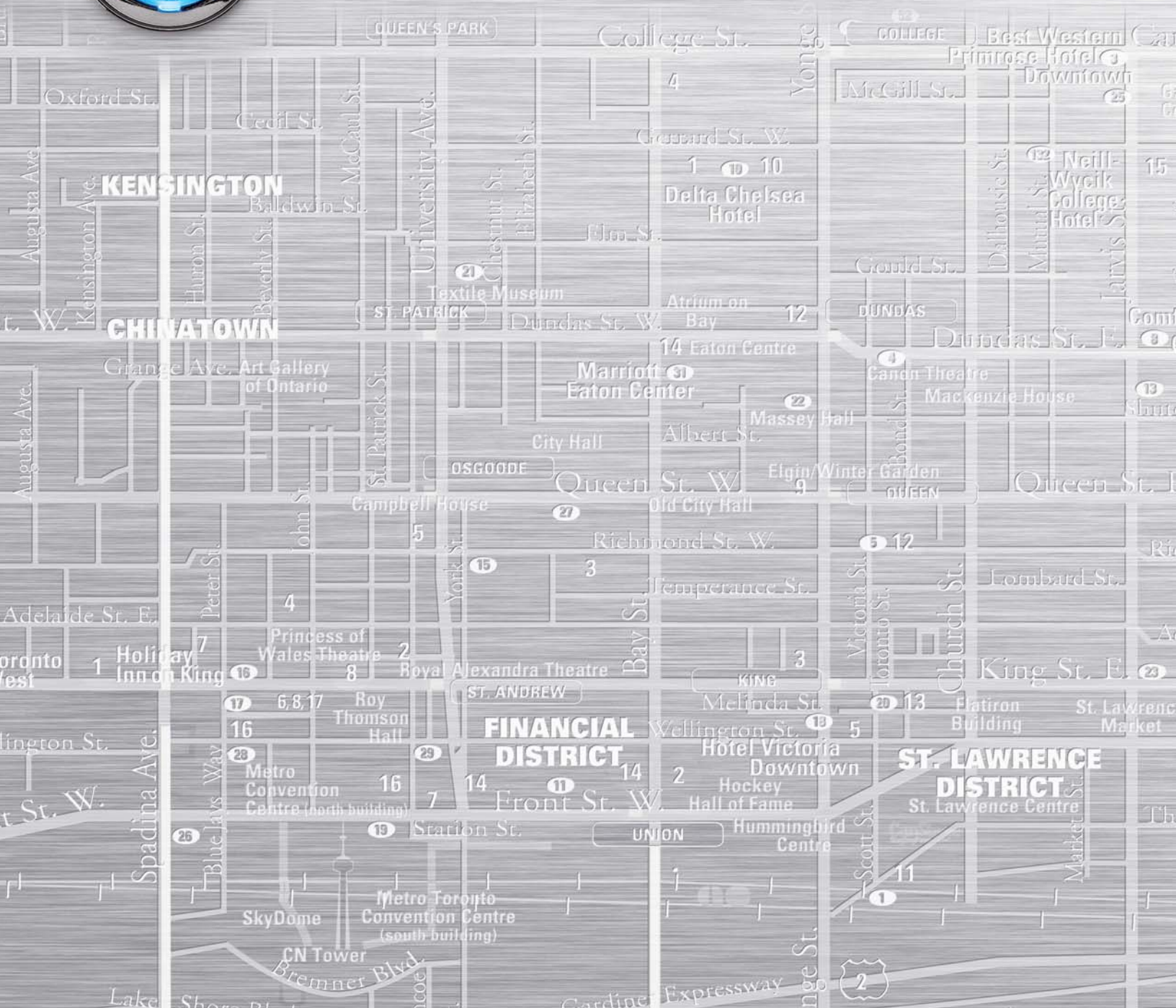




2005 MOBILE ENTERTAINMENT SYSTEMS



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 Canada and United States, 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.

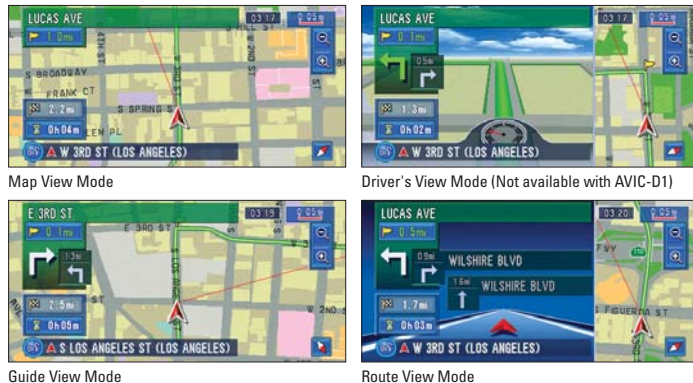


Routing Function and Four View Modes

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. So if you make a wrong turn, it will let you know. 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.



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.



Roadside Assistance Display

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 and routes the driver to their destination avoiding traffic congestion. The traffic information is provided through a continuous 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 will automatically alert you of the traffic ahead, and suggest any 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.

The NavTraffic™ service will be available in the following 20 cities in 2005, with coverage to be expanded in the future: Atlanta, Baltimore, Boston, Chicago, Dallas/Ft. Worth, Detroit, Houston, Los Angeles, Miami/Ft. Lauderdale, Minneapolis/St. Paul, New York City, Philadelphia, Phoenix, Pittsburgh, San Francisco/Oakland, San Diego, San Jose, Seattle, St. Louis, Washington D.C.



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™ 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 Canada, Alaska, Hawaii, or U.S. territories)



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 120 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.



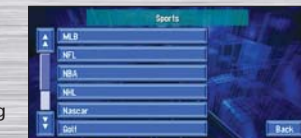
Channel-specific icons are listed with the channel names. The guitar icon above indicates "Rock-channel" category.

MyMix Function (with AVIC-D1)

Favorite musicians, albums, and songs may be registered with "MEMO" key. The unit can alert passengers when a song (of the registered artist) 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

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- 6.5W**
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- MOSFET 50Wx4**
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DVD Memory Navigation System with Simultaneous Navigation/AV, Tri-Zone Entertainment, and 6.5-inch Motorized, Touch Panel Display

NAVIGATION & COMPUTER FEATURES:

- Canada and US DVD Map Disc (CNDV-50MT) (Including Hawaii and Alaska)
- XM NavTraffic™ Compatibility for Receiving Detailed Traffic Information and Other Latest Data Delivery Services (GEX-P10XMT required)
- Roadside Assistance Display
 - Display Current Location by Street Name and Latitude/Longitude
 - Store Key Emergency Contact Information
- 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

NEW FOR 2005

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.



1-3/16"

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
 - Advanced XM Satellite Radio Control (GEX-P10XMT required)
 - 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-P6400TV 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™

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 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.



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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- 6.5W**
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- WMA**
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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:

- Canada and US DVD Map Disc (CNDV-50MT) (Including Hawaii and Alaska)
- XM NavTraffic™ Compatibility for Receiving Detailed Traffic Information and Other Latest Data Delivery Services (GEX-P10XMT required)
- Roadside Assistance Display
 - Display Current Location by Street Name and Latitude/Longitude
 - Store Key Emergency Contact Information
- 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-P6400TV or XDV-P90 Player) (CD-AB50 is required for XDV-P90)
- Composite A/V Input (AV1) for VCP or Game
- Wired Remote Control Input
- Steering Remote Ready



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 ultra-reliable navigator is in operation — in other words, there is no need to eject the map DVD-ROM.

The motorized slide-out face panel permits two-step control. Push OPEN key, and it opens halfway for changing CDs. Press and hold the same key to fully open the face panel for inserting/ejecting 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.

AVIC-880DVD

NEW FOR 2005



Add-on DVD Navigation System for Touch Panel AV Systems

FEATURES:

- Canada and US 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 and AVD-W6210

AVD-W6210



6.5" Detachable Touch Panel Widescreen LCD Color Display

FEATURES:

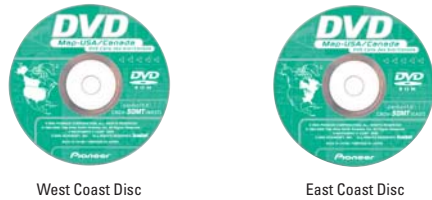
- 6.5" Widescreen TFT Active Matrix LCD Color Display
- 5 Selectable Viewing Modes
- RGB Input (26-pin) for Navigation System
- Rear View Camera Input with Reverse Image Function (A/V2)
- 2 A/V Inputs (Composite Video)
- 1 A/V Output (Composite Video)
- Touch Panel Control with AG (Anti-Glare) Coated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

CNDV-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-880DVD, 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).



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-880DVD. Compatible with AVIC-80DVD, AVIC-90DVD and AVIC-9DVD when used with Remote Control Displays only (AVD-W6010, AVH-P6400CD, AVH-P6400, AVX-P7300DVD).



ND-BC1



Close-up View



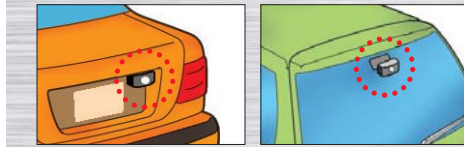
Universal Rear View Camera

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

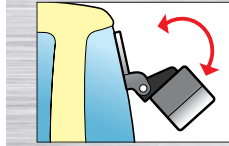
ND-BC1 Wide, Clear View – for Any Type of Vehicle

Installation Examples



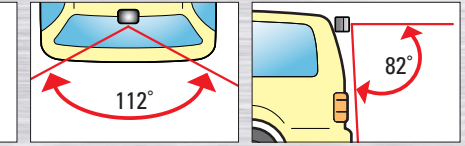
1. On the rear edge/rear bumper
2. On the rear window surface*
*Make sure the camera doesn't touch the rear wiper.

Adjustable Angle



Adjust manually for optimum view.

Wide Viewing Angles



112° Horizontal Field of View 82° Vertical Field of View

AXM-P8000



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



DSP

MOSFET 50Wx5

24bit DA Converter

Hi-VOLT



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 (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

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

CD-TS37GP

Navigation Guidance Speaker

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

AVH-P7600DVD

NEW FOR 2005



Touch Panel Screen
SUPER TUNER III D
7.0W MOSFET 50Wx5
TV
DVD VIDEO
MP3
DOLBY DIGITAL PRO LOGIC II
DIGITAL SURROUND
24bit DA Converter
MLP
Hi-VOLT
Back UP Camera

Remote Operation
iDual Zone
eNAVI
Touch Operation
Sub Display
RETRACTABLE TOUCH SCREEN

EQ Setup
DVD Control Screen
DVD Control Screen with an Alternative Background Picture

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 AGLR (Anti-Glare, Low-Reflection) 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/A/V1)
 - Background Video Capability
 - Detachable Face Security™
- * Video Format only

AVH-P5700DVD

NEW FOR 2005



Touch Panel Screen
SUPER TUNER III D
6.5W MOSFET 50Wx4
DVD VIDEO
MP3
WMA
DOLBY DIGITAL
24bit DA Converter
Back UP Camera

eNAVI
Remote Operation
Touch Operation
RETRACTABLE TOUCH SCREEN

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 though your in-car audio system with a multitude of convenient functions (see page 11 for details).

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, GEX-P6400TV 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™
- * Video Format only

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-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD, and AVD-W6210)



Analog Mode



Shows the vehicle performance information with graphically presented analog instruments. Select from any of the three gauges.

Digital Mode



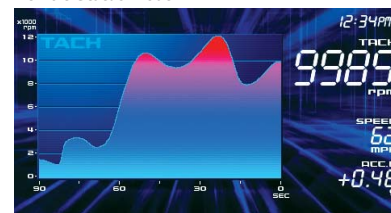
Shows a wide range of information with numbers and easy-to-follow scales — a sleek option that emphasizes the unit's high-tech attributes.

Cyber Mode



Displays a "computer simulation image" of vehicle — another clever option that permits intuitive comprehension of vehicle performance.

Vehicle Status Mode



Your vehicle performance information is displayed with legible graphics. The graph shows RPM changes on time axis.

Virtual Mode (Desert)



The graphics resemble a "driver simulation" video game while keeping tabs on basic vehicle performance and current location.

Virtual Mode (Country)



The Virtual Mode offers an alternative background image.

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 campsites, 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. Return to the selected spot without ever getting lost!



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-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD, and AVD-W6210.



XDV-P90



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.

GEX-P6400TV



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
- A/V-Bus Input/Output
- Composite Audio & Video Output for Rear
- Diversity Antenna Input (4 Channel)
- 4ch Diversity Antenna included
- 3m (118-1/8") A/V-Bus, IP-Bus cable included

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

CD-IB100

NEW FOR 2005

Ready for iPod



iPod® Interface Adapter for Pioneer Headunits

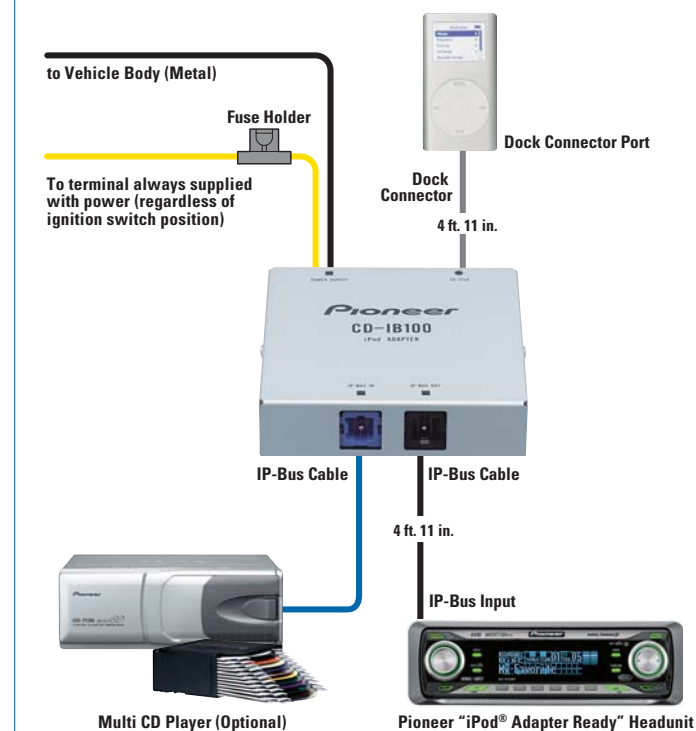
COMPATIBILITY:

- For use with Pioneer "iPod® Adapter Ready" Headunits and AV Receivers
 - AVIC-N2, AVIC-D1, AVH-P7500DVD, AVH-P6600DVD, and AVH-P5700DVD
 - DEH-P80MP, DEH-P8600MP, DEH-P7700MP, DEH-P6700MP, DEH-P4700MP, and FH-P5000MP
 - "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 (4ft.11in./1.5m)
- IP-Bus cable Included (4ft.11in./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.

DEH-P80MP

- SUPER TUNER III D
- OEL
- MP3
- WMA
- EQ
- MOSFET 60
- Hi-VOLT
- DAB READY
- CD CONTROL
- CD TEXT
- DETACHABLE FACE SECURITY



Rotary Commander for Volume and File Sorting

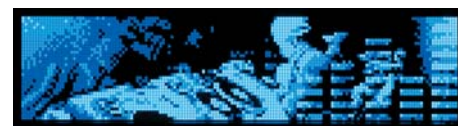
CD Receiver with Organic EL Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, SFEQ/EQ-EX, MOSFET60, XM/SIRIUS/DAB-Ready, Supertuner® III D™, IP-Bus System Control, 10-Key Remote, 7-Way Rotary Commander, Auto Slide Flap Face, Detachable Face Security™ and Hi-Volt Preouts



Powerful Mode



Level Indicator



DJ



DEH-P8600MP

- SUPER TUNER III D
- 24bit DAB
- OEL
- MP3
- WMA
- DSP
- EQ
- MOSFET 50
- DAB READY
- CD CONTROL
- CD TEXT
- DETACHABLE FACE SECURITY
- Hi-VOLT
- DAB DIGITAL



CD Receiver with Customizable Multi-Color Panel Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, Built-in DSP, MOSFET50, XM/SIRIUS/DAB-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

DEH-P7700MP

NEW FOR 2005

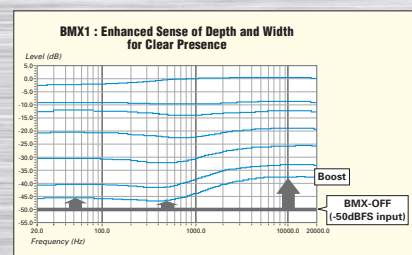
- SUPER TUNER III D+
- OEL
- MP3
- WMA
- EQ
- MOSFET 50
- DAB READY
- CD CONTROL
- CD TEXT
- DETACHABLE FACE SECURITY



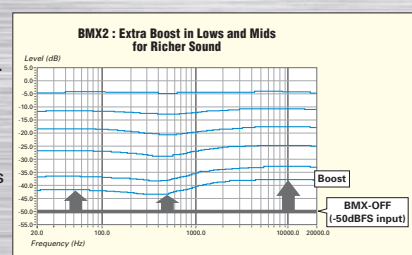
CD Receiver with Organic EL Display, iPod® Adapter Ready, iTunes® AAC Playback, MP3/WMA Playback, BMX Digital Compression, EQ-EX, MOSFET50, XM/SIRIUS/DAB-Ready, Supertuner® III D+™, IP-Bus System Control, 10-Key Remote, 7-Way Rotary Commander, Flap Face, and Detachable Face Security™

BMX (Bit Media EX) Digital Compression

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.

Mighty MOSFET60

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*.

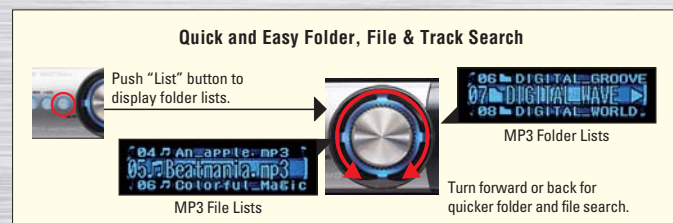
MOSFET 60



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

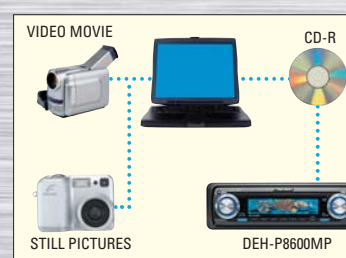
Rotary Commander

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.



Customizable Displays

Like to customize the graphics on your Multi-Color Panel Display? No problem. Pioneer makes it easy to personalize your display. From a Pioneer website, you can download the necessary software that will allow you to edit and create BMP, JPEG or PNG images. You can add animation, special effects, titles and more. Once the data is completed, burn it onto a CD-R and insert the disc into your DEH-P8600MP or DEH-P80MP headunit. Custom images are uploaded and visible on your display.



Visit <http://www.pioneer.co.jp/car/pclink3a> to download the FREE screensaver studio software.

Auto EQ

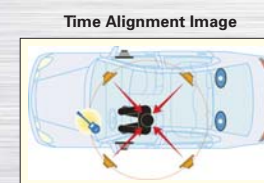
Auto EQ automatically fine-tunes the entire range of the music's frequency bandwidth, using 13-band graphic equalization for front and rear speakers. Simply plug in the included microphone and let the frequency band fine-tuning go to work.



Microphone for Auto EQ frequency band fine-tuning

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.



Clearer and front-focused soundstage

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-P6700MP

NEW FOR 2005

-  **SUPER TUNER III D**
-  **CD TEXT**
-  **MP3**
-  **WMA**
-  **EEQ**
-  **MOSFET 50**
-  **DAB READY**
-  **CD CONTROL**



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

DEH-P4700MP

NEW FOR 2005

-  **SUPER TUNER III D**
-  **CD TEXT**
-  **MP3**
-  **WMA**
-  **EEQ**
-  **MOSFET 50**
-  **DAB READY**
-  **CD CONTROL**



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

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.



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.

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.

DEH-3700MP

NEW FOR 2005

-  **SUPER TUNER III D**
-  **MP3**
-  **WMA**
-  **EEQ**
-  **MOSFET 50**
-  **DAB READY**



CD Receiver with Multi-Color LCD Display, MP3/WMA Playback, MOSFET50, Supertuner® III D™, Rotary Volume Control, and Detachable Face Security™

DEH-2700

NEW FOR 2005

-  **SUPER TUNER III D**
-  **EEQ**
-  **45Wx4**
-  **MOSFET 50**
-  **DAB READY**



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

DEH-1700

NEW FOR 2005

-  **SUPER TUNER III D**
-  **45Wx4**
-  **MOSFET 50**
-  **DAB READY**



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

	DEH-P80MP	DEH-P8600MP	DEH-P7700MP	DEH-P6700MP	DEH-P4700MP	DEH-3700MP	DEH-2700	DEH-1700
SUPERTUNER SECTION								
Supertuner	III D	III D	III D+	III D	III D	III D	III D	III D
XM/SIRIUS/DAB Ready	x	x	x	x	x			
24-Station/6-Button (18FM/6AM) Presets	x	x	x	x	x	x	x	x
BSM (Best Stations Memory)	x	x	x	x	x	x	x	x
CD PLAYER								
1-bit D/A Converter	8fs/16-bit	8fs/24-bit*	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
MP3 Compatible	x	x	x	x	x	x		
WMA (Windows Media® Audio)	x	x	x	x	x	x		
Wave (.wav) Compatible	x	x	x	x	x	x		
iTunes®** AAC**3 Playback			x					
AGC (Automatic Gain Control)	x	x	x	x	x	x	x	x
Disc Title Memory	x	x	x	x	x			
Disc List	x	x	x	x	x			
CD Text	x	x	x	x	x			
IP-Bus (Changer Control)	x	x	x	x	x			
BMX Digital Compression (SCD)	x	x	x	x	x	x		
DBE (MCD)	x	x	x	x	x	x		
AUDIO SECTION								
MOSFET60 (60Wx4-Channel High Power)	x							
MOSFET50 (50Wx4-Channel High Power)		x	x	x	x	x		
45W x 4-Channel Power							x	x
Equalizer	3-Band Parametric	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				
Selectable FIE (Front Image Enhancer)					x	x	x	
DSP		x						
Auto-EQ (with Mic Included)		x						
Auto Time Alignment		x						
BBE		x						
Source Level Adjuster (SLA)	x	x	x	x	x	x	x	x
Automatic Sound Levelizer (ASL)	x	x	x					
Loudness	x	x	3 Mode	3 Mode	3 Mode	3 Mode	3 Mode	2 Mode
Listening Position Selector		x						
Selectable Fader	x	x	x	x	x	x	x	x
HPF Crossover	x	x	x	x				
Subwoofer (LPF) Crossover	x	x	x	x				
Hi-Volt RCA Preouts	3 (4.0V)	3 (4.0V)						
RCA Preouts			3 (2.2V)	2 (2.2V)	2 (2.2V)	1 (2.2V)	1 (2.2V)	1 (2.2V)
GENERAL								
iPod® Adapter Ready**	x	x	x	x	x			
DVD Control	x	x	x	x	Ext			
Customizable Display	CD-R	CD-R						
Detachable Face Security™	x	x	x	x	x	x	x	x
Flap Face	Auto Slide	Auto Slide	x	x	x			
Organic EL Display	Blue	Multi-Color	Blue	Blue				
LCD Display with LED Backlight					Multi-Color	Multi-Color	Multi-Color	x
Spectrum Analyzer	Level Ind.	x	Level Ind.	Level Ind.				
Soft-Key Operation		x						
Remote Control	10-key	10-key	10-key	Card	Card			
Rotary Volume Control	Rotary Commander	x	Rotary Commander	Pop-up	Pop-up	x	x	
Wired Remote Input	x	x	x	x	x	x	x	
Display Output	x	x	x	x	x			
Cellular Mute	x	x	x	x				
Face Case (Included)	x	x	x					
Warranty	1 Year	1 Year	1 Year	1 Year	1 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.
 ** 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.

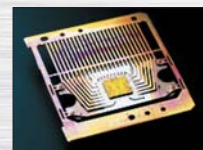
High Performance Digital Supertuner®



Pioneer's Supertuner® has long set the standard for tuners and Supertuner® III D™ continues the proud lineage. Digital processing works with analog technology to reduce distortion and improve signal-to-noise ratio, stereo separation and sensitivity. In areas where reception is weak, it automatically adjusts to boost the signal and reduce multi-path noise caused by tall buildings. A digital filter achieves high selectivity in career frequency areas, while an analog block works to supreme advantage where reception is strong. Supertuner® III D™, the legend lives on.

MOSFET50

MOSFET 50



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

FH-P5000MP



Double-DIN CD/Cassette Receiver with LCD Display, iPod® Adapter Ready, MP3/WMA Playback, BMX Digital Compression, Built-in DSP, MOSFET50, XM/DAB-Ready, Supertuner® III D™, IP-Bus System Control, 10-key Remote, Rotary Volume Control, and Auto Slide Flap Face



KEH-P2030



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

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"

FH-P5000MP KEH-P2030

	FH-P5000MP	KEH-P2030
SUPERTUNER SECTION		
Supertuner	III D	x
XM/DAB Ready	x	x
24-Station/6-Button (18FM/6AM) Presets	x	x
BSM (Best Stations Memory)	x	x

CD PLAYER/CD FUNCTIONS		
1-bit D/A Converter	8fs/24-bit*	
CD-R/CD-RW Compatible	x	
MP3 Compatible	x	
WMA (Windows Media® Audio)	x	
Wave (.wav) Compatible	x	
Disc Title Memory	x	
CD Text	x	
IP-BUS (Changer Control)	x	x
BMX Digital Compression (SCD)	x	
DBE (MCD)	x	

CASSETTE PLAYER		
Auto Reverse	x	x
Full Logic Control	x	
SHC Dual-Groove Tape Head	x	x
Dolby® B Noise Reduction	x	
Music Search & Repeat	x	
Radio Intercept		x

AUDIO SECTION		
MOSFET50 (50Wx4-Channel High Power)	x	
40Wx4-Channel High Power		x
BTB (Bass/Treble Booster)		x
Equalizer	13-Band	
Source Level Adjuster (SLA)	x	x
DSP	x	
BBE	x	
Loudness	x	2 Mode
HPF Crossover	x	
Selectable Fader	x	x
Subwoofer (LPF) Crossover	x	
RCA Preouts	2 (2.2V)	1 (2V)

GENERAL		
iPod® Adapter Ready**	x	
LCD Display with LED Backlight	x	
Spectrum Analyzer	x	
Detachable Face Security™		x
Flap Face	Auto	
Remote Control	10-Key Slim	
Rotary Volume Control	x	
Warranty	1 Year	1 Year

* Burr-Brown converter
 ** 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.

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-P680

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-FM1287

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-FM1287 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-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-P680	CDX-FM1287	CDX-FM687
CD PLAYER				
Disc Capacity	12	6	12	6
AGC (Automatic Gain Control)	x	x	x	x
CD-R/CD-RW Compatible	x	x	x	x
1-bit D/A Converter	x	x	x	x
8x Oversampling Filter	x	x	x	x
"Double-Floating" Anti-Vibration System	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
IP-Bus Control Input (Pass-thru)				
Built-in FM Modulator			x	x
Selectable FM Frequencies			12	12
GENERAL				
Multiple Mounting Angles	x	x	x	x
Wired Control/Display			x	x
Wireless Remote			Slim	Slim
Magazine	JD1212S	JD612V	JD1212S	JD612V
Warranty	1 Year	1 Year	1 Year	1 Year

Anti-Vibration System

We said the road was long, not smooth. Pioneer Multi-CD players are designed to deliver virtually Skip-Free Playback in the bumpiest of conditions. Thanks to a "Double-Floating" anti-vibration system that uses both springs and dampers, the CD playback systems are isolated from most forms of road vibration that can cause your CDs to skip.

CD Text

Some records are recorded with artists, title, and song information on them. Pioneer CD players with CD Text capabilities read this information and highlight it on your display. So you may not know where you're going, but at least you'll know what you're listening to.



GM-7100M

NEW FOR 2005



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-5100T

NEW FOR 2005



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-D510M

1000W MAX.



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-6100F

NEW FOR 2005



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-3100T

NEW FOR 2005



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-7100M	GM-6100F	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	10Hz - 50kHz	10Hz-50kHz	10Hz-50kHz	5Hz - 240Hz (+0.5dB, -3dB)
Total Harmonic Distortion (1kHz, 4Ω)	<0.03% (100Hz)	<0.01%	<0.015%	<0.008%	0.1% (100Hz, 4Ω)
Signal-to-Noise Ratio (IHF-A Weighted, at 1kHz)	>100dB	>95dB	>95dB	>100dB	100dB
Dimensions (WxHxD)	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		
Selectable LPF (80Hz, -12dB/Oct.)			X	X	

TS-W306C/TS-W306DVC

12" Component Subwoofers



- FEATURES:**
- 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

- SPECIFICATIONS:**
- 1000 Watts Max. Music Power
 - 400 Watts Nominal Power Handling
 - Frequency Response: 18 - 500Hz
 - Sensitivity: 89dB
 - Accessory Grille (UD-G306) Available
 - Recommended Enclosure: 0.85 - 1.75 Cubic Feet

- TS-W306C**
• 4Ω Rated
- TS-W306DVC**
• Dual-Voice Coil Design (4Ω)



UD-G306 Spoke Grille.

NEW FOR 2005

1000W MAX.

TS-W256C/TS-W256DVC

10" Component Subwoofers



- FEATURES:**
- 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

- SPECIFICATIONS:**
- 800 Watts Max. Music Power
 - 350 Watts Nominal Power Handling
 - Frequency Response: 18 - 600Hz
 - Sensitivity: 87dB
 - Accessory Grille (UD-G256) Available
 - Recommended Enclosure: 0.65-1.25 Cubic Feet

- TS-W256C**
• 4Ω Rated
- TS-W256DVC**
• Dual-Voice Coil Design (4Ω)



UD-G256 Spoke Grille.

NEW FOR 2005

800W MAX.

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.

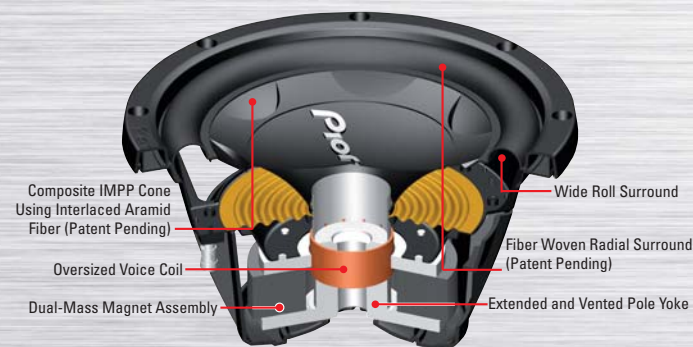
Dual Voice Coil. In search of perfect bass

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-W306DVC Subwoofer



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

TS-D691R

6" X 9" REV 2-Way Speaker



DuPont™ KEVLAR

- FEATURES:**
- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPPTM Composite Cone
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
 - 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

NEW FOR 2005

350W MAX.

TS-D681R

6" X 8" REV 2-Way Speaker



DuPont™ KEVLAR

- FEATURES:**
- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPPTM Composite Cone
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 1-1/8" Lightweight Soft Dome Tweeter with Neodymium Magnet and Rear Chamber
 - 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

NEW FOR 2005

260W MAX.

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.

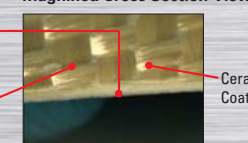
And the true beauty of REV Series speakers is the science built into their soft-dome tweeters. Ordinary speaker woofers play frequencies that extend into the higher ranges. REV Series speakers direct those crisp sounds exclusively to the tweeters, thanks to a diaphragm and rear chamber that controls 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.

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

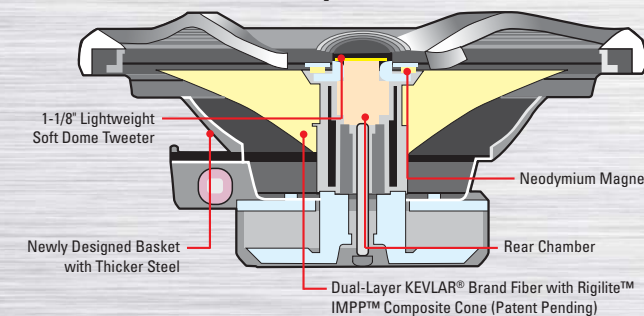


Magnified Cross Section View



- Composite Foamed IMPP
- Kevlar® Fiber Skin Layer
- Ceramic Coating

Cross Section of REV Speaker



- 1-1/8" Lightweight Soft Dome Tweeter
- Neodymium Magnet
- Newly Designed Basket with Thicker Steel
- Rear Chamber
- Dual-Layer KEVLAR® Brand Fiber with Rigilite™ IMPPTM Composite Cone (Patent Pending)

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.



Wave Guides KEVLAR® Brand Fiber

TS-D161R NEW FOR 2005

6-1/2" REV 2-Way Speaker

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 Dampener
 - 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

TS-C160R

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 Dampener
 - 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

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 Dampener
 - 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-A691R NEW FOR 2005

6" x 9" 5-Way Speaker

460W MAX.



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Dampener
 - 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-A6981R NEW FOR 2005

6" x 9" 4-Way Speaker

420W MAX.



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Dampener
 - 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-A6971R NEW FOR 2005

6" x 9" 3-Way Speaker

300W MAX.



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced 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-G950M

6" x 9" 3-Way Speaker

220W MAX.



- FEATURES:**
- IMPP Composite Cone Woofer
 - Glass-Imide Voice Coil Bobbin
 - Conex Dampener
 - 2-5/8" Cone Midrange with Strontium Magnet
 - 11/16" Film Dome Tweeter
 - Shallow Mounting Depth for Wider Installation Coverage

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 Dampener
 - 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

New Materials, New Shape — Better Sound

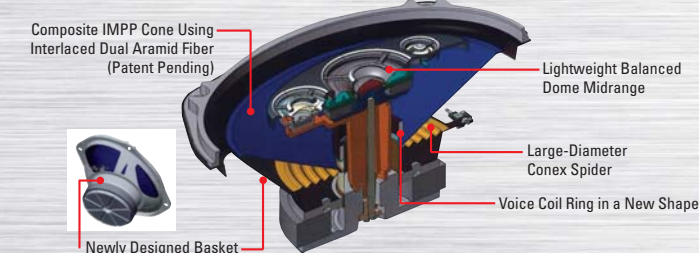
The new TS-A series speakers feature a composite IMPP cone woofer that uses two kinds of interlaced aramid fiber for even higher sound quality — one for sufficient volume in low frequency levels and the other for creating a smooth, natural, stereoscopic sound field with minute details. Use of the two 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.

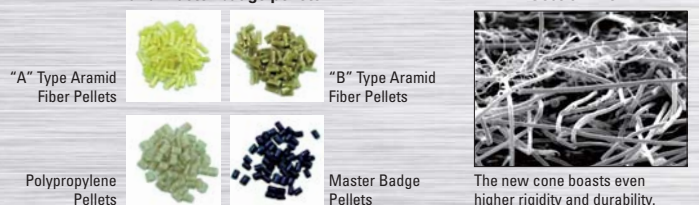
New Basket Design

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-A691R Speaker



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



The new cone boasts even higher rigidity and durability.

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-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

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 Damper
 - 1-3/8" Film Cone Tweeter
 - Shallow Mounting Depth for Wider Installation Coverage

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 Damper
 - 1-5/8" Cone Tweeter

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 Damper
 - 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-A1681R **NEW FOR 2005**

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



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 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-A1671R **NEW FOR 2005**

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



- FEATURES:**
- Composite IMPP Cone Woofer Using Interlaced Aramid Fiber
 - Butyl Rubber Surround for Smoother Response
 - Glass-Imide Voice Coil Bobbin
 - Latex-Treated Conex Damper
 - 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-G650M

6-1/2" 3-Way Speaker **180W MAX.**



- FEATURES:**
- IMPP Composite Cone Woofer
 - High-Energy Strontium Magnet (Woofer/Midrange)
 - Glass-Imide Voice Coil Bobbin
 - Conex Damper
 - 1-5/8" Cone Midrange
 - 3/8" Film Dome 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 Damper
 - 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 Damper
 - 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 Damper
 - 1-1/8" Film Cone Tweeter
 - 4 & 2-Hole Compatibility with Removable Screw Holes

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-G1640R

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



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

TS-A1370R

5-1/4" 3-Way Speaker **160W 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) 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 Damper
 - 1" PEI (Poly-Ether Imide) Dome Tweeter
 - Ultra-Slim Neodymium Magnet (Tweeter)
 - Custom-Fit for GM, Ford and Volkswagen Vehicles

TS-T15

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



- FEATURES:**
- Small-Sized (3/4") Polyester Fiber Soft Dome Tweeter with Neodymium Magnet and Magnetic 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-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" PI (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-P7700MP, DEH-P6700MP, and DEH-P4700MP.

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)

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.



Table with 8 columns: Speakers, Size, Max. Music Power (Nominal), Frequency Response, Sensitivity, Impedance, Mounting Depth, Cut-Out Dimensions. Lists various speaker models and their specifications.

† Woofer dimensions

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-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-N1). Compatible with AVIC-N1, and AVIC-88DVD, AVIC-80DVD, AVIC-90DVD, and AVIC-90VD when used with Touch Panel Display only (AVD-W6210, AVH-P7600DVD, 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-90VD 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-TS37GP

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

CD-TS36

Voice Guidance Speaker with IR Sensor for AVIC-90VD, 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, AVH-P7500DVD 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, AVH-P7500DVD 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-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.

SPEAKER GRILLES

UD-G306

NEW FOR 2005

12" Spoke Grille
For use with TS-W306C and TS-W306DVC.



UD-G256

NEW FOR 2005

10" Spoke Grille
For use with TS-W256C and TS-W256DVC.



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.



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.

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in consideration of the environment.