provided by Signature's Nationwide Autoclub, Inc. See registration for full details and restrictions.

It's a three-in-one system — thanks to Memory Navigation

The Pioneer AVIC-N2 does three jobs well at the same time — it gives the driver the guidance along the route, it lets the passengers up front listen to AM/FM or satellite radio*, and it keeps the rear-seat passengers entertained with DVD movies, all simultaneously. Pioneer's Memory Navigation is an industry-first mapping technology that lets the driver access the features of both the navigation and AV system at the same time.

It's a snap to use Memory Navi. Load the map disc and set the destination to calculate the route. Then the route information is automatically stored in memory. Now you can remove the map disc to insert a CD, or load a movie DVD for rear-seat entertainment.



*XM or SIRIUS satellite radio and subscription required (not included).

Voice Command

Pioneer has taken conventional voice command operations to a higher level. Not only is it advanced in the sense of recognizing different voices and commands, the AVIC-N2 has moved into new media areas entirely. In addition to using Voice Command to control your navigation system, you can use it to change media sources, radio stations, and even adjust EQ levels. In fact, it seems the only thing your voice recognition system doesn't do is ignore you. To access Voice Command functions, the optional CD-VC1 Voice Command Pack is required.

10-Character Sub-Display

Thanks to an illuminated sub-display, you're still able to operate AVIC-N2 when the 6.5-inch monitor is closed. The 10-character display provides basic system information and control without requiring full extension of the video monitor.



AVIC-D1

NEW FOR 2005

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- MOSFET 50Wx4**
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Double-DIN DVD Navigation System with 6.5-inch Motorized, Touch Panel Display and a Separate CD Slot

NAVIGATION & COMPUTER FEATURES:

- US and Canada DVD Map Disc (CNDV-50MT) (Including Hawaii and Alaska)
- XM NavTraffic™ Compatibility for Receiving Detailed Traffic Information and Other Data Services (GEX-P10XMT and XM Subscription required)
- Roadside Assistance Display
 - Display Current Location by Street Name and Latitude/Longitude
 - Store Key Emergency Contact Information
 - 1-Year Emergency Roadside Assistance Service included FREE*
- RISC CPU for Navi and Vehicle Dynamics Display Functions
- Exclusive 32-Bit Positioning CPU
- 64M SDRAM
- Graphic Processor
- 3D Hybrid Sensor
- GPS Receiver and Antenna
- RS232C Interface for Receiving XM Data Service

LCD DISPLAY FEATURES:

- 6.5" Widescreen TFT Active Matrix LCD Color Display
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Fully Motorized Mechanism with Display Angle Adjustment (6 Settings)
- Automatic Display Positioning
- Intelligent Dimmer Control
- Picture Adjustment (Brightness, Contrast, Color, Hue, Dimmer Settings)
- Independent Rear-View Camera Input and Split Screen IC
- New Enhanced Color GUI & Animated Background Images
- Direct Source Selection by Touch

AV RECEIVER FEATURES:

- Playable Sources
 - CD/CD-R/CD-RW/MP3/WMA (Slot 1)
 - Map DVD-ROM (Slot 2)
- MOSFET50 (50Wx4-Channel High Power)
- 3 Pair RCA Preout (2V)
- 3-Band Parametric EQ
- Supertuner® III D™ (AM/FM)
- IP-Bus System Control
 - Advanced XM Satellite Radio Control (GEX-P10XMT required)
 - iPod® Adapter Ready (CD-IB100 required)
 - Satellite Radio Ready for XM or SIRIUS Satellite Radio Tuner
 - DVD Control (XDV-P90 Multi-DVD Player)
 - MCD Control
 - Auxiliary Input (CD-RB10 or CD-RB20 required)
 - 2 External Unit Control
- AV Bus Input (for use with GEX-P5700TV or XDV-P90 Player) (CD-AB50 is required for XDV-P90)
- Composite A/V Input (AV1) for VCP or Game
- Wired Remote Control Input
- Optional Steering Wheel Remote Control (CD-SR11)

*Service provided by Signature's Nationwide Autoclub, Inc. See registration for full details and restrictions.

CD-SR11



Steering Remote for Pioneer Navigation Systems (Optional)
Compatible with AVIC-D1, AVIC-N1, and AVIC-N2

NEW FOR 2005

CD-TS37GP

Navigation Guidance Speaker
Optional guidance speaker for use when the AVIC-N2 is connected to a multi-channel processor.

Easy to Use, and Easy on the Eyes

The unique, double-DIN size navigation system features the 6.5-inch display panel, which smartly hides the disc slots. In addition to enhancing the visual integrity of the dashboard, the design delivers user-friendly operation, by positioning the basic control keys around the screen for easy reach.

The unit also features "TRFC" key — just push the button, and the unit is automatically tuned to a pre-selected XM Instant Traffic & Weather channel*, for traffic and weather information for the local region 24 hours a day, 7 days a week.

*Up to 21 channels are available, each covering a specific major area.

This feature is only operational when connected to GEX-P10XMT with XM Satellite Radio service.

Double Disc Slot

Taking advantage of the large, double-DIN size, the AVIC-D1 hides two separate disc slots behind its face panel — one for map DVD-ROM and one for CD. Music from the CD player or other audio source can be enjoyed while the navigator is in operation — in other words, there is no need to eject the map DVD-ROM.

Rear View

Keep an eye on your backside using the optional ND-BC1 Rear View Camera (see page 7 for details). The AVIC-N2 and AVIC-D1 offer two rear-view modes: while you're in reverse the rear-view camera can be in full screen. Or while moving forward, you can also see what's behind you with the rear-view split screen, which displays both the navigation map and the rear-view camera image.



Rear View Split Screen

* 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.

NAV-SYS630T

NEW FOR 2005

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DVD Navigation with Touch Panel Package

Let your fingers show you the way. With this DVD navigation system's touch panel display and voice recognition capabilities, it's a snap. Universal Mount Kit allows for a perfect fit in leased vehicles. Package includes AVD-W6210 and AVIC-880DVD.

AVIC-880DVD

NEW FOR 2005

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Add-on DVD Navigation System for Touch Panel AV Systems

FEATURES:

- US & Canada DVD Map Disc (CNDV-50MT) (Including Hawaii and Alaska)
- Ultra-Slim Built-in DVD-ROM
- High Performance 32-bit RISC CPU & High Capacity 32M SDRAM
- Exclusive Graphic Processor for Fast & Smooth Graphics Rendering
- Exclusive 32-bit Positioning CPU
- 3D Hybrid Sensor for Distance Correction on Slopes (Gyro & G-force Sensor)
- Upgradable High Capacity Flash Memory Operating System
- Built-in PC-Card Slot (PCMCIA Type 2) for Downloading Images and Storing Registered Destination Points
- Includes Disc Application (CNDV-50MT) which works with Touch Panel Display only
- Voice Control Interface (Recognition/Synthesis) for "Eyes-Off" Operation of System
- 8 Channel GPS Receiver and Antenna
- 26P RGB Cable (6m) is included for use with AVH-P7600DVD, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD, AVX-P8DVD, and AVD-W6210

CNDV-50MTP

NEW FOR 2005

Touch Panel Navigation Upgrade Discs

Upgrade discs for Pioneer Touch Panel Navigation Systems. Include database and feature upgrade equivalent to AVIC-N2 and AVIC-D1 (XM NavTraffic™ capability only available with AVIC-N1). Compatible with AVIC-N1, and AVIC-88DVD, AVIC-80DVD, AVIC-90DVD, and AVIC-9DVD when used with Touch Panel Display only (AVD-W6210, AVH-P7600DVD, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD, and AVX-P8DVD).



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- 6.5W**
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6.5" Detachable Touch Panel Widescreen LCD Color Display

FEATURES:

- 6.5" Widescreen TFT Active Matrix LCD Color Display
- 5 Selectable Viewing Modes
- RGB Input (26-pin) for Navigation System
- Rear View Camera Input with Reverse Image Function (A/V2)
- 2 A/V Inputs (Composite Video)
- 1 A/V Output (Composite Video)
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Built-In Speaker with Volume Control
- Detachable Mechanism for Anti-Theft

CNDV-40R

NEW FOR 2005

Remote Control Navigation Upgrade Discs

Upgrade discs for Pioneer Remote Control Navigation Systems. Include database and feature upgrade equivalent to AVIC-N1 and AVIC-88DVD. Compatible with AVIC-80DVD, AVIC-90DVD and AVIC-9DVD when used with Remote Control Displays only (AVD-W6010, AVH-P6400CD, AVH-P6400, AVX-P7300DVD).



GEX-P5700TV

NEW FOR 2005



4-Channel Diversity TV Tuner & Antenna

FEATURES:

- For use with AVIC-N2, AVIC-D1, and AVH-P5700DVD
- 24-Station Presets (12 TV1/12 TV2)
- BSSM (Best Stations Sequence Memory)
- IP-Bus Input/Output
- AV-Bus Input/Output
- Composite Audio & Video Output for Rear
- Composite Video Output for Front
- Diversity Antenna Input (4-Channel)
- Remote Control included
- 4-Channel Diversity Antenna included
- 3m (118-1/8") AV-Bus, IP-Bus cable included

XDV-P90

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

FEATURES:

- 6-Disc DVD Video/Video CD/CD Player
- Compatible with DVD-R and CD-R/RW
- Built-in MPEG2/1 Decoder
- 96kHz/24-bit D/A Converter
- Direct Control by AV Receiver
- External Control by Any IP-Bus Headunit
- Optional Remote & Sensor for Stand Alone Use (CD-R7)
- 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)

CD-R7



Remote Control and IR Repeater

The CD-R7 Remote Control is required for stand-alone control and functionality when using the XDV-P90.

TS-CX7



Center Channel Speaker

FEATURES:

- 2-1/4" Full Range Speaker
- Aramid Fiber Composite Cone

- Butyl Rubber Surround
- Dual Magnetically Shielded Neodymium Magnets with Single Gap Structure Design
- Glass-Imide Voice Coil Bobbin
- Sealed Enclosure with Mounting Hardware Included

SPECIFICATIONS:

- 60 Watts Max. Music Power
- Sensitivity: 80dB
- Frequency Response: 140Hz - 30kHz
- 4Ω Rated

DVH-P5000MP

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DVD Receiver with Dual Zone Capability

DVD PLAYER FEATURES:

- DVD/Video CD/CD Player
- DVD-R/RW, CD-R/RW Compatible
- MP3 CD-ROM Playback
- 96k/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
- MOSFET50 (50Wx4-Channel High Power)
- Supertuner® III/DTM (AM/FM)
- EEQ™ and EQ-EX Performance Chip with 3-Band Parametric EQ
- 2-Way Crossover (HPF & LPF)
- SFEQ Performance Chip with Independent Front/Rear Bass & Treble
- RCA Audio Preouts x 2 Pair (Front & Rear or Subwoofer) (2V)
- IP-Bus System Control (XM Satellite Radio, TV Tuner, DEQ-P8000, MCD or Auxiliary Unit Control)
- Full Function DVH/DVD Card Remote Control
- Detachable Face Security™

AXM-P8000

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Audio Master Unit for Use with DEQ-P8000

DVD PLAYER FEATURES:

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

DEQ-P8000

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

FEATURES:

- 5.1-Channel Multi Channel Audio Processor
- Built-in Dolby® Digital/DTS™/Dolby Pro Logic II/Linear PCM Decoder
- 24-bit 6-Channel DAC
- Sound Field Control (6 modes)
- Time Alignment & Speaker Set-up Mode
- 4.1-Channel Down Mixing Processor
- MOSFET50 (50Wx5-Channel High Power)
- Parametric EQ
- Optical Input (DVH-P5000MP or AVH-P6600DVD)
- IP-Bus Input/Output
- 6-Channel Hi-Volt Audio Preouts (Front L&R, Rear L&R, Center, Subwoofer) (5V)
- 1-Day Back-up Memory

AVH-P7600DVD NEW FOR 2005



In-Dash DVD Multimedia AV Receiver with 5.1 Channel Surround and DVD Audio

DVD PLAYER FEATURES:

- Ultra-Slim Built-In DVD/CD/MP3 Player
- Compatible with DVD-Audio/DVD-Video/DVD-R/RW/Video CD/DTS CD/CD-R/RW/MP3
- 192/96/48/44.1 f.s. 24-bit 2ch/6ch DA Converter
- CD-Text with ID3 Tag and Auto Scroll

LCD DISPLAY FEATURES:

- 7" Widescreen TFT Active Matrix LCD Color Display
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Fully Motorized Mechanism with Display Angle Adjustment
- Intelligent Dimmer Control
- Picture Adjustment (Brightness, Contrast, Color, Hue, Dimmer settings)
- Independent Back-up Camera Input with automatic switching capability
- 10 Character Sub Display (for when screen is closed)
- Enhanced color GUI (Graphical User Interface) display enables full motion entertainment background on LCD

AV RECEIVER FEATURES:

- Multi-Channel Processor Built-in
- Linear PCM/Dolby® Pro Logic II/Dolby Digital/DTS™/MPEG-A Decoder
- Multi-Channel Auto-EQ Setting
- Multi-Channel Auto Time Alignment
- MOSFET50 (50Wx5-Channel High Power)
- 6-Channel Hi-Volt Preout (5V)
- Parametric EQ
- Supertuner® III D™ (AM/FM)
- IP-Bus System Control
- Satellite Radio Ready for XM or SIRIUS Satellite Radio Tuner
- MCD Control
- Dual DVD Control (XDV-P90 Multi-DVD Player)
- Auxiliary Input (CD-RB10 or CD-RB20 required)
- 2 External Unit Control
- RGB Input (26 Pin) for optional Navigation System (AVIC-880DVD) or Vehicle Dynamics Processor (AVG-VDP1)
- A/V Bus Input (for use with XDV-P90 Multi-DVD Player, CD-AB50 required)
- Composite A/V Input (AV1) for VCP or Game
- Composite A/V Output for Dual Zone Function
- Independent Rear A/V Source Control (DVD-V/TV/AV1)
- Background Video Capability
- Detachable Face Security™

AVH-P5700DVD NEW FOR 2005



In-Dash DVD Multimedia AV Receiver

DVD PLAYER FEATURES:

- Ultra-Slim Built-In DVD/CD/MP3/WMA Player
- Compatible with DVD-Video/DVD-R/RW/Video CD/CD-R/RW/MP3/WMA
- 96/48/44.1 f.s. 24-bit 2ch DA Converter
- CD-Text with ID3 Tag/WMA Text

LCD DISPLAY FEATURES:

- 6.5" Widescreen TFT Active Matrix LCD Color Display
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Fully Motorized Mechanism with Display Angle Adjustment
- Automatic Display Positioning
- Intelligent Dimmer Control
- Picture Adjustment (Brightness, Contrast, Color, Hue, Dimmer settings)
- Back-up Camera Input with automatic switching capability

AV RECEIVER FEATURES:

- Optical Output for Multi-Channel Processor (DEQ-P8000)
- MOSFET50 (50Wx4-Channel High Power)
- 3 Pair Preout
- Parametric EQ with EQ-EX
- Supertuner® III D™ (AM/FM)
- IP-Bus System Control
- iPod® Adapter Ready with Enhanced Touch-Panel Interface (CD-IB100 Required)
- Satellite Radio Ready for XM or SIRIUS Satellite Radio Tuner
- MCD Control
- Dual DVD Control (XDV-P90 Multi-DVD Player)
- Auxiliary Input (CD-RB10 or CD-RB20 required)
- 2 External Unit Control
- RGB Input (26 Pin) for optional Navigation System (AVIC-880DVD) or Vehicle Dynamic Processor (AVG-VDP1)
- A/V Bus Input (for use with GEX-P5700TV or XDV-P90. CD-AB50 is required for XDV-P90)
- Composite A/V Input (AV1) for VCP or Game
- Composite Video Output
- Detachable Face Security™

Enhanced iPod® Control: The AVH-P5700DVD permits touch-panel operations of your iPod® connected to the unit via optional CD-IB100 iPod® Adapter. Play back your music files from PC through your in-car audio system with a multitude of convenient functions (see page 12 for details).

AVX-P8DVD



Premier® 6.5" Widescreen In-Dash Motorized LCD Color Display with DVD Player

DVD PLAYER FEATURES:

- Ultra-Slim Built-in DVD/CD/MP3/WMA Player
- Compatible with DVD-Video/DVD-R/RW/Video CD/CD-R/RW
- CD-TEXT and ID3/WMA Tags with Folder/Track List
- 96/48/44.1 f.s. 24bit 2ch DA Converter with automatic switching capability
- Composite AV Output for Dual-Zone Function
- Optical Output for Multi-Channel Processor (DEQ-P8000)

LCD DISPLAY FEATURES:

- 6.5" Widescreen TFT Active Matrix LCD Color Screen (1,440 x 234 pixels)
- Touch Panel Control with AG (Anti-Glare) Coated Screen
- Fully Motorized Mechanism with Display Angle Adjustment
- Automatic Display Positioning
- Intelligent Dimmer Control
- Picture Adjustment (Brightness, Contrast, Color, Hue, Dimmer settings)

AUDIO/VIDEO CONNECTIONS:

- RGB input (26 Pin) for optional Navigation System (AVIC-880DVD)
- A/V-Bus Input (for use with GEX-P5700TV)
- 2 Composite AV Inputs (AV1, AV2) for VCP or Game
- Back-Up Camera input capability (AV2 Input) with automatic switching capability
- Composite AV Output for Dual-Zone Function
- Optical Output for Multi-Channel Processor (DEQ-P8000)

SYSTEM FEATURES:

- Three System Connection Methods:
 - IP-BUS MODE: Direct connection to any Pioneer IP-Bus equipped headunit (no touch control)
 - TOUCH (IP-BUS) MODE: When connected to a 2004/2005 Pioneer IP-Bus headunit featuring "Wired Remote Input" use the Touch Panel to control headunit features
 - STANDALONE MODE: Allows connection and operation with any headunit that features an auxiliary input
- IP-Bus Input/Output
- Wired Remote Output for Touch Mode connection
- RCA Output for Standalone Mode connection
- DVD/TV/AVX Control Card Remote
- Detachable Face Security™ with Theft-Deterrent Flashing LED

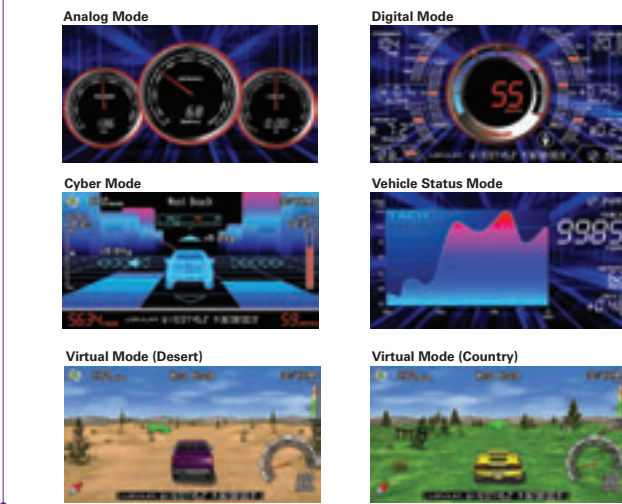
AVG-VDP1 NEW FOR 2005



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 Operations (in conjunction with AVH-P7600DVD, AVH-P5700DVD, AVX-P8DVD, and AVD-W6210)



Universal Rear View Camera

FEATURES:

- 1/4" Color CCD with 250,000 Pixel Resolution (491 x 512 Pixels)
- Camera Viewing Angle: 112 Degrees (Horizontal), 82 Degrees (Vertical)
- 1.5 – 10,000 Lux Automatic Luminance Control (includes automatic low-light lux mode for higher detail and contrast in low-light conditions)
- Water-Proof Aluminum Housing with Mounting Bracket
- Composite Video Output (6m cable included)
- Reversed Image Capability

Measure More of Your Car's Performance. The AVG-VDP1 is Pioneer's Solution for Performance-Minded Automobile Enthusiasts.

Most new vehicles come equipped with an in-dash speedometer and tachometer, but are they enough? The Pioneer AVG-VDP1 Vehicle Dynamics Processor takes car performance analytics to the next level. The unit detects a wide range of real-time vehicle performance data — including acceleration, lateral G-forces, estimated horsepower, and torque, in addition to speed and RPM. Additionally, the GPS locator provides current vector information, as well as current location by longitude, latitude, altitude, and distance to destination. The unit displays the results on a connected Pioneer Audio/Video monitor — with smart, full-color graphics that add style to the dashboard.

Five Graphic Modes

The AVG-VDP1 displays vehicle performance information in sleek, full-color graphics that come in five different modes — "Analog," "Digital," "Cyber," "Vehicle Status," and "Virtual" modes — for simple selection to match a particular décor or musical genre. Additionally, gauge background color, text color, and outside ring (bezel) color can all be customized.

Off-Road Use

Features like latitude/longitude measurement and the GPS locator are especially helpful in off-road driving. The GPS locator can be set to a particular location, such as campsite, and to return to that location after a day of offroading, the driver merely has to select the designated location. An arrow on screen provides current location and linear distance to the destination.



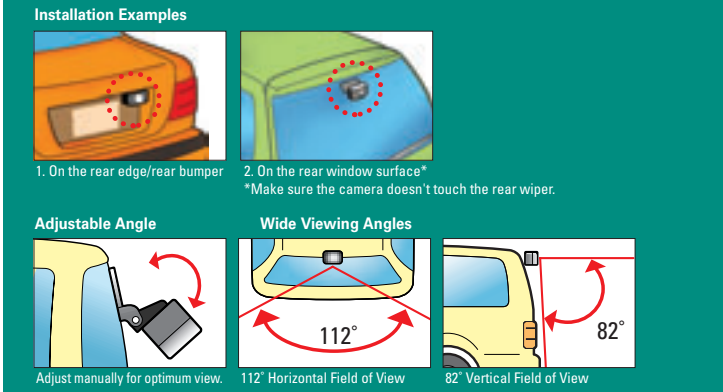
The arrow indicates direction to the pre-set campsite location.

Touch Panel Operation

The AVG-VDP1 permits touch panel operation in conjunction with Pioneer touch-screen Audio/Video displays, including AVH-P7600DVD, AVH-P5700DVD, AVX-P8DVD, and AVD-W6210.



ND-BC1 Wide, Clear View — for Any Type of Vehicle



Adjust manually for optimum view. 112° Horizontal Field of View 82° Vertical Field of View

AirWare

NEW FOR 2005

AirWare™ Keeps You Tuned to XM Satellite Radio — in Your Car, at Home, or on the Go!



Portable XM Satellite Radio Receiver (GEX-AIRWARE1)

FEATURES:

- Connectivity to over 150 XM channels coast to coast
- Built-in Memory records and stores up to five hours of broadcasts
- Built-in Wireless FM Transmitter for playing through any car stereo, home stereo, or boom box
- LCD Monitor displays traffic reports, stock prices, sports scores, and so on (InfoExtras)
- Built-in XM Antenna
- 1-Year Warranty (90 Days Battery)

ACCESSORIES:

- For In-Car Use:
 - Docking Station
 - Antenna
 - Cigarette Lighter Power Adapter
- For Home Use:
 - Docking Station
 - Antenna
 - RCA Cables
 - Wireless Remote
 - AC Adapter
- For Use on the Go:
 - Stereo Ear Bud Headphones
 - Rechargeable Battery (up to five hours of non-stop play on a single charge)
 - Belt Clip



Side View



Stay Tuned to XM — in Your Car, at Home, or on the Go!
AirWare™ xm2go Player from Pioneer

Pioneer now offers a compact, hand-held XM Radio receiver that lets you enjoy XM Radio's Ultimate Playlist™ of more than 150 channels in the car, at home, or anywhere you go. The package includes a complete vehicle accessory kit, including a docking station, cigarette lighter power adapter, and car antenna, so you can listen to XM broadcasts through the in-car audio system.



The AirWare™ can also quickly and easily become part of your home entertainment center. Equipped with a home antenna, docking station, RCA cables, and wireless remote control, the AirWare can broadcast via RCA inputs or FM.

The lightweight (7.2oz) XM receiver comes with ear bud headphones and a belt clip for listening on the go.

The AirWare™ also boasts excellent user-friendliness. Designed for easy control and fast access, the unit features both a dial and numerical keys for going directly to channels. In addition, users can preset up to 30 favorite channels.

Enjoy 100% commercial-free music; live concerts; exclusive interviews; Major League Baseball® — any team, all season long; exclusive Satellite Radio broadcasts of NASCAR® races; and much more, with crystal-clear sound—all at your fingertips.

Live Mode & Memory Mode

The AirWare™ offers two listening modes. "Live Mode" delivers live broadcasts of all of XM's 68 commercial-free music channels, plus premier news, sports, talk, traffic, and weather channels. Selecting "Memory Mode" commands the unit to store up to five hours of new XM content without computer downloading or list management.

InfoExtras

The unit's large, illuminated 2.5-inch LCD screen displays a wide range of text information from XM Radio, including stock prices and sports scores — in addition to station name, channel number, artist name, and song title.

NOW ON XM RADIO



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

Hardware and required monthly subscription sold separately. Premium channel available at additional monthly fee. Other fees and taxes, including a one-time activation fee apply. Subscription fee is consumer only. All fees and programming subject to change. Subscriptions subject to Customer Agreement included with the XM Welcome Kit and available at xmradio.com. Only available in the 48 contiguous United States. Live reception of satellite signal may vary by location. "XM2go" and "Ultimate Playlist" are trademarks of XM Satellite Radio Inc. ©2005 XM Satellite Radio Inc. All rights reserved. NASCAR® is a registered trademark of the National Association for Stock Car Auto Racing, Inc. Major League Baseball trademarks and copyrights are used with permission of Major League Baseball Properties, Inc. Visit the official website at MLB.com. All other trademarks are the property of their respective owners. XM Satellite Radio Inc. http://www.xmradio.com

GEX-P920XM

NEW FOR 2005



XM Digital Satellite Tuner for Pioneer Headunits

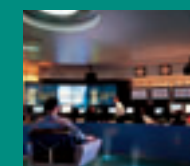
FEATURES:

- For use with Pioneer "SAT Radio Ready" and "XM Ready" Headunits and AV Receivers
- 18-Station/3-Band Presets
- Channel Number or Channel Category selection modes
- Text Display: Channel Name, Channel Category, Artist/Feature Name, Song/Program Title, or Composer
- IP-Bus Input/Output
- IP-Bus Cable Included (19' 8-1/4")
- Single-Pole XM Antenna with 16' 4-7/8" Cable Included
- Dimensions: 7-1/16" x 1-1/16" x 5-1/2" (179 x 27 x 139mm)
- 1-Year Warranty



**Radio to the Power of X
XM Radio**

XM Satellite Radio is a revolutionary system that brings you over 150 different channels in crystal clear, CD quality sound into your car. Broadcast directly from its own satellite, the XM signal lets you travel nationwide without skipping a beat. It also offers programming that's far beyond what you'll find anywhere. Rap, metal, classical, sports, even comedy has its place in the XM lineup. The future sounds pretty cool.



Multiple Formats

Pop, Rap, Talk, News, Country..... whatever your mood calls for, XM Satellite Radio has it covered. The XM studio broadcasts over 150 different channels of the most eclectic and original programming ever to hit the

airwaves. To bring you the best of the best, XM has also partnered with some of the biggest names in entertainment and broadcasting. And since XM is a subscription service, some of the channels are commercial free.

Satellite Signal

Imagine driving from New York to LA without ever having to change the radio station. It's not only possible; it's better than you ever imagined. XM's broadcast signal is beamed from huge earth station antennas to two geostationary satellites, known as "Rock and Roll". Since these satellites sit more than 22,000 miles above the earth, their position allows them to broadcast the XM signal across the United States. That means you never have to worry about missing your favorite song. The XM signal goes where you go.

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

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

NEW FOR 2005

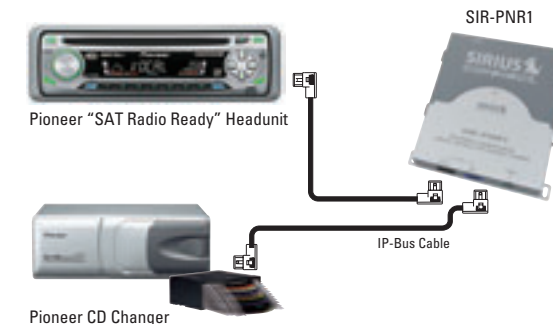


Sirius Digital Satellite Tuner for Pioneer Headunits

FEATURES:

- For use with Pioneer "SAT Radio Ready" Headunits and AV Receivers
- AVIC-N2, AVIC-D1, AVH-P7600DVD, AVH-P7500DVD, AVH-P6600DVD, AVH-P5700DVD, and DVH-P5000MP
- DEX-P9, DEH-P960MP, DEH-P860MP, DEH-P8MP, DEH-P770MP, DEH-P670MP, DEH-P470MP, FH-P5000MP, and FH-P4200MP
- "External Unit" Compatibility with many additional Pioneer Headunit and AV Receiver models
- 18-Station/3-Band Presets
- Channel Number or Channel Category selection modes
- Text Display: Channel Name, Channel Category, Artist/Feature Name, Song/Program Title, or Composer
- IP-Bus Input/Output
- IP-Bus Cable Included (8' 2-7/16")
- Single-Pole Sirius Antenna with 21' Cable Included
- Dimensions: 5" x 5" x 1-3/8" (127 x 126 x 35mm)
- 1-Year Warranty

SIR-PNR1 Connection Example



**Stay Tuned to the Digital-Quality Sound On-board.
SIRIUS Satellite Radio**

Enjoy SIRIUS Satellite Radio on board! In conjunction with Pioneer "SAT Radio Ready" headunits, the SIR-PNR1 offers crisp, digital-quality sound from over 120 channels — including 65 channels for commercial-free music and more than 50 for sports (NFL, NBA, NHL games and others), news, and a wide array of entertainment programs.

SIRIUS Satellite Radio also boasts stable signal transmission to tuners. Three powerful SIRIUS satellites fly directly over the U.S. at high elevation angles, ensuring coast-to-coast coverage. The satellites' "clear line of sight" keeps drivers tuned to the selected channels without obstruction from buildings or trees.

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

CD-IB100

NEW FOR 2005

Ready for iPod



iPod® Interface Adapter for Pioneer Headunits

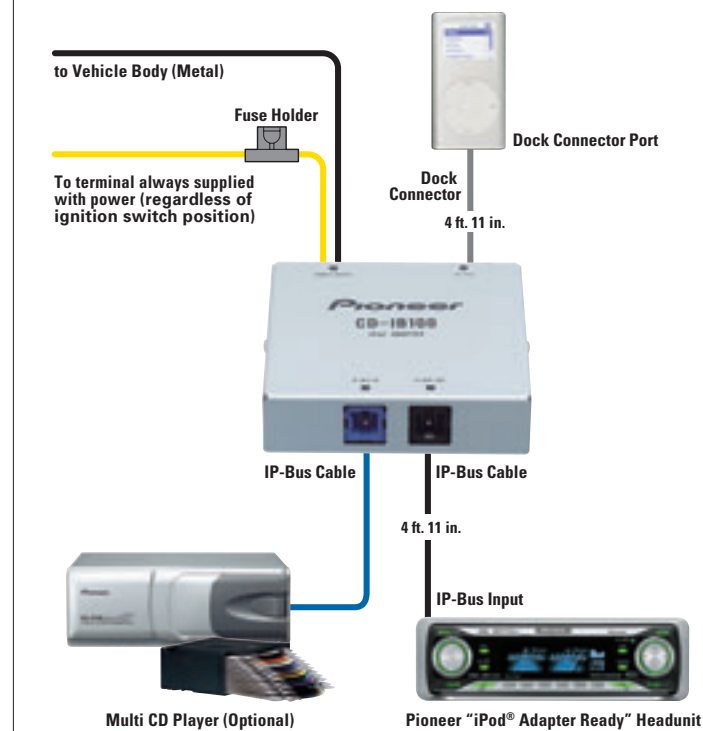
COMPATIBILITY:

- For use with Pioneer "iPod® Adapter Ready" Headunits and AV Receivers
 - AVIC-N2, AVIC-D1, AVH-P7500DVD, AVH-P6600DVD, AVH-P5700DVD, and DVH-P5000MP
 - DEX-P9, DEH-P960MP, DEH-P860MP, DEH-P8MP, DEH-P770MP, DEH-P670MP, DEH-P470MP, and FH-P4200MP
 - "External Unit" Compatibility with many additional Pioneer Headunit and AV Receiver models
- Compatible with iPod models featuring Dock Connector

FEATURES:

- Enhanced Touch-Panel Interface with AVH-P5700DVD
- Multiple Search Functions: Permits Search by Playlist, Genre, Artist, Album, and Song
- Repeat, Shuffle (Random) and Pause
- Text Display: Song Title, Artist Name, Album Title, or Time
- IP-Bus Input/Output
- iPod Connection Cable Included (4' 11" / 1.5m)
- IP-Bus cable Included (4' 11" / 1.5m)
- Powers and Charges iPod while driving
- Dimensions (W x H x D): 3-3/4" x 1" x 3-9/16" (95 x 25 x 91mm)
- Weight: 11 oz. (0.32kg)
- 1-Year Warranty

Connecting iPod® to a Pioneer Headunit

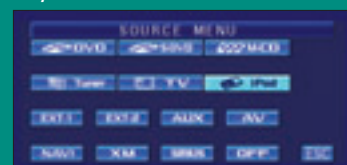


Play and Control iPod® via Your Headunit

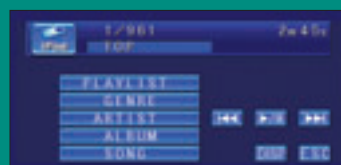
"iPod" is a lineup of digital audio players from Apple Computer, Inc. Despite the light weight and compact size — most iPods are pocket size — the Hard Disk Drive can hold up to 10,000 songs* downloaded from a computer. Pioneer's CD-IB100 iPod adapter permits direct control and playback of iPod through our "iPod® Adapter Ready" headunits. Compatible Pioneer headunits can be connected with an iPod via this dedicated adapter, and using the touch panel or soft keys, listeners can play iPod-recorded songs with the following convenient functions:

*When files in 128kbps AAC format are recorded in a 40GB Hard Disk.

Play iPod with Touch Panel Control



Menu screen with a dedicated icon for iPod (AVH-P5700DVD)



Touch icons to operate various iPod functions (AVH-P5700DVD)

Text Information Display

Song/album titles, artist names, and track length — memorized by connected iPod — are conveniently displayed on the monitor or headunit display. This capability also permits multiple "search" functions, making it a snap to find a song to play back.

Multiple "Search" Functions

Just like looking for files stored on a PC, iPod-recorded songs may be sorted according to registered playlists, genres, artists, or albums to ensure easy access to each music file.

Repeat Playback

The Repeat Playback function offers two options — repeat playing of a particular song or playback of all tunes from a specified playlist.

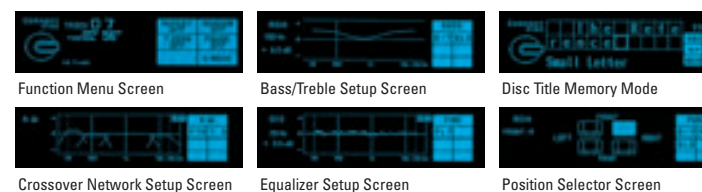
"Shuffle Songs" Function for Random Playback

Everybody's favorite option for mixing things up, Shuffle Songs randomly plays the songs in the iPod music library. Every song is a pleasant surprise, and the more files that are stored in the iPod, the greater the surprise.

DEX-P9



Premier® CD Receiver with Organic EL Display, Multi 24-bit D/A Converter, iPod® Adapter Ready, XM-Ready, SIRIUS-Ready, Supertuner® III™, IP-Bus System Control, Optical I/O, Smart Remote, Detachable Face Security™, and Hi-Volt Preouts (4V)



DEQ-P9



Add-On Digital Signal Processor with 31-Band Graphic Equalizer (L/R), Built-in Crossover Network, Optical Input and 4V Hi-Volt Preouts

	DEX-P9	DEQ-P9
SUPERTUNER SECTION		
Supertuner	III	
XM Radio Ready	x	
SIRIUS-Ready	x	
24-Station/6-Button (18FM/6AM) Presets	x	
BSM (Best Stations Memory)	x	
CD PLAYER SECTION		
CD-R/CD-RW Compatible	x	
Disc Title Memory	x	
CD Text	x	
IP-Bus (Changer Control)	x	
AUDIO SECTION		
Multi 24-Bit D/A Converter	x	x
L/R 4-Way Digital Network (High, Mid, Low, Sub)		x
Crossover Frequency		20Hz-20kHz (Variable)
Crossover Slope		0dB to -36dB
Crossover Presets		5
Parametric Bass/Treble		x
31-Band L/R EQ (±12dB/0.5dB Steps)		x
EQ Presets		5
DSP		x
Listening Position Selector		x
Time Alignment (0 to 160 inches)		x
Hi-Volt RCA Preouts	3 (4V)	4 (4V)
Optical Input	x	x
Optical Output	x	
GENERAL		
iPod® Adapter Ready*	x	
DVD Control	x	
Organic EL Display	x	
Display Off (Blackout Mode)	x	
Motorized Flap Face	x	
Detachable Face Security™	x	
Remote Control	Smart	
Rotary Volume Control	x	
Cellular/Navigation Mute Interface	x	
Hideaway Chassis		x
Warranty	2 Year	2 Year

* 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.

A match made in audiophile heaven
DEX-P9 Component CD Receiver/DEQ-P9
Component Digital Signal Processor

When we combined the DEX-P9 component CD Receiver with the DEQ-P9 component Digital Signal Processor, we did much more than create an exceptional mobile audio system. We redefined the performance standards of car audio. More like finely tuned musical instruments than car electronics, they work together to create music of unprecedented purity and range.

The purity of digital processing

The DEX-P9 and DEQ-P9 connect via digital audio outputs into a network featuring three 51-bit Digital Signal Processors, implementing 31-band graphic equalization. Hi-Bit technology converts the original 16-bit audio signal of CDs to 24-bits. The DEQ-P9's outputs are loaded with six premium Burr-Brown 24-bit multi-bit DACs. Each of the audio output channels features two separate DACs, arranged in Sign-Magnitude conversion mode. This eliminates cross distortion and delivers an incredible signal-to-noise ratio and wide dynamic range.

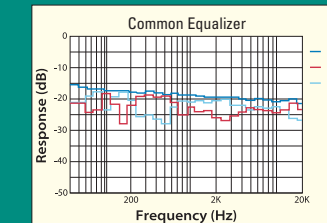


Circuit design features high-quality components for the utmost sound quality and fidelity.

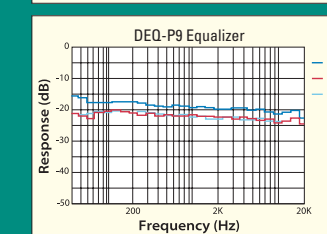


24-Bit DAC (DEX-P9/DEQ-P9)

51-Bit Digital Sound Processor



With an L/R common equalizer, the frequency response is a blend of the responses of the L and the R channels which have peaks and dips caused by the difference in acoustic characteristics. This non-flat response of the L and the R channels makes it difficult to create natural sound staging and imaging.



Using independent left and right equalization, it is possible to have flat frequency response characteristics for each channel, facilitating the creation of natural sound staging and imaging.

Processing at a higher level

Hi-Bit

More is better when it comes to the size of bits a Digital to Analog (D/A) processor crunches at a time. The more bits, the better sound. Hi-Bit technology upgrades the 16-bit signal of audio CDs to a full 24-bits. High-end professional grade Burr-Brown processors deliver superior low level linearity and outstanding sound quality.

DEH-P8MP

- SUPER TUNER III D
- OEL
- MP3
- WMA
- EEQ
- MOSFET 60
- SAT READY
- CD CONTROL
- CDTEXT



Rotary Commander for Volume and File Sorting

Premier® CD Receiver with Organic EL Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, SFEQ/EQ-EX, MOSFET60, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, 10-Key Remote, 7-Way Rotary Commander, Auto Slide Flap Face, Detachable Face Security™ and Hi-Volt Preouts (6.5V)



Powerful Mode Level Indicator DJ

DEH-P960MP

- SUPER TUNER III D
- 24bit DA Converter
- OEL
- MP3
- WMA
- DSP
- EEQ
- MOSFET 50
- SAT READY
- CD CONTROL
- CDTEXT
- Hi-VOLT
- DDE DIGITAL



Open OEL Display Mode

Closed Mode Using LED Display.

Premier® CD Receiver with Motorized Flap Face, Dual-Customizable Multi-Color Panel and LED Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, Built-in DSP, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, 10-key Remote, Rotary Volume Control, Detachable Face Security™ and Hi-Volt Preouts (6.5V)

Mighty MOSFET60

MOSFET 60

BMX (Bit Media EX) Digital Compression

Now Pioneer lets you enjoy 60W x 4 power from a CD headunit. Ultra high MOSFET power is made possible by the combined use of a new high-efficiency amp IC and step-up voltage converters (17.5V). Installation is hassle-free because the new design does not require a dedicated power supply cable connected direct to the car battery*.

* Note: Applies only to vehicles using batteries with Acc rated at 10A or higher.

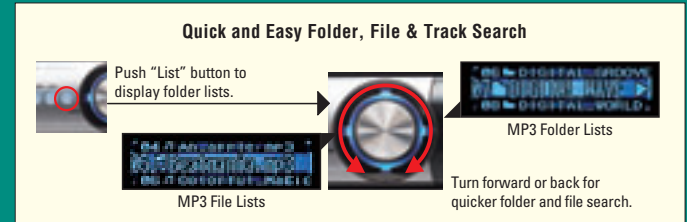
Compressed file formats such as MP3 and WMA are now as common as the Internet. But there are people who feel that compressed music sounds thin, flat and short of depth. This is because the data representing a delicate sound barely over the threshold of perception is essentially ignored during compression.

To correct this common problem, Pioneer developed BMX technology. BMX studies what's left of the delicate sound frequencies that are usually ignored and makes the necessary adjustments. This improves the shape and overall depth of sound, which results in enjoyment to the ears, especially in the noisy car environment.

BMX1 enhances the depth and width of the sound field, making music sound really lively.
BMX2 improves the sense of presence.

Rotary Commander

An innovative Rotary Commander makes operation quick and versatile. First, press the "List" button for instant access to MP3 and WMA folder lists. Then, simply turn the big button forward or back, tilt it left, right, up, or down and press the center to access, select and activate files, commands and play with intuitive ease.



OEL (Organic EL) Display



It moves. It lives. It rocks. It's the Organic EL (OEL) display. With animated graphics that retain amazing brightness, OEL is the most significant advancement in display technology since the detachable face. It's an innovation that, for the first time, allows the projection of motion and 3D animated graphics in multiple colors. Since the components involved in the display require less space than conventional displays, it even allows for wide-angle viewing and larger type that's easy to read. And brightness levels are so impressive that it even shines clearly in direct sunlight. Pioneer offers a lineup of CD receivers with Multi-Color Panels — customize your audio experience with the expressive power of multiple colors.

DEH-P860MP

- SUPER TUNER III D
- 24bit DA Converter
- OEL
- MP3
- WMA
- DSP
- EEQ
- MOSFET 50
- SAT READY
- CD CONTROL
- CDTEXT
- Hi-VOLT
- DDE DIGITAL



Premier® CD Receiver with Customizable Multi-Color Panel Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, Built-in DSP, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, 10-key Remote, Rotary Volume Control, Auto Slide Flap Face, Detachable Face Security™ and Hi-Volt Preouts (6.5V)

DEH-P770MP

NEW FOR 2005

- SUPER TUNER III D
- OEL
- MP3
- WMA
- EEQ
- MOSFET 50
- SAT READY
- CD CONTROL
- CDTEXT
- Hi-VOLT



Premier® CD Receiver with Organic EL Display, iPod® Adapter Ready, iTunes® AAC Playback, MP3/WMA Playback, BMX Digital Compression, EQ-EX, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, 10-Key Remote, 7-Way Rotary Commander, Flap Face, Detachable Face Security™ and Hi-Volt Preouts (4.0V)

NEW FOR 2005

- SUPER TUNER III D
- OEL
- MP3
- WMA
- EEQ
- MOSFET 50
- SAT READY
- CD CONTROL
- CDTEXT



Premier® CD Receiver with Organic EL Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, EQ-EX, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, Slim Remote, Pop-up Rotary Volume Control, Flap Face, and Detachable Face Security™

Auto EQ

Auto EQ automatically fine-tunes the entire range of the music's frequency bandwidth, using 13-band graphic equalization for front and rear speakers. Simply plug in the included microphone and let the frequency band fine-tuning go to work.

Auto Time Alignment

Auto Time Alignment automatically estimates the delay from each speaker to the listening position and adjusts the speaker sound output timing accordingly. The output timing for each speaker is adjusted precisely so that the sound from each speaker, wherever it is installed, reaches the driver's ears at the same time, thus optimizing the listening experience.

Supertuner® III D+™



Pioneer improves upon its already highly acclaimed Supertuner® performance history with its latest standard-bearer, the new Supertuner® III D+™. The newly developed FM Multi-path Canceller uses adaptive digital filter techniques to ensure superior performance against multi-path noise with better stereo reception and separation. New built-in AM Noise Canceller with Hi-Speed Gate control techniques helps reduce interference from wiper, motor/ignition, and pop noises. And Automatic Reception Control, now extended to AM, improves noise reduction capabilities in weak-signal areas, raising AM usable sensitivity. Simply put, it's an all-time high in radio performance from Pioneer.

DEH-P470MP

NEW FOR 2005

- SUPER TUNER III D
- MP3
- CD TEXT
- WMA
- EQ
- MOSFET 50
- SAT READY
- CD CONTROL



Premier® CD Receiver with Multi-Color LCD Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, EQ-EX, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, Slim Remote, Pop-up Rotary Volume Control, Flap Face, and Detachable Face Security™

DEH-P3700MP

NEW FOR 2005

- SUPER TUNER III D
- MP3
- CD TEXT
- WMA
- EQ
- MOSFET 50
- SAT READY
- CD CONTROL



CD Receiver with Multi-Color LCD Display, iPod® Adapter Ready, MP3/WMA Playback, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III D™, IP-Bus System Control, Slim Remote, Rotary Volume Control, and Detachable Face Security™

- SUPER TUNER III D
- EQ
- 45Wx4
- SAT READY
- CD CONTROL



CD Receiver with Multi-Color LCD Display, 45W x 4 high power, Supertuner® III D™, Rotary Volume Control, and Detachable Face Security™

- SUPER TUNER III D
- 45Wx4
- SAT READY
- CD CONTROL



CD Receiver with Blue Background LCD Display, 45W x 4 high power, Supertuner® III D™, and Detachable Face Security™

NEW FOR 2005

NEW FOR 2005

	DEH-P8MP	DEH-P960MP	DEH-P860MP	DEH-P770MP	DEH-P670MP	DEH-P470MP	DEH-P3700MP	DEH-2700	DEH-1700
SUPERTUNER SECTION									
Supertuner	III D	III D	III D	III D+	III D	III D	III D	III D	III D
XM Radio Ready	x	x	x	x	x	x	x		
SIRIUS-Ready	x	x	x	x	x	x	x		
24-Station/6-Button (6AM/18FM) Presets	x	x	x	x	x	x	x	x	x
BSM (Best Stations Memory)	x	x	x	x	x	x	x	x	x
CD PLAYER									
1-bit D/A Converter	8fs/16-bit	8fs/24-bit*1	8fs/24-bit*1	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit	8fs/16-bit
CD-R/CD-RW Compatible	x	x	x	x	x	x	x	x	x
MP3 Compatible	x	x	x	x	x	x	x		
WMA (Windows Media® Audio)	x	x	x	x	x	x	x		
Wave (.wav) Compatible	x	x	x	x	x	x	x		
iTunes®*2 AAC*3 Playback				x					
AGC (Automatic Gain Control)	x	x	x	x	x	x	x	x	x
Disc Title Memory	x	x	x	x	x	x	x		
Disc List	x	x	x	x	x				
CD Text	x	x	x	x	x	x	x		
IP-Bus (Changer Control)	x	x	x	x	x	x	x		
BMX Digital Compression (SCD)	x	x	x	x	x	x	x		
DBE (MCD)	x	x	x	x	x	x	x		
AUDIO SECTION									
MOSFET60 (60Wx4-Channel High Power)	x								
MOSFET50 (50Wx4-Channel High Power)		x	x	x	x	x	x		
45W x 4-Channel High Power								x	x
Equalizer	3-Band Parametric	13-Band	13-Band	3-Band Parametric	3-Band Parametric	3-Band Parametric	3-Band Parametric	3-Band Parametric	Bass/Treble
SFEQ (Sound Focus EQ)	x								
EQ-EX	x			x	x	x			
Selectable FIE (Front Image Enhancer)							x	x	
DSP		x	x						
Auto-EQ (with Mic Included)		x	x						
Auto Time Alignment		x	x						
BBE		x	x						
Source Level Adjuster (SLA)	x	x	x	x	x	x	x	x	x
Automatic Sound Levelizer (ASL)	x	x	x	x					
Loudness	3 Mode	x	x	3 Mode	3 Mode	3 Mode	3 Mode	3 Mode	2 Mode
Listening Position Selector		x	x						
Selectable Fader	x	x	x	x	x	x	x	x	x
HPF Crossover	x	x	x	x	x	x			
Subwoofer (LPF) Crossover	x	x	x	x	x	x			
Hi-Volt RCA Preouts	3 (6.5V)	3 (6.5V)	3 (6.5V)	3 (4.0V)					
RCA Preouts					3 (2.2V)	2 (2.2V)	2 (2.2V)	1 (2.2V)	1 (2.2V)
GENERAL									
iPod® Adapter Ready*4	x	x	x	x	x	x	x	x	
DVD Control	x	Ext	x	x	x	Ext	Ext		
Customizable Display	CD-R	CD-R	CD-R						
Detachable Face Security™	x	x	x	x	x	x	x	x	x
Flap Face	Auto Slide	Motorized	Auto Slide	x	x	x			
Organic EL Display	Blue	Multi Color	Multi Color	Blue	Blue				
LCD Display with LED Backlight							Multi-Color	Multi-Color	Multi-Color
Spectrum Analyzer	Level Ind.	x	x	Level Ind.	Level Ind.				
Soft-Key Operation		x	x						
Remote Control	10-key	10-key	10-key	10-key	Card	Card	Card		
Rotary Volume Control	Rotary Commander	x	x	Rotary Commander	Pop-up	Pop-up	x	x	
Wired Remote Input	x	x	x	x	x	x	x	x	
Display Output	x	x	x	x	x	x			
Cellular Mute	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	1 Year	1 Year	1 Year

*1 Burr-Brown *2 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®. *3 AAC: AAC is a short for Advanced Audio Coding and refers to audio compression technology standard used with MPEG 4. *4 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.

Easy EQ (EEQ™)



Pioneer's Easy EQ makes changing your sound design extremely easy. Of course, don't let its simplicity fool you. Easy EQ delivers all the range you demand from a 3-band parametric equalizer. Just activate Easy EQ and you can adjust your sound character to one of six settings — **Super Bass** for rap and hip hop; **Powerful** for hard rock; **Natural** for dynamic yet crisp sound; **Vocal** for talk radio; **Flat** for precise balance between bass and treble; there's even a **Custom** setting you can tailor to your own preferences.

MP3 and WMA

Don't let your favorite music downloads languish on your computer hard

drive. Burn them to a CD-R or CD-RW and play them on one of our MP3 and WMA compatible headunits. Each disc you burn has the capacity to hold up to ten complete albums of MP3 music and twenty for WMA discs. Trust us, that's a lot of music. And since these CDs hold so much data, you'll be happy to know that Pioneer MP3 headunits also include a random play mode. You'll also be pleasantly surprised to find that our players support ID3 Tags and WMA text, which display artist, title, track and album information, just like your computer.

*Microsoft, Windows Media® and the Windows logos are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.



FH-P4200MP

- COMPACT DISC DIGITAL AUDIO
- SUPER TUNER III
- MP3
- DOLBY BNR
- WMA
- BBE DIGITAL
- DSP
- CDTEXT
- EEQ
- MOSFET 50
- SAT READY
- CD CONTROL



NEW FOR 2005

Double-DIN CD/Cassette Receiver with LCD Display, iPod® Adapter Ready, iTunes® AAC Playback, MP3/WMA Playback, BMX Digital Compression, MOSFET50, XM-Ready, SIRIUS-Ready, Supertuner® III[™], Rotary Volume Control, IP-Bus System Control and Slim Remote

DEH-P77DH

- COMPACT DISC DIGITAL AUDIO
- SUPER TUNER III
- CD-R
- Hi-VOLT
- MOSFET 45
- DFS ALARM
- SAT READY
- CD CONTROL



GM/Chrysler-Fit CD Receiver with Multi-Color LCD Display, iPod® Adapter Ready, EEQ™, MOSFET45, XM-Ready, SIRIUS-Ready, Supertuner® III™, IP-Bus System Control, Slim Remote, DFS™ Alarm, Pop-up Rotary Volume Control, Detachable Face Security™, and Hi-Volt Preouts

- COMPACT DISC DIGITAL AUDIO
- SUPER TUNER III
- CD-R
- Hi-VOLT
- MOSFET 45
- SAT READY
- CD CONTROL



GM/Chrysler-Fit CD Receiver with Multi-Color LCD Display, iPod® Adapter Ready, EEQ™, MOSFET45, XM-Ready, SIRIUS-Ready, Supertuner® III™, IP-Bus System Control, Pop-up Rotary Volume Control, and Detachable Face Security™

- EEQ
- 45Wx4
- XM READY
- SUPER TUNER
- CD CONTROL
- DETACHABLE FACE SECURITY



Full-Logic Cassette Receiver with Multi-Color Display, EEQ™, 45Wx4-Channel High Power, XM-Ready, Supertuner®, IP-Bus System Control, and Detachable Face Security™

KEH-P2030

- 40Wx4
- XM READY
- SUPER TUNER
- CD CONTROL
- DETACHABLE FACE SECURITY



Cassette Receiver with 40Wx4-Channel High Power, XM-Ready, Supertuner®, IP-Bus System Control, and Detachable Face Security™

	FH-P4200MP	DEH-P77DH	DEH-P47DH	KEH-P4020	KEH-P2030
SUPERTUNER SECTION					
Supertuner	III ^D	III	III	x	x
XM Radio Ready	x	x	x	x	x
SIRIUS Ready	x	x	x	x	x
24-Station/6-Button (18FM/6AM) Presets	x	x	x	x	x
BSM (Best Stations Memory)	x	x	x	x	x
CD PLAYER/CD FUNCTIONS					
1-bit D/A Converter	x	x	x		
CD-R/CD-RW Compatible	x	x (CD-R)	x (CD-R)		
MP3 Compatible	x				
WMA (Windows Media® Audio)	x				
Wave (.wav) Compatible	x				
iTunes® AAC** Playback	x				
AGC (Automatic Gain Control)	x	x	x		
Disc Title Memory	x	x	x		
Disc List		x	x		
CD Text	x	x (MCD)	x (MCD)		
IP-BUS (Changer Control)	x	x	x	x	x
BMX Digital Compression (SCD)	x				
DBE (MCD)	x				
CASSETTE PLAYER					
Auto Reverse	x			x	x
Full Logic Control	x			x	
SHC Dual-Groove Tape Head	x			x	x
Dolby® B Noise Reduction	x				
Music Search & Repeat	x				
Radio Intercept				x	x
AUDIO SECTION					
MOSFET50 (50Wx4-Channel High Power)	x				
MOSFET45 (45Wx4-Channel High Power)		x	x		
45Wx4-Channel High Power				x	
40Wx4-Channel High Power					x
BTB (Bass/Treble Booster)					x
Equalizer	9-Band	3-Band Parametric	3-Band Parametric	3-Band	
Selectable FIE (Front Image Enhancer)		x	x	x	
Source Level Adjuster (SLA)	x				
DSP	x				
BBE	x				
Loudness	x	Variable	Variable	3 Mode	2 Mode
HPF Crossover	x	x	x		
Selectable Fader	x			x	x
Subwoofer (LPF) Crossover	x	x	x		
Hi-Volt RCA Preouts		3 (4V)			
RCA Preouts	2 (2V)		1 (2V)	1 (2V)	1 (2V)
GENERAL					
iPod® Adapter Ready***	x	x	x		
LCD Display with LED Backlight	x	Multi-Color	Multi-Color	Multi-Color	
Spectrum Analyzer	x				
Detachable Face Security™		x	x	x	x
Flap Face				x	
Face Case (Included)				x	
Remote Control	Slim	Slim			
Rotary Volume Control	x	Pop-up	Pop-up		
Cellular Mute	x	x	x		
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

* 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®.
 ** AAC: AAC is a short for Advanced Audio Coding and refers to audio compression technology standard used with MPEG 4.
 *** 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.

DEQ-9200



Universal Add-On Digital Signal Processor with Auto-EQ, Digital Crossover Network, Legato Link™ Conversion, and Detachable Face Security™

- FEATURES:**
- 3-Band Parametric Equalizer: Presets (6 Factory, 4 User), Nuance Control
 - Auto-EQ: 3 Curves (Dynamic/Natural/Mild), Omni-Directional Microphone (Included)
 - 8x Oversampling 1-Bit Legato Link™ D/A Converter
 - Multi-Color Display with EL Backlighting
 - RCA Input
 - RCA Outputs (x3 Pair) (Front/Rear + Subwoofer or High/Mid/Low)
 - DSP Mode: 5-Mode Digital Sound Field Control (SFC), Listening Position Selector, Front & Rear HPF, Subwoofer LPF (Included)
 - Pro Mode: Time Alignment, Listening Position Selector, High-HPF, Mid-LPF, Mid-HPF, Low-LPF
 - Dimensions (WxHxD): 7-3/8" x 2-1/4" x 1-1/4"



DEQ-7600



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

- FEATURES:**
- 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-P1280

12-Disc IP-Bus Multi-CD Player



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

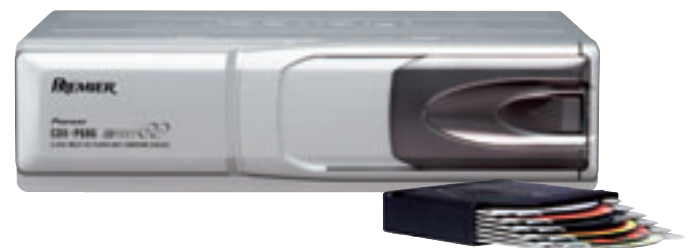


Want a 12-disc changer that goes with your factory stereo? No problem. The CDX-FM1289 uses your FM signal to reproduce CD audio, giving you hours of CD, CD-R, and CD-RW play. It mounts easily, and includes a remote and control/display unit.



CDX-P686

Premier® 6-Disc IP-Bus Multi-CD Player



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



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	CDS-P4000	CDX-FM1289	CDX-FM687
CD PLAYER					
Disc Capacity	12	6	1	12	6
AGC (Automatic Gain Control)	x	x	x	x	x
CD-R/CD-RW Compatible	x	x	x	x	x
1-bit D/A Converter	x	x	x	x	x
8x Oversampling Filter	x	x	x	x	x
"Double-Floating" Anti-Vibration System	x	x	x	x	x
CD-Text Decoder	x	x		x	x
Disc Title Memory	100 Discs	100 Discs		100 Discs	100 Discs
ITS Memory	100 Discs	100 Discs		100 Discs	100 Discs
IP-Bus Control Output	x	x	x	x	x
IP-Bus Control Input (Pass-thru)			x		
Built-in FM Modulator				x	x
Selectable FM Frequencies				12	12
GENERAL					
Multiple Mounting Angles	x	x	In-Dash	x	x
Wired Control/Display				x	x
Wireless Remote				Slim	Slim
Magazine	JD1212S	JD612V		JD1212S	JD612V
Warranty	1 Year	2 Year	1 Year	2 Year	1 Year

CDS-P4000

Single-Disc IP-Bus Add-On CD Player with LCD Level Indicator



If all you need is a single disc player to add onto your Pioneer IP-Bus headunit or AV receiver, this is it. It seamlessly connects to your system and provides an illuminated LCD display.



PRS-D5000SPL

NEW FOR 2005



RCA Input and Output



Oversized Power Ground Terminals

Premier® Competition-Level SPL Digital Mono Amplifier

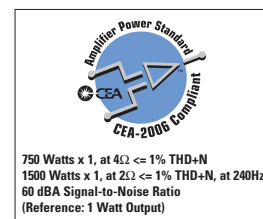
3000W MAX.

SPECIFICATIONS:

- MAX. Music Power: 3000W (2Ω)/1500W (4Ω)
- Continuous Power Output: 750W x 1 (4Ω), 1500W x 1 (2Ω)
- Frequency Response: 10 – 240Hz
- Total Harmonic Distortion: 0.05% (50W, 100Hz)
- Signal-to-Noise Ratio: 90dB
- Dimensions (W x H x D): 11-13/16" x 2-1/2" x 13" (300 x 64 x 330mm)
- Weight: 16 lbs. 1 oz. (7.3kg)

FEATURES:

- Mono (1-Channel) Capability
- Externally Bridgeable (SEPP, Single Ended Push Pull)
- MASS (Multiple Amplifier Synchronization System)
- PWM Regulated MOSFET Power Supply
- Independent Rail Regulating Power Supply (IRRP)
- Dynamic Amplifier Protection
- MOSFET Output Section
- Balanced Isolator Input Circuit
- Massive 1/0 Gauge Block-Typed Power/Ground Terminals with Cover
- 8 Gauge Speaker Terminals with Cover
- Gold-Plated RCA Inputs and Outputs
- Hi-Volt Input Level Control (200mV - 6.5V)
- Variable LPF (40 - 240Hz, -18/-24dB/Oct.)
- Subsonic Filter (20Hz, -18dB/Oct.)
- Variable Bass Boost (40 - 120Hz, 0 - 12dB)
- 150A Fuse Included
- Premier 2-Year Warranty



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

PRS-D3000SPL

NEW FOR 2005



RCA Input and Output

Premier® Competition-Level SPL Digital Mono Amplifier

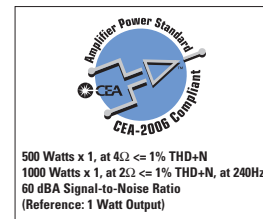
2000W MAX.

SPECIFICATIONS:

- MAX. Music Power: 2000W (2Ω)/1000W (4Ω)
- Continuous Power Output: 500W x 1 (4Ω), 1000W x 1 (2Ω)
- Frequency Response: 10 – 240Hz
- Total Harmonic Distortion: 0.05% (50W, 100Hz)
- Signal-to-Noise Ratio: 90dB
- Dimensions (W x H x D): 11-13/16" x 2-1/2" x 11" (300 x 64 x 279mm)
- Weight: 13 lbs. (5.9kg)

FEATURES:

- Mono (1-Channel) Capability
- Externally Bridgeable (SEPP, Single Ended Push Pull)
- MASS (Multiple Amplifier Synchronization System)
- PWM Regulated MOSFET Power Supply
- Dynamic Amplifier Protection
- MOSFET Output Section
- Balanced Isolator Input Circuit
- 4 Gauge Block-Typed Power/Ground Terminals with Cover
- Oversized Screw-Type Speaker Terminals
- Gold-Plated RCA Inputs and Outputs
- Hi-Volt Input Level Control (200mV - 6.5V)
- Variable LPF (40 - 240Hz, -24dB/Oct.)
- Subsonic Filter (20Hz, -18dB/Oct.)
- Variable Bass Boost (40 - 120Hz, 0 - 12dB)
- Premier 2-Year Warranty



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

The "No-Hold-Barred" Amplifiers — Use Them with the Premier SPL Subwoofers

Engineered to produce power that pulls no punches, the new Premier PRS-D5000SPL and PRS-D3000SPL digital mono amplifiers offer the extreme performance and power required for sound pressure level (SPL) competitions.

The units are externally bridgeable and permit two separate amplifiers to be joined together as one, doubling the power to a single woofer or voice coil. Pioneer's proprietary Multi-Amplifier Synchronization System (MASS) technology allows one amplifier (the master) to control the settings of other amplifiers when two or more amps are "strapped" together. Especially important for multi-amplified systems, this powerful Pioneer technology eliminates the need to adjust each amplifier gain separately.

The internal construction also contributes to the units' superior

performance. With conventional amplifiers, only the positive rail is truly regulated, causing the negative rail to become unstable during high power demand. The Premier SPL amplifiers feature an independent rail-regulating power supply (IRRP) which takes the positive and negative rail voltages and separately regulates them. This results in unsurpassed reliability and performance.

A specialized protection circuitry called Dynamic Amplifier Protection (DAP) has also been applied. DAP, quite simply, protects the amplifiers from failing. The amps automatically reconfigure themselves based on output signal level. Designed with the highest possible power carrying capability — also known as "low current density" — DAP ensures the utmost in unit reliability and efficiency.

The astounding performance of the new Premier SPL amplifiers matches the capabilities of Pioneer's new line of Premier SPL subwoofers. Combine the units for "no-holds-barred" in-car audio excitement.

GM-7150M NEW FOR 2005



800W MAX.

RCA Input

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

Get harder-hitting bass with 800 watts of high power at a 2-ohm load. This amp delivers powerful sound with a low distortion rating of less than 0.03%.

GM-6150F NEW FOR 2005



600W MAX.

RCA Input and Output

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

Upgrade your in-car audio system with 600 watts of high power and variable LPF and HPF. Dynamic power can be yours whether the amp is configured for 2- or 4-channel.

GM-5100T NEW FOR 2005



760W MAX.

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

Give your system clean, high power. This amp has two channels to enhance your front/rear sound. Bridge the channels together to drive a power-hungry subwoofer for harder-hitting bass.

GM-3100T NEW FOR 2005



300W MAX.

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

Add power with clarity to your system and experience the excitement of an on-board live performance. It's a smart, simple solution to improving your in-car sound.

GM-D510M NEW FOR 2005



CLASS D AMPLIFIER
Big, efficient power. Operating in Class D, the space-saving GM-D510M gives you massive power with less heat – and less distortion—than with a conventional amp.

Push an explosive 1000 watts of power into a hard-driving 2-ohm load. Class D design means high efficiency, cool operation and high decibel sound without taking too much space in your trunk—perfect for driving a sub or two.

	GM-7150M	GM-6150F	GM-5100T	GM-3100T	GM-D510M
SPECIFICATIONS					
Peak Music Power	500W (4Ω) 800W (2Ω)	120W x 4 (4Ω) 300W x 2 (Bridge, 4Ω)	250W x 2 (4Ω) 760W x 1 (Bridge)	120W x 2 (4Ω) 300W x 1 (Bridge)	600W (4Ω) 1000W (2Ω)
Number of Channels	1	4	2	2	1
Continuous Power (4Ω)	250W x 1	60W x 4	125W x 2	60W x 2	300W x 1
Continuous Power (2Ω)	360W x 1	75W x 4	190W x 2	75W x 2	500W x 1
Continuous Power Bridged (4Ω)		150W x 2	380W x 1	150W x 1	
Frequency Response (0, -1dB)	10Hz-240Hz (+0dB, -3dB)	10Hz-50kHz	10Hz-50kHz	10Hz-50kHz	5Hz-240Hz (+0.5dB, -3dB)
Total Harmonic Distortion (1kHz, 4Ω)	<0.03% (120Hz)	<0.01%	<0.015%	<0.008%	<0.1% (100Hz, 4Ω)
Signal-to-Noise Ratio (HF-A Weighted, at 1kHz)	>100dB	>95dB	>95dB	>100dB	>100dB
Dimensions (W x H x D)	11-13/16" x 2-3/8" x 12-7/8"	11-13/16" x 2-3/8" x 12-7/8"	11-13/16" x 2-3/8" x 12-7/8"	11-13/16" x 2-3/8" x 7-5/16"	10-9/16" x 2-1/16" x 9-13/16"
FEATURES					
Bridgeable 1/2/3-Channel Capability			X	X	
Bridgeable 2/3/4-Channel Capability		X			
Class D Amplifier					X
PWM Regulated MOSFET Power Supply	X	X	X		X
DMOSFET Output Section					X
Balanced Isolator Input Circuit	X	X	X	X	
Oversized Screw-Type Power/Ground Terminals	X	X	X	X	X
RCA Inputs	2 Ch	4 Ch	2 Ch	2 Ch	2 Ch
RCA Outputs (Pass Thru)		X			
Speaker Level Input	X	X	X	X	
Screw-Type Speaker Terminals	X	X	X	X	X
Hi-Volt Input Level Control (200mV-6.5V)	X	X	X	X	
Variable Crossover (40-240Hz, -24dB/Oct. [LPF])					X
Variable LPF (40-240Hz, -12dB/Oct.)	X				
Selectable Crossover (80Hz, -12dB/Oct.)		X			
Bass Boost (50Hz, 0/6/12dB)	X		X		
Bass Boost Remote (50Hz, 0/6/9/12dB)	X				
Selectable LPF (80Hz, -12dB/Oct.)			X	X	

TS-W5000SPL NEW FOR 2005

Premier® 12" Competition-Level SPL Component Subwoofer



5000W MAX.

2003 Champion, Extreme 9+
2003 Deathmatch Champion
2004 Deathmatch Champion

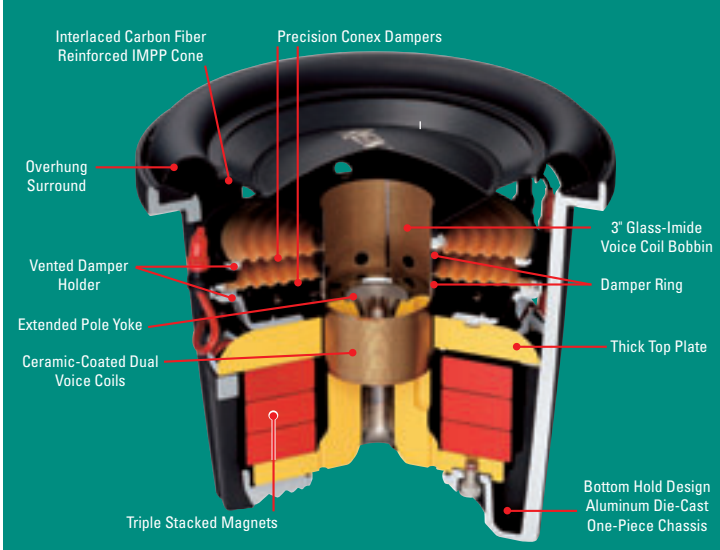
2004 dBS Champion
2004 Bass Olympics Champion

- FEATURES:**
- 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, 4-Layer, Long Voice Coil (2 x 4Ω)
 - 7-Slit Glass Imide Voice Coil Bobbin
 - Precision Double Conex Damper with Damper Rings
 - Extended and Vented Pole Yoke
 - Aerodynamic Magnetic Gap (ADMG) Design
- Massive (320 oz.) Triple Stacked Magnets**
- Thick 1.2" (30mm) Top Plate
 - Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
 - 8-Gauge Wire Terminal
- SPECIFICATIONS:**
- 5000 Watts Max. Music Power
 - 2000 Watts Nominal Power Handling
 - Dual Voice Coil Design (2Ω or 8Ω)
 - Frequency Response: 18 - 2,000Hz
 - Sensitivity: 88dB
 - Recommended Enclosure: 1.5 Cubic Feet

Premier SPL Competition Grade Subwoofer

After three years of development and four patent pending innovations, the TS-W5000SPL subwoofer has what it takes to win competitions. Innovations include Interlaced Carbon Fiber Reinforced IMPP Cone, Aramid Fiber Woven Radial Surround, Dual Ceramic-Coated Voice Coils, and an Overhung Surround. The result is high power handling, louder improved output capability (+170dB) and jaw dropping bass response.

Cross Section of TS-W5000SPL



TS-W3004SPL NEW FOR 2005

Premier® 12" Competition-Level SPL Component Subwoofer



3000W MAX.

4Ω DVC

Rear View

- FEATURES:**
- Interlaced Carbon Fiber/Glass Fiber Reinforced IMPP Cone Woofer
 - Wide-Roll, 3-Layer Fiber Woven Aramid Radial Surround with Honeycomb Cloth
 - Double 4-Layer, Long Voice Coil (2 x 4Ω)
 - Ceramic-Coated Voice Coil Wire
 - Titanium Voice Coil Bobbin
 - Super Aramid Fiber Damper
 - Extended and Vented Pole Yoke
 - Double Stacked Magnets (110 oz)
 - Thick 7/8" (23mm) Top Plate
 - Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- Aluminum Heatsink Cooling System**
- Silver Binding Posts
 - One-Piece Rubber Gasket
 - Accessory Grill (UD-G306) Available
 - SPL Ported Enclosure (UD-W12) Available
- SPECIFICATIONS:**
- 3000 Watts Max. Music Power
 - 1000 Watts Nominal Power Handling
 - Dual Voice Coil Design (2Ω or 8Ω)
 - Frequency Response: 18 - 700Hz
 - Sensitivity: 89dB
 - Recommended Enclosure: 0.85 - 1.75 Cubic Feet

TS-W3002SPL NEW FOR 2005

Premier® 12" Competition-Level SPL Component Subwoofer



3000W MAX.

2Ω DVC

Rear View

- FEATURES:**
- Interlaced Carbon Fiber/Glass Fiber Reinforced IMPP Cone Woofer
 - Wide-Roll, 3-Layer Rubber Woven Aramid Radial Surround with Honeycomb Cloth
 - Double 6-Layer, Long Voice Coil (2 x 2Ω)
 - Ceramic-Coated Voice Coil Wire
 - Titanium Voice Coil Bobbin
 - Super Aramid Fiber Damper
 - Extended and Vented Pole Yoke
 - Double Stacked Magnets (110 oz)
 - Thick 7/8" (23mm) Top Plate
 - Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- Aluminum Heatsink Cooling System**
- Silver Binding Posts
 - One-Piece Rubber Gasket
 - Accessory Grill (UD-G306) Available
 - SPL Ported Enclosure (UD-W12) Available
- SPECIFICATIONS:**
- 3000 Watts Max. Music Power
 - 1000 Watts Nominal Power Handling
 - Dual Voice Coil Design (1Ω or 4Ω)
 - Frequency Response: 18 - 700Hz
 - Sensitivity: 89dB
 - Recommended Enclosure: 0.85 - 1.75 Cubic Feet

TS-W2504SPL NEW FOR 2005

Premier® 10" Competition-Level SPL Component Subwoofer

2500W MAX.

4Ω DVC



FEATURES:

- Interlaced Carbon Fiber/Glass Fiber Reinforced IMPP Cone Woofer
- Wide-Roll, 3-Layer Fiber Woven Aramid Radial Surround with Honeycomb Cloth
- Double 4-Layer, Long Voice Coil (2 x 4Ω)
- Ceramic-Coated Voice Coil Wire
- Titanium Voice Coil Bobbin
- Super Aramid Fiber Damper
- Extended and Vented Pole Yoke
- Double Stacked Magnets (81 oz)
- Thick 7/8" (23mm) Top Plate
- Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- Aluminum Heatsink Cooling System
- Silver Binding Posts
- One-Piece Rubber Gasket
- Accessory Grill (UD-G256) Available
- SPL Ported Enclosure (UD-W10) Available

SPECIFICATIONS:

- 2500 Watts Max. Music Power
- 800 Watts Nominal Power Handling
- Dual Voice Coil Design (2Ω or 8Ω)
- Frequency Response: 18 - 1,000Hz
- Sensitivity: 87dB
- Recommended Enclosure: 0.65 - 1.25 Cubic Feet

TS-W2502SPL NEW FOR 2005

Premier® 10" Competition-Level SPL Component Subwoofer

2500W MAX.

2Ω DVC



FEATURES:

- Interlaced Carbon Fiber/Glass Fiber Reinforced IMPP Cone Woofer
- Wide-Roll, 3-Layer Fiber Woven Aramid Radial Surround with Honeycomb Cloth
- Double 6-Layer, Long Voice Coil (2 x 2Ω)
- Ceramic-Coated Voice Coil Wire
- Titanium Voice Coil Bobbin
- Super Aramid Fiber Damper
- Extended and Vented Pole Yoke
- Double Stacked Magnets (81 oz)
- Thick 7/8" (23mm) Top Plate
- Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- Aluminum Heatsink Cooling System
- Silver Binding Posts
- One-Piece Rubber Gasket
- Accessory Grill (UD-G256) Available
- SPL Ported Enclosure (UD-W10) Available

SPECIFICATIONS:

- 2500 Watts Max. Music Power
- 800 Watts Nominal Power Handling
- Dual Voice Coil Design (1Ω or 4Ω)
- Frequency Response: 18 - 1,000Hz
- Sensitivity: 87dB
- Recommended Enclosure: 0.65 - 1.25 Cubic Feet

TS-SW124D

Premier® 12" Shallow-Mount Component Subwoofer

1200W MAX.



FEATURES:

- Double Cone Construction Using Carbon Fiber and Aramid Fiber Composite IMPP Cones
- Double Cone Reinforcement Nodes for Structural Rigidity (Patent Pending)
- Air Suspension Excursion Control System (Patent Pending)
- 3-Layer Fiber Woven Radial Surround
- 4-Layer, Long Voice Coil
- Single Voice Coil Design (4Ω)
- 8-Slit Glass Imide Voice Coil Bobbin
- Dual Surround (Spiderless) Suspension
- Extended and Vented Pole Yoke
- Bottom Hold Design Aluminum Die-Cast One-Piece Rigid Chassis
- Silver Binding Posts
- One-Piece Rubber Gasket
- Accessory Grill (UD-G306) Available
- Shallow Sealed Enclosure (UD-SW12) Available

SPECIFICATIONS:

- 1200 Watts Max. Music Power
- 300 Watts Nominal Power Handling
- Frequency Response: 18 - 1,000Hz
- Sensitivity: 88dB
- Recommended Enclosure: 0.6 - 1.0 Cubic Feet

TS-W126C/TS-W126DVC NEW FOR 2005

Premier® 12" Component Subwoofers

1000W MAX.



- Accessory Grille (UD-G306) Available
- Recommended Enclosure: 0.85 - 1.75 Cubic Feet
- **TS-W126C**
- 4Ω Rated
- **TS-W126DVC**
- Dual-Voice Coil Design (4Ω)



The TS-W126C Subwoofer with UD-G306 Spoke Grille. Grille also fits TS-W126DVC.

SPECIFICATIONS:

- 1000 Watts Max. Music Power
- 400 Watts Nominal Power Handling
- Frequency Response: 18 - 500Hz
- Sensitivity: 89dB

TS-W106C/TS-W106DVC NEW FOR 2005

Premier® 10" Component Subwoofers

800W MAX.



- Accessory Grille (UD-G256) Available
- Recommended Enclosure: 0.65-1.25 Cubic Feet
- **TS-W106C**
- 4Ω Rated
- **TS-W106DVC**
- Dual-Voice Coil Design (4Ω)



The TS-W106C Subwoofer with UD-G256 Spoke Grille. Grille also fits TS-W106DVC.

SPECIFICATIONS:

- 800 Watts Max. Music Power
- 350 Watts Nominal Power Handling
- Frequency Response: 18 - 600Hz
- Sensitivity: 87dB

SHARED FEATURES (TS-W126C/TS-W126DVC/TS-W106C/TS-W106DVC):

- Composite IMPP™ Cone Using Interlaced Aramid Fiber
- 3-Layer Fiber Woven Radial Surround
- 4-Layer, Long Voice Coil
- 12-Slit Aluminum Voice Coil Bobbin
- Dual Mass High-Power Magnet
- Conex Damper with Damper Ring
- Extended and Vented Pole Yoke
- Molded Gasket
- Magnet Cover

New Looks and Materials — for a "Bigger Boom" Bass. New SPL Subwoofers.

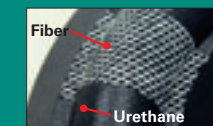
SPL subwoofers in 2005 come with new metallic looks and materials to deliver an even more exciting on-board listening experience. The larger magnet circuit, 7/8" (23mm) thick top plate, and newly-applied titanium voice coil bobbin — boasting 1.5 times more rigidity than previous models — combine to deliver even more powerful, punchier bass and a wider range of enclosure volume options. Use of new materials also improves the units' reliability regardless of enclosure volume. The ceramic-coated voice coil wire raises heat resistance by 50% and incorporated heat sink increases heat dissipation by 20%, while the Super Aramid Fiber Damper ensures higher reliability and comes with a new Double Damper Ring structure based on a new, patent-pending technology from Pioneer.



The new Premier SPL subwoofers feature multiple patent-pending technologies derived from extreme SPL competition, making it possibly the world's most advanced subwoofer.

3-Layer Fiber Woven Radial Surround and Newly Designed Cone

To reduce distortion and flexing that can occur during extreme performance, we've created a surround construction similar in concept to a radial tire. It consists of two layers of urethane sandwiching one layer of interwoven fiber that evenly distributes strength through the surround material, eliminating potential weak points.



Fiber Woven Radial Surround (Patent Pending)

Additionally, the new TS-W subwoofers come with a newly designed cone applying Pioneer patent-pending technology. It is divided into a parabolic-shaped main cone and a flexible drive cone that can be curved or straight, which enables even deeper bass.

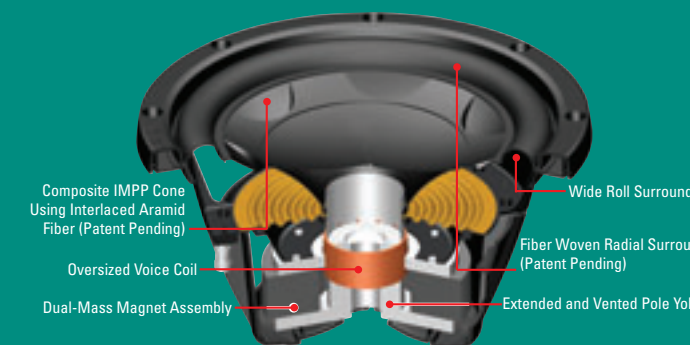
Dual Voice Coil. In search of perfect bass

DVC subwoofers have two voice coils of 4-ohms each, which may be connected in parallel to create a 2-ohm sub, or in a series, an 8-ohm sub. Thanks to advanced Dual Voice Coil (DVC) design you can use a low impedance amplifier to create exceptionally impressive sound reproduction with one or two more subs. When used in combination with a low load impedance compatible amp, DVC can give your subwoofers even more powerful bass reproduction capability. This flexibility gives you the power to create truly superior sound with hard driving bass.

Dual-Mass Magnet Assembly

Simply glance at our sub and you'll see our big idea. The Dual-Mass Magnet Assembly is nearly twice the size of a conventional subwoofer. It combines with the Extended Pole Yoke to create a significantly more powerful and focused magnetic force. It's this force that controls the voice coil and drives the woofer cone, bringing powerful, clean bass to thunderous life.

Cross Section of TS-W126DVC Subwoofer



Labels in diagram: Composite IMPP Cone Using Interlaced Aramid Fiber (Patent Pending), Wide Roll Surround, Fiber Woven Radial Surround (Patent Pending), Oversized Voice Coil, Dual-Mass Magnet Assembly, Extended and Vented Pole Yoke.

TS-WX121

12" Bass-Reflex Enclosed Subwoofer

400W MAX.



- FEATURES:**
- 12" Foamed IMPP Composite Cone (Silver Grey)
 - One-Piece Construction for Reduced Distortion

- Dual-Layer Urethane Surround
- Integrated Direct Voice Coil Mounting Ring
- Conex Damper with Dampener Ring
- Lead Wires Integrated into Damper for High Reliability and Improved Power Transfer
- Glass-Imide Voice Coil Bobbin
- Projected Pole Yoke with Vented Pole
- Bass-Reflex Design with Side Port
- Thick Wood Enclosure for Richer Bass Response
- Ideal Design for Sport-Utility Vehicles (SUV's) and Hatchbacks

- SPECIFICATIONS:**
- 400 Watts Max. Music Power (100 Watts Nominal)
 - Frequency Response: 20 - 1,500Hz
 - Sensitivity: 106dB (In-car)
 - 4Ω Rated
 - Dimensions: 18-7/8" x 13-1/2" x 14-1/8"

TS-WX101

10" Bass-Reflex Enclosed Subwoofer

350W MAX.



- FEATURES:**
- 10" Foamed IMPP Composite Cone (Silver Grey)
 - One-Piece Construction for Reduced Distortion

- Dual-Layer Urethane Surround
- Integrated Direct Voice Coil Mounting Ring
- Conex Damper with Dampener Ring
- Lead Wires Integrated into Damper for High Reliability and Improved Power Transfer
- Glass-Imide Voice Coil Bobbin
- Projected Pole Yoke with Vented Pole
- Bass-Reflex Design with Side Port
- Thick Wood Enclosure for Richer Bass Response
- Ideal Design for Sport-Utility Vehicles (SUV's) and Hatchbacks

- SPECIFICATIONS:**
- 350 Watts Max. Music Power (80 Watts Nominal)
 - Frequency Response: 20 - 1,800Hz
 - Sensitivity: 104dB (In-car)
 - 4Ω Rated
 - Dimensions: 18-7/8" x 12" x 16"

TS-TRX1000

Truck Riders® Series 3-Way Speaker System

250W 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: 35Hz - 24kHz
 - Sensitivity: 94dB
 - 4Ω Rated
 - Dimensions: 24" x 15" x 4-3/8"

TS-TRX800

Truck Riders® Series 2-Way Speaker System

200W MAX.



- FEATURES:**
- 8" IMPP Composite Cone Woofer
 - 2-1/4" Horn Tweeter
 - Optimized Bass-Reflex Design to Ensure Rich and Powerful Bass Reproduction
 - Mounting Belts and Plates Included

- SPECIFICATIONS:**
- 200 Watts Max. Music Power (75 Watts Nominal)
 - Frequency Response: 45Hz - 24kHz
 - Sensitivity: 92dB
 - 4Ω Rated
 - Dimensions: 17-1/2" x 13-1/2" x 4"

TS-TRX40

Truck Riders® Series 2-Way Speaker System

100W MAX.



- FEATURES:**
- 5" IMPP Composite Cone Woofer
 - 2-1/4" PPS (Polyphenylene Sulfide) Dome Tweeter
 - Water Resistant Diaphragms for Woofer and Tweeter
 - Versatile Mounting Bracket enables Top or Bottom Mounting

- SPECIFICATIONS:**
- 100 Watts Max. Music Power (35 Watts Nominal)
 - Frequency Response: 75Hz - 23kHz
 - Sensitivity: 90dB
 - 4Ω Rated
 - Dimensions: 11-1/4" x 7-1/2" x 4-5/8"

TS-C1653

6-1/2" Component Speaker Package

150W MAX.



- FEATURES:**
- 6-1/2" Foamed IMPP Composite Cone Woofer (Titanium Grey)
 - Butyl Rubber Surround
 - 7/8" Soft Dome Tweeter with Neodymium Magnet and Magnetic Fluid
 - Surface (Angled) or Flush Swivel Mounting
 - Outboard Crossover Network Included with -18dB/Oct. HPF and -6dB/Oct. LPF Filters and Tweeter Protection Circuit

- Full-Depth Basket for Rich Bass Response
 - New Basket Provides Improved Fit on GM Oversized 6-1/2" Applications
- SPECIFICATIONS:**
- 150 Watts Max. Music Power (50 Watts Nominal) (with 80Hz, -12dB/Oct. HPF); 120 Watts (40 Watts) without Crossover
 - Outboard Crossover Network Included with -18dB/Oct. HPF and -6dB/Oct. LPF Filters
 - Sensitivity: 90dB
 - 4Ω Rated

TS-C1353

5-1/4" Component Speaker Package

150W MAX.



- FEATURES:**
- 5-1/4" Foamed IMPP Composite Cone (Titanium Grey)
 - Butyl Rubber Surround
 - 7/8" Soft Dome Tweeter with Neodymium Magnet and Magnetic Fluid
 - Surface (Angled) or Flush Swivel Mounting
 - Outboard Crossover Network Included with -18dB/Oct. HPF and -6dB/Oct. LPF Filters and Tweeter Protection Circuit

- SPECIFICATIONS:**
- 150 Watts Max. Music Power (50 Watts Nominal) (with 80Hz, -12dB/Oct. HPF); 90 Watts (30 Watts) without Crossover
 - Sensitivity: 90dB
 - Frequency Response: 40Hz - 32kHz
 - 4Ω Rated

TS-T15

3/4" Component Soft Dome Tweeter

120W MAX.



- FEATURES:**
- Small-Sized (3/4") Polyester Fiber Soft Dome Tweeter with Neodymium Magnet and Magnet Fluid

- -6dB/Oct. Capacitor for Tweeter Protection (Included)
 - Flush and Surface Mounting Capabilities
- SPECIFICATIONS:**
- 120 Watts Max. Music Power (40 Watts Nominal) (with Network)
 - Frequency Response: 2,500Hz - 30kHz
 - Sensitivity: 90dB
 - 4Ω Rated

TS-T110

7/8" Component Hard Dome Tweeter

120W MAX.



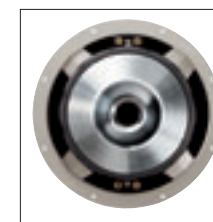
- FEATURES:**
- 7/8" PPTA Hard Dome Tweeter with Strontium Magnet and Magnetic Fluid

- In-Line -6dB/Oct. Capacitor for Tweeter Protection
 - Surface or Flush Mounting Capabilities
- SPECIFICATIONS:**
- 120 Watts Max. Music Power (40 Watts Nominal) (with Included Crossover)
 - Frequency Response: 2,500Hz - 30kHz
 - Sensitivity: 90dB
 - 4Ω Rated

TS-W12PRS

Premier® 12" Subwoofer

1200W MAX.



TS-W12PRS features a 4-spoke aluminum die-cast basket.

- FEATURES:**
- Voice Coil Cooling System (VCCS)
 - KEVLAR® Brand Fiber Composite Cone Woofer
 - Dual-Layer Rolled Urethane Surround
 - Dual-Voice Coil Design (2Ω or 8Ω)
 - 4-Spoke Aluminum Die-Cast Basket
 - Gold-Plated Binding Posts
 - Small Enclosure Capability (1.0 Cubic Foot Recommended)

- SPECIFICATIONS:**
- 1200 Watts Max. Music Power
 - 300 Watts Nominal Power Handling
 - Frequency Response: 15 - 2,000Hz
 - Sensitivity: 92dB
 - 2Ω Rated (Parallel Wired)
 - 8Ω Rated (Series Wired)

TS-T3PRS

Premier® 1-1/4" Soft Dome Tweeter

200W MAX.



- FEATURES:**
- Polyester Fiber Soft Dome
 - Large Out-flux Neodymium Magnet with Magnetic Fluid
 - Aluminum Voice Coil Bobbin
 - Aluminum Die-Cast Flange
 - Removable Mesh
 - Aluminum Die-Cast Back Chamber
 - Gold-Plated Terminals

- SPECIFICATIONS:**
- 200 Watts Max. Music Power
 - 60 Watts Nominal Power Handling
 - Frequency Response: 1kHz - 30kHz
 - Sensitivity: 92dB
 - 8Ω Rated

TS-M7PRS

Premier® 6-3/4" Mid-Bass Driver

200W MAX.



Rear View

- FEATURES:**
- KEVLAR® Brand Fiber Composite Cone Woofer
 - Butyl Rubber, Symmetrical Balanced Surround
 - High-Energy Strontium Magnet
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - Projected Pole Yoke with Vented Pole
 - Aluminum Die-Cast Frame
 - Gold-Plated Binding Posts

- Tuned for Kick Panel Application (0.175 Cubic Feet)
- SPECIFICATIONS:**
- 200 Watts Max. Music Power
 - 60 Watts Nominal Power Handling
 - Frequency Response: 28Hz - 10kHz
 - Sensitivity: 91dB
 - 4Ω Rated

UD-N2PRS

Premier® Passive Crossover Network

200W MAX.

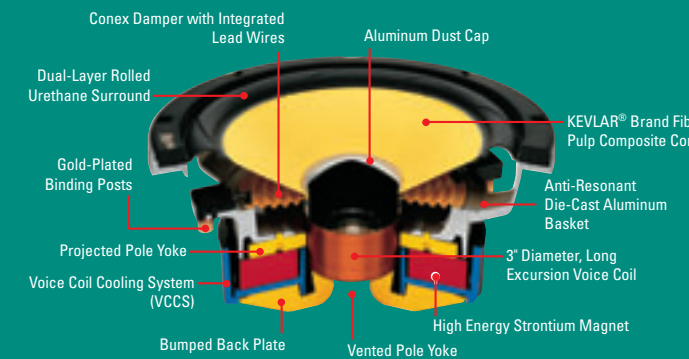


- FEATURES:**
- 2-Way Passive Crossover (For Use with TS-M7PRS and TS-T3PRS)
 - Crossover Frequency 3kHz
 - -12dB/Oct. Low Pass Filter (LPF)
 - -12dB/Oct. High Pass Filter (HPF)
 - Selected Quality Devices
 - EMI (Electromagnetic Interference) Shielding Chassis

- Tweeter Level Adjustment (0, -3dB) and Tweeter Protection Circuit
 - Gold-Plated Screw Terminals
- SPECIFICATIONS:**
- 200 Watts Max. Power Handling
 - 60 Watts Nominal Power Handling

PRS Technology

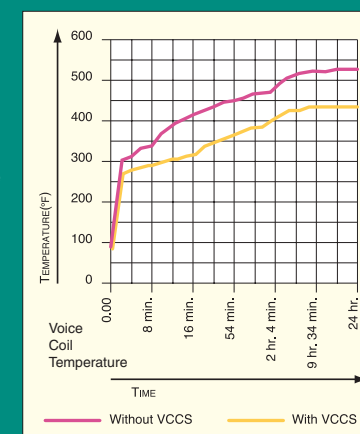
PRS loud speaker don't just look different, they are different. That's because every distinctive element of their design has a purpose. KEVLAR® Brand Fiber makes them stronger and lighter and more accurate and responsive. Innovations like a Dual-Layer Rolled Surround and Voice Coil Cooling System help them maintain exquisite tonal accuracy. Fact is, PRS speakers are so advanced there isn't another speaker worthy of their comparison.



Performance that's off the charts Voice Coil Cooling System



Typically, the longer and louder you play your sub, the hotter it gets. This changes its electrical and mechanical characteristics and adversely affects sound quality. Pioneer's Voice Coil Cooling System (VCCS) draws heat away from the inside of the sub, reducing temperatures by up to 100 degrees. In the simplest terms, it keeps your sound crisp and your sub from losing its cool.



TS-D901P NEW FOR 2005

Premier® 6" X 9" REV 2-Way Speaker

DuPont™ KEVLAR

350W MAX



FEATURES:

- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPP™ Composite Cone
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- Copper Ring
- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Newly-Designed Wave Guides for Even Better Dispersion Control
- Built-in LC Network (-12dB/Oct. LPF & HPF)
- Newly-Designed Full-Depth Basket Boasting Much Higher Compressive Strength and Better Damping

SPECIFICATIONS:

- 350 Watts Max. Music Power (80 Watts Nominal)
- Frequency Response: 22Hz - 32kHz
- Sensitivity: 91dB
- 4Ω Rated

TS-D701P NEW FOR 2005

Premier® 6-3/4" REV 2-Way Speaker

DuPont™ KEVLAR

280W MAX.



FEATURES:

- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPP™ Composite Cone
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- Copper Ring
- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Newly-Designed Wave Guides for Even Better Dispersion Control
- Built-in LC Network (-12dB/Oct. LPF & HPF)
- Newly-Designed Basket Boasting Much Higher Compressive Strength and Better Damping

SPECIFICATIONS:

- 280 Watts Max. Music Power (60 Watts Nominal)
- Frequency Response: 25Hz - 32kHz
- Sensitivity: 91dB
- 4Ω Rated

TS-D801P NEW FOR 2005

Premier® 6" X 8" REV 2-Way Speaker

DuPont™ KEVLAR

260W MAX.



FEATURES:

- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPP™ Composite Cone
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- Copper Ring
- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Newly-Designed Wave Guides for Even Better Dispersion Control
- Built-in LC Network (-12dB/Oct. LPF & HPF)
- Newly-Designed Basket Boasting Much Higher Compressive Strength and Better Damping

SPECIFICATIONS:

- 260 Watts Max. Music Power (60 Watts Nominal)
- Frequency Response: 27Hz - 32kHz
- Sensitivity: 91dB
- 4Ω Rated

TS-D601P NEW FOR 2005

Premier® 6-1/2" REV 2-Way Speaker

DuPont™ KEVLAR

260W MAX.



FEATURES:

- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPP™ Composite Cone
- Butyl Rubber Surround for Smoother Response
- Glass-Imide Voice Coil Bobbin
- Conex Damper
- Copper Ring
- 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
- Newly-Designed Wave Guides for Even Better Dispersion Control
- Built-in LC Network (-12dB/Oct. LPF & HPF)
- Newly-Designed Basket Boasting Much Higher Compressive Strength and Better Damping

SPECIFICATIONS:

- 260 Watts Max. Music Power (60 Watts Nominal)
- Frequency Response: 27Hz - 32kHz
- Sensitivity: 90dB
- 4Ω Rated

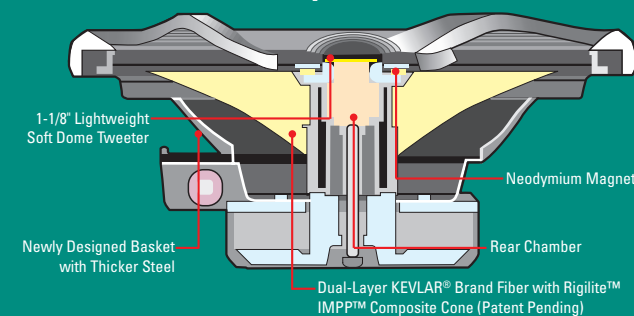
REV Series Evolution — for Even More Excitement

The new REV (TS-D) Series speakers boost the impact of sound with high power and smooth, accurate sound reproduction. The composite IMPP cones now feature 2nd generation KEVLAR® Brand Fiber composite cone with ceramic coating, which enables high spec in sound-propagation speed, internal loss, and rigidity. The result is more detailed, high-fidelity sound with lower resonance and better transient response in low and mid ranges.

And the true beauty of REV Series speakers is the science built into their soft-dome tweeters. Ordinary speaker woofers play frequencies that extend into the higher ranges. REV Series speakers direct those crisp sounds exclusively to the tweeters, thanks to a diaphragm and rear chamber that controls damping and improves imaging and staging. The domes themselves are made of newly-applied lightweight material, and the gentle shape of the domes improves sound by preventing sharp, top-end peaks.

Also contributing to better sound is the newly designed basket with thicker steel — more than 1.4 times thicker than previous models — which results in more than three-times higher compressive strength and better damping.

Cross Section of REV Speaker

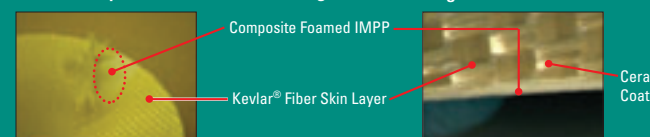


Wave Guides

To help control the dips in frequency response, REV Series tweeters rely on an innovation called wave guides. They affect the dispersion patterns of sound waves and provide a sound image that is clear and focused. Wave guides also enhance localization, depth in soundstage and generate a wider sweet spot than normal tweeters. The new REV Series comes with an updated version of wave guides, which boasts even higher performance.



Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPP™ Composite Cone (Patent Pending)



TS-C160R NEW FOR 2005

6-1/2" REV Component Speaker Package

250W MAX.



FEATURES:

- 6-1/2" KEVLAR® Brand Fiber Composite Cone Woofer
- Butyl Rubber Surround for Smoother Response
- CCAW (Copper-Clad Aluminum Wire) Voice Coil
- Glass-Imide/Copper Voice Coil Bobbin
- Conex Damper
- VCCS™ (Voice Coil Cooling System) with Aluminum Dust Cap
- Projected Pole Yoke
- 1" Lightweight Soft Dome Tweeter with Magnetic Fluid and Neodymium Magnet
- Surface (Angled) or Flush Swivel Mounting
- Outboard Crossover Network Included with -12dB/Oct. HPF and -12dB/Oct. LPF, Tweeter Protection Circuit and Tweeter Level Adjustment (0, -3dB)
- Aluminum Die-Cast Full-Depth Basket for Rich Bass Response
- Gold-Plated Binding Posts
- Fits GM Oversized 6-1/2" Applications

SPECIFICATIONS:

- 250 Watts Max. Music Power (60 Watts Nominal)
- Frequency Response: 25Hz - 32kHz
- Sensitivity: 90dB
- 4Ω Rated

TS-C130R NEW FOR 2005

5-1/4" REV Component Speaker Package

180W MAX.



FEATURES:

- 5-1/4" KEVLAR® Brand Fiber Composite Cone Woofer
- Butyl Rubber Surround for Smoother Response
- Glass-Imide/Copper Voice Coil Bobbin
- Conex Damper
- VCCS™ (Voice Coil Cooling System) with Aluminum Dust Cap
- Projected Pole Yoke
- 1" Lightweight Soft Dome Tweeter with Magnetic Fluid and Neodymium Magnet
- Surface (Angled) or Flush Swivel Mounting
- Outboard Crossover Network Included with -12dB/Oct. HPF and -12dB/Oct. LPF, Tweeter Protection Circuit and Tweeter Level Adjustment (0, -3dB)
- Aluminum Die-Cast Full-Depth Basket for Rich Bass Response
- Gold-Plated Binding Posts

SPECIFICATIONS:

- 180 Watts Max. Music Power (40 Watts Nominal)
- Frequency Response: 35Hz - 32kHz
- Sensitivity: 90dB
- 4Ω Rated

TS-A6991R NEW FOR 2005

6" x 9" 5-Way Speaker **460W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Dual Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 2-1/4" Lightweight Balanced Dome Midrange with Magnetic Fluid
 - 1-1/2" Film Cone Tweeter with Neodymium Magnet
 - 3/4" Dome Supertweeter
 - Full-Depth Basket for Rich Bass Response

TS-A941P NEW FOR 2005

Premier® 6" x 9" 4-Way Speaker **420W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Dual Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 2-1/4" Lightweight Balanced Dome Midrange with Magnetic Fluid
 - 1-1/2" Film Cone Tweeter
 - 3/4" Dome Supertweeter
 - Full-Depth Basket for Rich Bass Response

TS-A931P NEW FOR 2005

Premier® 6" x 9" 3-Way Speaker **300W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Dual Aramid Fiber
 - Glass-Imide Voice Coil Bobbin
 - 2-1/4" Lightweight Balanced Dome Midrange with Magnetic Fluid
 - 3/4" Cone Tweeter
 - Shallow Basket for Increased Installation Versatility

TS-A6961R NEW FOR 2005

6" x 9" 3-Way Speaker **230W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Glass-Imide Voice Coil Bobbin
 - 2-1/4" Film Cone Midrange
 - 3/4" Cone Tweeter
 - Shallow Basket for Increased Installation Versatility

TS-A6880R

6" x 8" Custom-Fit 4-Way Speaker **240W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 1-5/8" Foamed PPC (Pearl Poly-Carbon) Balanced Dome Midrange with Magnetic Fluid and Strontium Magnet
 - 5/8" Dome Tweeter
 - 3/8" Dome Supertweeter
 - Custom-Fit for Ford and Mazda Vehicles

TS-A6870R

6" x 8" Custom-Fit 3-Way Speaker **220W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 1-5/8" Foamed PPC (Pearl Poly-Carbon) Balanced Dome Midrange with Magnetic Fluid and Strontium Magnet
 - 3/8" Dome Tweeter
 - Custom-Fit for Ford and Mazda Vehicles

TS-G6840R

6" x 8" Custom-Fit 2-Way Speaker **150W MAX.**



- FEATURES:**
- IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet
 - Kapton Voice Coil Bobbin
 - Conex Damper
 - 1-1/2" Film Cone Tweeter
 - New Custom-Fit for Ford and Mazda Vehicles

TS-A5713

5" x 7" Custom-Fit 2-Way Speaker **120W MAX.**



- FEATURES:**
- Foamed IMPP Composite Cone Woofer
 - Urethane Surround for High Efficiency
 - High-Energy Strontium Magnet
 - 1-5/8" Cone Tweeter
 - Custom-designed Speaker Basket Fits Ford, Chrysler and Toyota (6" x 8" or 5" x 7") Factory Provisions

New Materials, New Shape — Better Sound

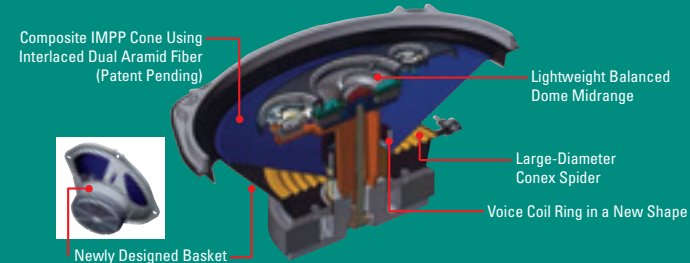
The new TS-A series speakers feature a composite IMPP cone woofer that uses two kinds of interlaced aramid fiber for even higher sound quality — one for sufficient volume in low frequency levels and the other for creating a smooth, natural, stereoscopic sound field with minute details. Use of the two materials also increases the rigidity and durability of the woofer, and the voice coil ring with reduced thickness permits better linearity.

The lightweight balanced dome midrange enables improved sensitivity and better transient. Its overall shape has been optimized through repeated simulations. The result is reduced sound-wave interference between the dome and the surrounding area.

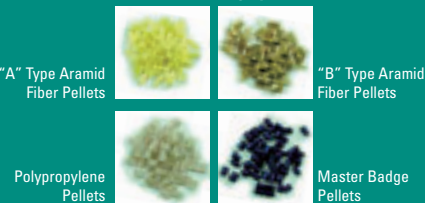
New Basket Design

Behind the TS-A series speakers' cool-looking face — featuring metallic sub grill and new spoke grills — is the newly designed basket, which ensures higher sound quality and easy installation on a wider variety of vehicles. The new basket design boasts higher compressive strength, while the wider installation coverage is enabled by smaller cutout holes that maintain the vibration area.

Cross Section of TS-A6991R Speaker



The IMPP cones of new TS-A series are made from two types of aramid fibers, polypropylene, and master badge pellets.



Microscopic Cross Section View

The new cone boasts even higher rigidity and durability.

"A" Type Aramid Fiber Pellets



"B" Type Aramid Fiber Pellets



Polypropylene Pellets



Master Badge Pellets



TS-A1780R

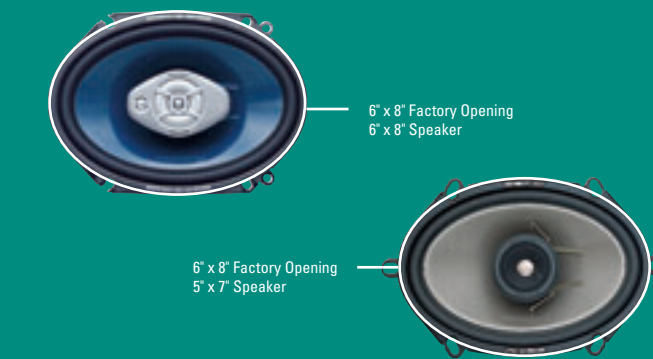
6-3/4" 4-Way Speaker **240W MAX.**



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 1-5/8" Foamed PPC (Pearl Poly-Carbon) Balanced Dome Midrange with Magnetic Fluid and Strontium Magnet
 - 3/8" Dome Tweeter
 - 3/8" Dome Supertweeter

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-A641P NEW FOR 2005

Premier® 6-1/2" 4-Way Speaker 260W MAX.



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Dual Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Dampener
 - 1-5/8" Lightweight Balanced Dome Midrange with Magnetic Fluid
 - 5/8" Dome Tweeter
 - 3/8" Dome Supertweeter
 - Full-Depth Basket for Rich Bass Response

TS-A631P NEW FOR 2005

Premier® 6-1/2" 3-Way Speaker 220W MAX.



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Dual Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Dampener
 - 1-5/8" Lightweight Balanced Dome Midrange with Magnetic Fluid and Neodymium Magnet
 - 3/8" Dome Tweeter
 - Shallow Mounting Depth for Increased Installation Versatility

TS-A4103

4" x 10" 2-Way Speaker 120W MAX.



- FEATURES:**
- IMPP Composite Cone Woofer
 - Urethane Surround for High Efficiency
 - High-Energy Strontium Magnet (Woofer/Tweeter)
 - Aluminum Voice Coil Bobbin
 - Conex Dampener
 - 1-5/8" Cone Tweeter

TS-P462

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



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

TS-A4670R

4" x 6" 3-Way Speaker 120W MAX.



- FEATURES:**
- Composite IMPP Cone Using Interlaced Aramid Brand Fiber
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Conex Dampener
 - 1-1/8" Foamed PPC (Pearl Poly-Carbon) Balanced Dome Midrange with Magnetic Fluid and Neodymium Magnet
 - 3/8" Film Dome Tweeter
 - Custom-Fit US/European Compatible Basket Design

TS-G1640R

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



- FEATURES:**
- IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet (Woofer)
 - Kapton Voice Coil Bobbin
 - Conex Dampener
 - CCAW (Copper-Clad Aluminum Wire) Voice Coil
 - 1-5/8" Film Cone Tweeter
 - 6-3/4" Compatibility (GM Tabs)

TS-G1340R

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



- FEATURES:**
- IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet (Woofer)
 - Kapton Voice Coil Bobbin
 - Conex Dampener
 - 1-3/8" Film Cone Tweeter
 - Shallow Mounting Depth for Wider Installation Coverage

TS-G4640R

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



- FEATURES:**
- IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet
 - Kapton Voice Coil Bobbin
 - Conex Dampener
 - 1-3/8" Film Cone Tweeter
 - New Custom-Fit US/European Compatible Basket Design

TS-A1057

4" 2-Way Speaker 100W MAX.



- FEATURES:**
- Foamed IMPP Composite Cone Woofer
 - High-Compliance Urethane Surround for High Efficiency
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Dampener
 - 1" Foamed PPC (Pearl Poly-Carbon) Balanced Dome Tweeter with Neodymium Magnet and Magnetic Fluid
 - 4 & 2-Hole Compatibility with Removable Screw Holes

TS-G1040R

4" 2-Way Speaker 100W MAX.



- FEATURES:**
- IMPP Composite Cone Woofer
 - Kapton Voice Coil Bobbin
 - Cotton/Conex Dampener
 - 1-1/8" Film Cone Tweeter
 - 4 & 2-Hole Compatibility with Removable Screw Holes

Foamed PPC

PPC (or Pearl Poly-Carbon to us engineers) is a lightweight material that delivers high sensitivity, open sound character and smooth extended frequency response in tweeters. Not only that, but it has a high inner loss that reduces distortion. It's also blended with special carbon fiber for UV resistance and protection against the harsh environment of your car. Think of it as the perfect soundstage for the crisp highs you demand.

Speaker Specifications located on Page 34.

TS-A530P

Premier® 5-1/4" 3-Way Speaker 160W MAX.



- FEATURES:**
- Interlaced Aramid Fiber Reinforced Cone Woofer
 - Butyl Rubber Surround for Smoother Response
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Conex Dampener
 - 1-5/8" Foamed PPC (Pearl Poly-Carbon) Cone Midrange with Magnetic Fluid and Strontium Magnet
 - 3/8" Dome Tweeter

TS-A878

3-1/2" Dash-Mount 2-Way Speaker 60W MAX.



- FEATURES:**
- 3-1/2" Carbon-Graphite Blended IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet (Woofer)
 - Glass-Imide Voice Coil Bobbin
 - Conex Dampener
 - 1" PEI (Poly-Ether Imide) Dome Tweeter
 - Ultra-Slim Neodymium Magnet (Tweeter)
 - Custom-Fit for GM, Ford and Volkswagen Vehicles

TS-877

3-1/2" Dash-Mount Dual-Cone Speaker 40W MAX.



- FEATURES:**
- 3-1/2" Cone Woofer
 - Custom-Fit for GM, Ford and Volkswagen Vehicles

TS-X200

Surface-Mount 3-Way Speaker 80W MAX.



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

Speaker Specifications located on Page 34.

TS-MR2040

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



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

TS-MR1640

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



- 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

TS-MR1600

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



- 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

CD-MR80D **NEW FOR 2005**

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 x 72 x 46mm)
- *For details about compatible units and available controls, contact your dealer or nearest Pioneer Service Center.
**Available in conjunction with DEH-P770MP, DEH-P670MP, DEH-P470MP, and DEH-P3700MP.

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 x 67 x 46mm)

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)

AUDIO VIDEO ACCESSORIES

AD-GA10

Offset Installation Kit
For use with AVIC-N2, AVH-P7600DVD and AVH-P5700DVD.

CD-V61FM

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

CD-VS33

Video Switcher
Universal switcher with 3 A/V 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-P7600DVD for true surround sound.



NAVIGATIONAL ACCESSORIES

ND-BC1

Universal Rear View Camera
Features include high resolution, compact size and reversed-image capability.



CD-VC1

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

CD-TS37GP

Navigation Guidance Speaker
Optional guidance speaker for use when the AVIC-N2 is connected to a multi-channel processor.

CD-SR11 **NEW FOR 2005**

Steering Remote for Pioneer Navigation Systems
Compatible with AVIC-D1, AVIC-N1, and AVIC-N2.

CD-RV1

Rear Seat Mini Remote
Allows rear seat passenger to control AVIC-N2's DVD playback functions. For use only with AVIC-N2.



CNDV-50MTP **NEW FOR 2005**

Touch Panel Navigation Upgrade Discs
Upgrade discs for Pioneer Touch Panel Navigation Systems. Include database and feature upgrade equivalent to AVIC-N2 and AVIC-D1 (XM NavTraffic™ capability only available with AVIC-N2). Compatible with AVIC-N1, and AVIC-88DVD, AVIC-80DVD, AVIC-90DVD, and AVIC-9DVD when used with Touch Panel Display only (AVD-W6210, AVH-P6400CD, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD).

CNDV-40R **NEW FOR 2005**

Remote Control Navigation Upgrade Discs
Upgrade discs for Pioneer Remote Control Navigation Systems. Include database and feature upgrade equivalent to AVIC-N1 and AVIC-88DVD. Compatible with AVIC-80DVD, AVIC-90DVD and AVIC-9DVD when used with Remote Control Displays only (AVD-W6010, AVH-P6400CD, AVH-P6400, AVX-P7300DVD).

CD-SC300E

Trunk-Mount Extension System Cable (3 meter)
Extension between main unit and the hideaway box.

CD-600DC **NEW FOR 2005**

Data Communication Cable (6 meter)
For Connecting AVIC-D1/AVIC-N2 with GEX-P10XMT.

CD-TS37GP

Navigation Guidance Speaker
Optional guidance speaker for use when the AVIC-N2 is connected to a multi-channel processor.

CD-RGB26P

26-Pin RGB Connection Box
Required when connecting the AVIC-880DVD to 20-pin RGB components.

CD-TS36

Voice Guidance Speaker with IR Sensor for AVIC-9DVD, AVIC-90DVD, AVIC-80DVD and AVIC-880DVD
For use with Non-Pioneer Displays (CD-RGB26P is also required for Non-Pioneer Displays.)

AUDIO VIDEO/NAVIGATION CABLES

CD-AB300

AV-Bus Cable (3 meter)
Male-to-Male. For use with AVH-P7600DVD and AVH-P5700DVD when connecting to XDV-P90.

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-P7600DVD and AVH-P5700DVD when connecting to XDV-P90.

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 CONTROL

CD-R5 **NEW FOR 2005**

Remote Control
Required for stand-alone control and functionality when using AVH-P5700DVD.

CD-R11

Full Function Audio Video and Navi Remote
Necessary when using AVIC-880DVD with non-Pioneer or non-touch monitors.

CD-R600

Full Function Smart Remote Control
For use with remote ready IP-Bus Headunits and AVM-P7000R. (No Video Control)



CD-R7

DVD Remote with IR Sensor
For use with XDV-P90 when used in stand-alone mode.

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 AVH-P6400CD, AVH-P6400, AVH-P6500DVD, AVH-P6600DVD, AVM-P7000R, and all IP-Bus source units. With DVD NAVI Voice Controller.

CELLULAR ACCESSORIES

CD-CM1

Add-on Cellular Mute Kit
For use with all cellular mute compatible headunits. (Analog phones only)

SPEAKER GRILLES

UD-G306 **NEW FOR 2005**

12" Spoke Grille
For use with TS-W126C, TS-W126DVC and TS-W300R.

UD-G256 **NEW FOR 2005**

10" Spoke Grille
For use with TS-W106C, TS-W106DVC and TS-W250R.

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)
Female-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-P90, FM and Straight 6 Disc Changers, 1996 to current.

JD-T1212

12 Disc Magazine
For use with FM and Straight 12 Disc Changers, 1995 and earlier.

JD-T612

6 Disc Magazine
For use with FM and Straight 6 Disc Changers, 1995 and earlier.

JD-M3000CEEA

6 Disc Magazine
For use with CDX-M30 only.

AUXILIARY INPUT ADAPTERS

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.

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.



Speakers	Size	Max. Music Power (Nominal)	Frequency Response	Sensitivity	Impedance	Mounting Depth	Cut-Out Dimensions
TS-D901P	6" x 9"	350W (80W)	22Hz - 32kHz	91dB	4Ω	3-1/2" (88.8mm)	6" x 8-7/8" (153mm x 225mm)
TS-D801P	6" x 8"	260W (60W)	27Hz - 32kHz	91dB	4Ω	2-9/16" (65.5mm)	5-1/4" x 7-1/2" (133mm x 191mm)
TS-D701P	6-3/4"	280W (60W)	25Hz - 32kHz	91dB	4Ω	2-9/16" (64.5mm)	5-1/2" (139mm)
TS-D601P	6-1/2"	260W (60W)	27Hz - 32kHz	90dB	4Ω	2-5/16" (59mm)	5-1/16" (128mm)
TS-C160R	6-1/2"	250W (60W)	25Hz - 32kHz	90dB	4Ω	2-3/8" (60.5mm)	5-1/16" (128mm) [†]
TS-C130R	5-1/4"	180W (40W)	35Hz - 32kHz	90dB	4Ω	2-1/4" (56.5mm)	4-3/4" (121mm) [†]
TS-A6991R	6" x 9"	460W (80W)	25Hz - 35kHz	93dB	4Ω	3-7/16" (87mm)	6" x 8-7/8" (153mm x 225mm)
TS-A941P	6" x 9"	420W (80W)	25Hz - 33kHz	93dB	4Ω	3-3/8" (86mm)	6" x 8-7/8" (153mm x 225mm)
TS-A931P	6" x 9"	300W (40W)	28Hz - 33kHz	93dB	4Ω	2-7/8" (73mm)	6" x 8-7/8" (153mm x 225mm)
TS-A6961R	6" x 9"	230W (40W)	28Hz - 28kHz	93dB	4Ω	2-7/8" (73mm)	6" x 8-7/8" (153mm x 225mm)
TS-A6880R	6" x 8"	240W (50W)	30Hz - 30kHz	91dB	4Ω	2-1/2" (62mm)	7-1/2" x 5-1/4" (191mm x 133mm)
TS-A6870R	6" x 8"	220W (50W)	30Hz - 28kHz	91dB	4Ω	2-1/2" (62mm)	7-1/2" x 5-1/4" (191mm x 133mm)
TS-G6840R	6" x 8"	150W (30W)	35Hz - 22kHz	90dB	4Ω	2-3/8" (59mm)	7-1/2" x 5-1/2" (191mm x 139mm)
TS-A5713	5" x 7"	120W (40W)	35Hz - 24kHz	92dB	4Ω	2-1/4" (58.5mm)	7-1/4" x 5" (183mm x 126mm)
TS-A1780R	6-3/4"	240W (50W)	28Hz - 30kHz	91dB	4Ω	2-1/2" (62.5mm)	5-1/2" (139mm)
TS-A641P	6-1/2"	260W (50W)	30Hz - 33kHz	91dB	4Ω	2-1/4" (57mm)	5-1/16" (128mm)
TS-A631P	6-1/2"	220W (35W)	30Hz - 33kHz	90dB	4Ω	1-3/4" (44mm)	5-1/16" (128mm)
TS-G1640R	6-1/2"	160W (30W)	35Hz - 22kHz	92dB	4Ω	1-5/8" (42mm)	5-1/16" (128mm)
TS-G1340R	5-1/4"	130W (25W)	40Hz - 22kHz	91dB	4Ω	1-7/8" (46mm)	4-3/4" (121mm)
TS-A530P	5-1/4"	160W (35W)	40Hz - 30kHz	91dB	4Ω	2-1/16" (53mm)	4-3/4" (121mm)
TS-A4103	4" x 10"	120W (35W)	38Hz - 23kHz	91dB	4Ω	2-1/2" (64mm)	6-7/8" x 3-3/8" (175mm x 85mm)
TS-P462	4" x 6"	150W (50W)* 80W (20W)**	70Hz - 32kHz 45Hz - 32kHz**	89dB	4Ω	1-5/8" (42mm)	4" x 6" (100mm x 153mm)
TS-A4670R	4" x 6"	120W (20W)	45Hz - 30kHz	90dB	4Ω	1-3/4" (45mm)	3-3/4" x 6" (95mm x 153mm)
TS-G4640R	4" x 6"	100W (20W)	45Hz - 22kHz	90dB	4Ω	1-3/4" (45mm)	4-7/8" x 2-7/8" (123 x 73mm)
TS-A1057	4"	100W (20W)	45Hz - 30kHz	90dB	4Ω	1-11/16" (42.8mm)	4" (102mm)
TS-G1040R	4"	100W (20W)	45Hz - 22kHz	90dB	4Ω	1-5/8" (43mm)	4-1/8" (106mm)
TS-A878	3-1/2"	60W (15W)	60Hz - 28kHz	88dB	4Ω	1-3/8" (36mm)	3" (77mm)
TS-877	3-1/2"	40W (10W)	90Hz - 20kHz	88dB	4Ω	1-1/2" (37mm)	3" (77mm)
TS-MR2040	8"	200W (40W)	25Hz - 30kHz	92dB	4Ω	2-15/16" (75mm)	7-5/16" (186mm)
TS-MR1640	6-1/2"	160W (30W)	30Hz - 30kHz	91dB	4Ω	2-3/16" (56mm)	5-1/8" (130mm)
TS-MR1600	6-1/2"	100W (25W)	30Hz - 20kHz	90dB	4Ω	2-3/16" (56mm)	5-1/8" (130mm)

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

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