

Pioneer *sound.vision.soul*

In-Car Entertainment Guide 2004







WHEN ONLY THE BEST WILL DO

Make your car complete with the total comfort and exhilaration of a Pioneer in-car entertainment system. Everything you can imagine has been thought of, something you know you want. Innovative solutions that make your driving experience more enjoyable than ever before. Dazzling designs that make the statement of who you are. Whether you prefer it award winning, high-tech and perfectly tuned, or fun, simple and hassle-free... or a bit of both. Not to mention totally maxed out systems, Pioneer from top to toe. The possibilities are infinite. You can always count on pure Pioneer performance, whatever you decide.

Navigate with ease... one touch and your route lies before you. Masterful AV headunits put a world of entertainment at your fingertips. Passengers can delight in their favourite DVD movies, watch TV and even play games on the move. A revolutionary all-in-one unit even lets you have advanced navigation and entertainment all at the same time. Experience the sonic virtuosity of Pioneer headunits — thrilling your senses with futuristic looks. Ambitious amps and serious — world record setting — subs will blow your mind. Add the final touch — sublime-sounding speakers — and it'll take your breath away.

If you want first-class quality, you want Pioneer. Your car may let you down, Pioneer never will.

CONTENTS

NAVIGATION and AV

Get where you want, the way you want — in style, on time and totally at ease — with Pioneer's vast range of advanced navigation and AV units. Easy-to-use, smart navigation can be combined with a world of audio-visual entertainment on the move. You can even have it all with just one groundbreaking integrated system. Finally, you've found the ultimate driving companion, for every journey.

[6 - 27]



HEADUNITS

Simply the best is the only way to describe these headunits. Each stunningly unique in design, you can count on purely superb audio performance, including advanced playback of the latest compressed audio files. Featuring sophisticated, state-of-the-art technologies, these virtuosos are just pure genius. Exceptional units for exceptional people.

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PRS — PIONEER REFERENCE SERIES

The devil is in the detail and what a demon of power PRS is. Every component — the headunit, equaliser, amplifiers and speakers — has been individually crafted for a blast of superior sound quality. That's how these superstars have set new standards in sonic excellence, winning top sound competitions. Why accept anything less?

[46 - 53]



AMPLIFIERS and SUBWOOFERS

Sound doesn't get any better. Pioneer's top SPL sub holds the SPL world record that proves it. Subs may have gone down in size, but they've still got the brains and the brawn. They're handsome little devils too. Serious amps put the power behind the booming bass. Pure and clean, they'll take your sonic experience into a new dimension.

[54 - 69]



SPEAKERS

From tough and lean to sophisticated elegance, Pioneer's speaker selection has got the lot. Their sound quality is legendary. You'll be amazed how much more you get out of your sound system. Go for custom-fit and match your taste in speakers to your taste in cars. If you're serious about sound, Pioneer is the only answer.

[70 - 89]



NAVIGATION AND AV ENTERTAINMENT



STOP DREAMING IT, START DRIVING IT

Going places? Jump-start your driving experience with Pioneer's range of advanced navigation and audio-visual units. The world leader in in-car navigation systems, Pioneer is the only name to trust. The brilliant new AVIC-X1 is a classic example of Pioneer's cutting-edge innovation. The first of its kind in Europe, this all-in-one in-car DVD Navigation AV headunit allows simultaneous navigation and audio-visual entertainment. Move into the technological fast lane with one of Pioneer's dedicated navigation models. Whether you choose to keep it simple or go all out, step-by-step instructions get you right to the doorstep of your destination. Combine with an array of AV entertainment to keep you and your passengers entertained while driving. You'll be astounded by the possibilities: listening to magnificent audio, watching the latest DVD-Video movie or TV programme, as well as hooking up to video games or even a camcorder. Advanced navigation and full-on entertainment — you'll wonder how you ever managed to drive without it.



DVD CYBER NAVI UNITS

AVIC-X1

DVD NAVIGATION AV HEADUNIT

NEW



A new in-car navigation system is about to revolutionize your view of road trips. The new Pioneer AVIC-X1, designed and built by the world leader in car navigation systems, is



Europe's first ever all-in-one unit to offer simultaneous navigation and entertainment. Now you can find your way while playing MP3 CDs or DVDs, which will boost your popularity with your children and carpool colleagues. The optional rear screen is also sure to keep your back seat passengers entertained to the finish. And it's easy to use! With the responsive touch panel display and extensive map coverage, operation is immediate and navigation is always accurate.



CNDV-40M

THE AVIC-X1 DVD NAVIGATION AV HEADUNIT INAUGURATES A NEW ERA OF UTILITY IN IN-CAR ENTERTAINMENT, WITH TOUCH PANEL OPERATION FOR THE FOLLOWING EXCITING FEATURES:

NO MORE MUDDLES WITH MAP NAVIGATION

The AVIC-X1 headlines as a full-featured DVD Cyber map navigation unit. Choose your destination and be guided precisely to the doorstep with step-by-step voice instructions, as well as on-screen map directions. For more details on how your DVD Cyber Navi unit works, see pages 12-13.



Exclusive Driver's View Navigation mode with highly detailed City Map



DVD-Video entertainment

MOVIES ON THE MOVE

The AVIC-X1 navigation system also doubles as an in-car entertainment unit. When parked, you can enjoy your favourite DVD-Video movie on the high-quality colour display in the front. When driving, the unique Memory Navi feature allows your back seat passengers to watch a DVD movie on an optional rear screen while navigation continues uninterrupted.

DUAL ZONE SPELLS FREEDOM OF CHOICE



Thanks to the Dual Zone function of the AVIC-X1, different sources can be played for the front and back — up to 3 different sources at once! Front and back seat passengers can each enjoy their own form of entertainment, so there'll be no more fighting over what to watch. More choice equals a more peaceful drive! The many possibilities are outlined below.

With the unique Memory Navi feature, navigation guidance continues uninterrupted in the driver's seat, while music plays from the built-in radio, or an MP3 CD or even a concert on DVD-Video. Alternatively, you can keep navigating and listening to the radio, while your back seat passengers entertain themselves watching their favourite DVD movie on an optional rear screen. This is a two-way option: either you can play the DVD from the AVIC-X1's built-in DVD player, or you could hook up an extra DVD changer (XDV-P9-II). The AVIC-X1 is multi-talented, with the ability to control Pioneer's GEX-P6400TVP TV tuner, and even a camcorder (for back seat passengers).

Select your choice of video source on the touch panel's easy-to-understand GUI (Graphical User Interface).

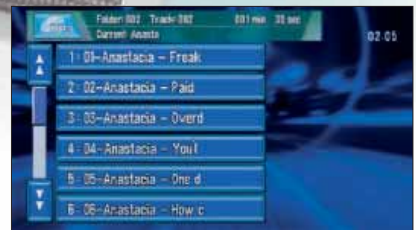




PLAYING YOUR KIND OF MUSIC

Versatility in technology is what makes the AVIC-X1 great — especially its seamless compatibility with today's trendy MP3 format in music. Not only can it read and play the hugely popular MP3 from recorded CD-R/CD-RW discs, but it can also display a convenient MP3 file or CD track list on your screen*. All you need to do is touch the display to make your selection.

* With ID3 Tag or CD Text enabled discs.



MP3 File List display



RDS Radio Stations List display

FM TUNER WITH GREAT AUDIO FEATURES

The highly evolved AVIC-X1 in-car navigation system still retains the basic feature everyone demands from good in-car entertainment — the radio. The comprehensive tuner is outfitted with the full complement of Pioneer quality audio features. The D4Q Digital FM/AM tuner provides constant and clear radio reception. You can select an RDS radio station from your list of presets by simply touching the radio station name on the display. Powerful sound of sterling quality is assured for both movies and music thanks to the MOSFET 50 amp.

To top it all off, the AVIC-X1 is wired remote control ready, which means you can easily use your car's built-in steering wheel control to manage all of its vast audio features.

A MULTITUDE OF OPTIONS TO CHOOSE FROM

Pioneer offers an exciting range of optional audio-visual products that can be used in combination with the AVIC-X1 to span the range of in-car entertainment.

- Watch TV on the channel of your choice with the GEX-P6400TVP PAL TV tuner.
- Play any DVD-Video from a multiple selection with the XDV-P9-II Multi-DVD player.
- Rear displays: AVD-W6200 or AVD-W8000: Enjoy in-car audio-visual entertainment on either one of these wide-screen LCD colour displays; AVR-W6100: This 6.5-inch wide-screen display can be mounted to the ceiling of your car for the viewing pleasure of your back seat passengers.
- Rear view camera ND-BC1: Hook up the rear view camera to keep an eye on the road behind you as well! The AVIC-X1 automatically switches to rear view whenever you put your car into reverse — very useful to help you park. Use the AVIC-X1's exclusive split-screen mode to combine the view behind your car with the navigation map.
- Add a CD changer to enjoy more of your favourite music.



Split Screen: rear view combined with a navi map

DVD CYBER NAVI UNITS

AVIC-900DVD

DVD NAVIGATION/AV UNIT



Standard

The AVIC-900DVD makes the ultimate co-pilot. Pioneer's most hi-tech and dynamic DVD-ROM Navigation unit not only navigates throughout Europe with the utmost ease, it also entertains you and your passengers with your favourite DVD movies — thanks to its built-in DVD-Video player. This clever unit is foremost a top-notch navigation natural. More detailed maps make driving in urban areas a cinch. You can also avoid traffic problems on the way with real-time Traffic Messaging, made possible by its vast data storage capability. You — and your passengers — will enjoy driving more than ever now!

AVD-W6210

AVIC-900DVD



AVIC-900DVD and AVD-W6210 also available as the AVIC650VT-II AV/ Navigation package

VOICE CONTROL IN A CHOICE OF LANGUAGES



Safety and convenience are prime features of the AVIC-900DVD and AVIC-800DVD DVD navigation units. You can set routes to registered POI, change your routeing, search for an address using the international alphabet with just your voice, so you can keep your hands firmly on the wheel. Once you've input your destination, you can perform further control instructions simply using the standard steering wheel remote control. It allows for voice recognition activation (in 6 European languages) for traffic information recall, map zooming and repeated guidance.

DVD-VIDEO/CD PLAYBACK

Enjoy advanced DVD-ROM navigation features and the fabulous entertainment capabilities offered by the DVD-Video format with your AVIC-900DVD. When you're not enjoying step-by-step navigation, you can simply slide in a CD or DVD-Video movie and enjoy music or cinema on the road. DVD-Video advanced functions, like scene and language selection, can be controlled from the back seat, using the AVIC-900DVD's standard card-type remote control.



Country Selection

QUICK, EASY AND SAFE NAVIGATION WITH A TOUCH PANEL DISPLAY

Pioneer's AVIC-900/800DVD were developed especially for use with Pioneer's intuitive touch panel displays. Touch panel operation is 4 times as fast as remote control operation, with no tricky cursor scrolling and only limited input necessary.

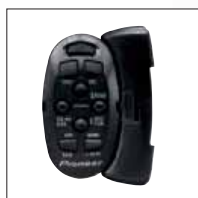
For full features, please see page 92.

AVIC-800DVD | DVD NAVIGATION UNIT



Totally dedicated to navigation, the AVIC-800DVD offers the exact same high performance navigation as the AVIC-900DVD, with the exception of DVD-Video/CD playback. Pair it with a Pioneer touch panel display for a complete navigation system, easily controlled by a simple touch on-screen. Or use it as a hide-away unit, and combine it with one of Pioneer's AV headunits. Then you get a fully loaded navigation and entertainment system. Either way, navigation doesn't get any easier, or smarter, than this. It even warns about upcoming traffic jams and automatically offers an alternative. Your driving dreams are about to become reality!

Note: Both the AVIC-900DVD and the AVIC-800DVD are the core of Pioneer's AV/Navigation packages. For more information, please refer to page 23.



Standard

AVIC-800DVD and AVH-P6600DVD also available as the AVIC905HVT AV/Navigation package

AVH-P6600DVD

AVIC-800DVD

CREATE A STATE-OF-THE-ART AV/NAVIGATION SYSTEM

To use your AVIC-900/800DVD as a stand-alone, pure navigation system, you need only attach one of Pioneer's high-quality displays. Why not take things further and pair up your AVIC-900/800DVD with a Pioneer AV headunit to create a complete audio-visual and navigation system. Besides easy touch panel display operation, you will also enjoy amazingly enhanced navigation software functionality like the Street List mode, intelligent re-routing, detailed TMC voice messages and Motorway Exit Number guidance — all on one DVD disc*. For that extra final touch: all navigation and audio/video input is performed via the touch panel display and the navigation unit's steering wheel remote control!

* For more information on the upgraded DVD map navigation software, please refer to page 13.

YOUR PERSONALISED TRAVEL GUIDE

Thanks to the AVIC-800/900DVD's built-in PC Card slot, you can download the details of any destination onto a PC card and share it with your friends or save it for future reference. A handy application is trip logging, for keeping an exact record of your travelling time and distance. You can download this information from the AVIC-800/900DVD to a PC readable format. You can also use the PC card to replace the preset wallpapers with personalised digital photos or images downloaded from your PC.

DVD CYBER NAVI UNITS — A NEW WAY TO NAVIGATE

Gone are the days of arguments about which direction to go, which road to take. Pioneer's DVD Cyber Navi Units, the AVIC-X1 and AVIC-900/800DVD, have the answer every time. These advanced map navigation units offer loads of unique features to help you reach your destination safely and comfortably. With a choice of seven different navigation and guidance modes, they are the ultimate driving companion.

SEARCHING

So many search options are available with the Pioneer DVD Cyber Navi units, you can find your destination easily and quickly even if you don't have much information at all. Search using any criteria you have; address or postal code, town or nearest Point of Interest (POI). With a vast database of POIs, the DVD Map Disc puts all of Europe's treasures at your fingertips. You can even turn your navi system into your own personal travel guide by inputting places you often go to or may want to visit again.



Address Search

Simply type in the first letters of the street/city you need to go to and a list of matching streets/cities will appear instantly. Choose the one you want and map out your journey to get there. You can even input the house number for more accurate guidance.

Point of Interest Search

Your Pioneer DVD Cyber Navi unit will take you to a gourmet restaurant for dinner, accompany you to a game of golf or find you a petrol station before you run out of fuel. With more than 1.3 million Points of Interest divided into 65 categories and subcategories, you can easily locate the nearest gas station, a local golf course or restaurant to match your appetite. Your Cyber Navi unit will guide you right to the doorstep.



Select 'Restaurant' from the POI categories



Or just type in the name of the restaurant



In Map mode, pictograms of the POIs are shown on the map

Postal Code Search

Typing in a postcode is an easy way to help you find a location. Your Navi system recognises thousands of postal codes right across Europe and can easily navigate you safely to your end destination. This is particularly useful in Great Britain where postal codes indicate whole or part of a street or even an individual house.



Map Search

Even with no precise details of your destination, your Navi system will still get you there. Scroll around the detailed map of the surrounding area, indicate a point close by and the system will use that as your destination point and guide you there safely.

You can also make the map your own by registering and attaching icons to up to 300 destinations. Whenever you are in the area, the icons will be visible on the map. To visit any of them again, just touch the icon on the screen and your Pioneer DVD Cyber Navi unit will chart your journey for you.

ROUTING

Once you have selected your destination, your Cyber Navi unit offers a choice of up to six possible routes to get you there. It's up to you the way you want to go. You can opt to avoid motorways, ferries or toll roads. You can choose the shortest distance or take the fastest route time-wise.



Route Selection by colour code

GUIDANCE

You're ready to set off. How do you want to view your route? Choose out of seven different guidance modes including four navigation modes, two combination modes — exclusively for AVIC-X1 — and the Vehicle Dynamics mode.



3-D Driver's View mode

Your AVIC-X1 unit offers you two split-screen possibilities. You can keep an eye on the road behind, as well as your route ahead, by choosing the rear view option combined with the navi map. Or keep track of what you're listening to with the combined audio status and navi map. Simply touch the view button to instantly switch to the view you want.



Navigation modes

Watch a realistic 3-D view of the road ahead on the navigation screen, consult a map of the area you are travelling in or choose street list mode to discover the names of the places you are passing. If you can't decide, opt for a mix of any two of these hi-tech navigation modes.



AVIC-X1 Exclusive: Combination modes

Vehicle Dynamics mode (only AVIC-X1)

Want to stay informed of your car's performance in real time? Switch to the unique Vehicle Dynamics mode and discover your lateral G-force, acceleration, angular velocity, current speed, slope angle, compass, clock and battery voltage.

Intersection Zoom

You'll never miss a turn again with the new intersection zoom featured on Pioneer's DVD Cyber Navi units. When you near any junction, it automatically shows you a bird's eye view of that junction, highlighting the exact route you need to take. Combined with precise voice commands, you will take the right turn every time.



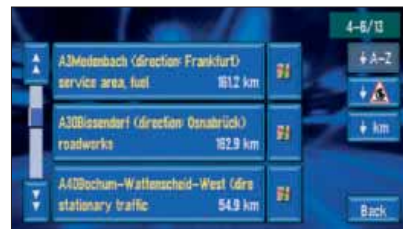
PIONEER DVD TECHNOLOGIES DISSOLVE LIMITATIONS

The whole of Europe on 1 DVD

Forget guide books and directories, the software of the new CNDV-40MT DVD Map Disc puts the whole of Europe at your fingertips with just one disc. This comprehensive disc includes more than 6 million km of roadways around Europe, over 1.3 million POIs and thousands of house numbers too. With detailed layouts of 10 European cities on a 25-50 m scale, you've no more excuse for getting lost. If you already own an AVIC-800/900DVD and a touch screen panel, you can easily upgrade your system by purchasing the 2004 CNDV-40MT DVD Map Disc.

Forget your worries and save on time with the TMC Receiver

Rather than listening to the latest traffic news and trying to determine an alternative route yourself, let your DVD Cyber Navi unit do the work. The TMC receiver not only warns you of potential traffic problems ahead, but also offers a selection of ways around the black spot. Trouble can either be shown on the map or you can receive a list of all traffic events in your area. Simply scroll down the list to find which traffic events may affect your trip. With a Pioneer Cyber Navi unit, your journey will always be convenient and stress-free.



Traffic Events list

*** Traffic Information feature subject to governmental or private service and/or license if applicable.**

3-D GYRO SENSOR FOR ACCURATE POSITIONING

All Pioneer DVD Cyber Navi units have a 3-D gyro sensor built-in. The sensor is connected to the speed pulse wire and allows your navigation system to take measurements in 3 directions. It not only makes the fastest calculations, but is always accurate too, even when you are driving through a tunnel or up or down a slope. You'll never get lost again!

ARROW-TYPE NAVIGATION UNIT



Optional CD-SR100



ANH-P10MP

NAVIGATION MP3/CD TUNER

NEW



Navigation or MP3? With the ANH-P10MP you no longer need to choose between the two. The ANH-P10MP is a sterling replacement for the standard car radio, offering Europe-wide turn-by-turn arrow navigation, excellent radio, CD and MP3/WMA CD playback. The state-of-the-art high-speed processor with extended 32 MB memory will not only store the route, but also the corridor around that route. You are then free to replace the navigation CD with an audio CD and enjoy the music while being guided to your destination with the aid of the large arrow on the high-contrast OEL display. With Pioneer, you may rest assured that a multitude of features will never have to mean a compromise in audio quality. The ANH-P10MP offers all the high-performance audio features you have come to expect from this quality brand, such as MOSFET amplification and EEQ+ to personalise your audio settings.

MP3

FROM YOUR PC TO YOUR CAR: MP3/WMA PLAYBACK



Recordings made at home need no longer be confined to the four walls of your lounge. The ANH-P10MP unchains your music selection, with its ability to play back your home recorded MP3 or WMA CDs. You will be able to enjoy up to

10 hours of music in your car from one single disc.

The ANH-P10MP offers Folder & File List Search, giving you direct access to a desired folder or file on your MP3/WMA CD without stopping playback of the current track.



ASL (AUTOMATIC SOUND LEVELISER)

Unlike navigation systems with speed-dependent volume control, the ANH-P10MP is equipped with a superior ASL (Automatic Sound Leveliser) feature. ASL automatically measures the ambient noise and responds by electronically adjusting the internal volume of both the audio sound- and navigation voice guidance levels. So you can be sure that you will always hear both your music and navigation commands clearly, no matter what the weather or road condition.



HANDY HANDS-FREE PHONING

Mobile phone users are legally compelled to use a car-kit in most European countries. The ANH-P10MP allows you to hook up your GSM on the hands-free speaker input and hear your caller through your car's speakers.

VIEWING AND OPERATION FLEXIBILITY

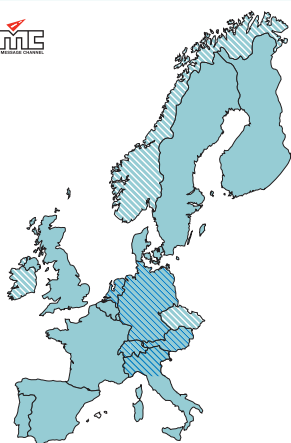
If your car comes equipped with an installed digital radio display, it's easy to hook up your ANH-P10MP* through the IP-Bus connection and then view basic audio information on that display. In addition, the hard-wired remote control also makes it possible to control your ANH-P10MP with your car's current steering wheel remote control.

* For more information on the sub-display output feature, please refer to page 45 or visit the Pioneer website at www.pioneer-eur.com.



MERIAN AUTOSCOUT COMPATIBLE

The ANH-P10MP is able to read the following MERIAN autoscout travel guides: 'Alps 2003' (country coverage: Germany, Italy, France, Austria, Switzerland), 'Arts & Culture' (country coverage: Germany, Italy, France, Austria, Switzerland), 'Sport & Wellness' (country coverage: Germany, Italy, France, Austria, Switzerland), 'Germany 2003' (country coverage: Germany) and 'Hotels & Restaurants'. For more information, take a look at the MERIAN website at www.merian.de.



- Map coverage
- TMC coverage*
- Select motorways/streets

* Traffic Information feature subject to governmental or private service and/or license if applicable.

SMART ARROW NAVIGATION GETS YOU THERE ON TIME

The new ANH-P10MP provides routing information for the whole of Europe on just two CD-ROM discs. Combined with a built-in RDS tuner, you will also have up-to-date traffic information to help you get to your destination on time, every time.

Searching

Searching for your destination via the ANH-P10MP is simple, yet smart. Just input your destination through an Address Search including country, town, street, and even house number (in some areas), or through a specific POI (Point of Interest). The destination is set within seconds. Your 50 preferred destinations can be memorised in a private address book for future use, and your last 50 destinations are automatically kept in a Destination History list.



Destination input

Routeing

The ANH-P10MP can calculate the Shortest Route or Fastest Route in all of Europe, avoiding motorways, ferry connections and/or toll roads, if desired. Thanks to the improved TMC functions, it's even possible to set up this system so it sets a route that will help you avoid traffic jams.

Guidance

A natural voice will guide you in your own language, with messages like: "Turn right in 200 metres". This voice is supported by an arrow on the OEL display, indicating an upcoming turn. In addition, the Current Street Name is always visible on the screen, with the Next Street Name, appearing before an upcoming turn. If you need more information about your route, you have many options, ranging from the Distance to Destination, Estimated Time of Arrival and Location Status, to a list of streets en route to your destination, your Current Position, a TMC info list or a detour — simply by pressing one of the Soft Keys. You can also input one rest stop along the way. When the information is recalled, the ANH-P10MP will give you a voice command.



- | | |
|-----------------------------|-----------------------------|
| 1. Current street name | 7. TMC events on route |
| 2. Next street name | 8. List of all TMC messages |
| 3. Current time | 9. Stop over point |
| 4. Distance to next turn | 10. Traffic jam avoidance |
| 5. Location status | 11. Speed limit |
| 6. List of streets en route | |

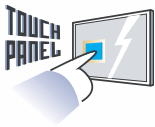
Speed Limit Display

It can be difficult keeping to the speed limit, when you're driving in an unknown area or on an unfamiliar highway. The ANH-P10MP helps keep speeding fines to a minimum, as its Speed Limit facility indicates the applicable speed limit for most motorways on the OEL display.

AVH-P7500DVD | MULTI-CHANNEL DVD AV HEADUNIT



Get all the audio and visual options you could ever want with the AVH-P7500DVD: a motorised wide-screen 7-inch touch panel display, a high performance D4Q digital tuner, a powerful MOSFET 5 x 50 W amp and an ultra-slim DVD/MP3/CD player that is compatible with many digitally encoded discs, including high fidelity DVD-Audio. It's a must-have for today's audiophiles. Hook up a TV tuner, DAB tuner or multi-CD player and the AVH-P7500DVD becomes the control centre for a complete in-car entertainment experience. Add an AVIC-800/900DVD Cyber Navi unit and build a high-tech AV/Navigation system.



MP3



RICH SURROUND SOUND THAT WILL THRILL YOUR SENSES

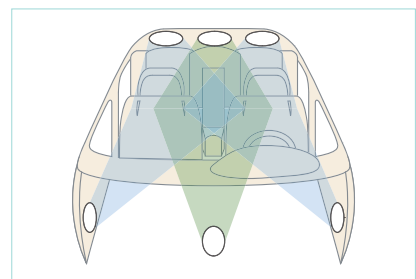
When Pioneer says "cinema on wheels", they mean it. The AVH-P7500DVD is equipped with built-in Dolby Digital, DTS and Dolby Pro Logic II decoders to wrap you and your captive passenger audience in rich 5.1-channel surround sound.*



Dolby Digital and DTS are encoding technologies that offer dynamic 5.1-channel surround sound of the purest quality.



Dolby Pro Logic II is a great technology that produces surround sound from 2-channel sources. This means you can enjoy 5.1-channel surround sound from stereo encoded sources like the built-in D4Q Digital AM/FM tuner, CDs or MP3s.



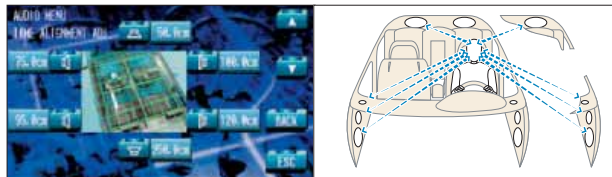
In-car 5.1-channel surround sound

* Optional centre speaker TS-CX7 for AVH-P7500DVD.



TAILOR-MAKE YOUR OWN SOUND EXPERIENCE

The built-in DSP (Digital Signal Processor) offers powerful sound tuning features so you can adjust the sound stage to your personal taste. The Multi-channel Auto EQ feature tailors specific musical characteristics according to your car's acoustics and automatically fine-tunes across the entire frequency bandwidth range. Automatic Time Alignment makes sure you are set for a perfect listening experience: it automatically estimates the differences in delay from each speaker to the listening position and adjusts the speaker sound output timing accordingly so that the sound from each speaker reaches your ears at the same time.



Automatic Time Alignment Adjustment



LISTEN TO THE SUPERIOR SOUND OF DVD-AUDIO

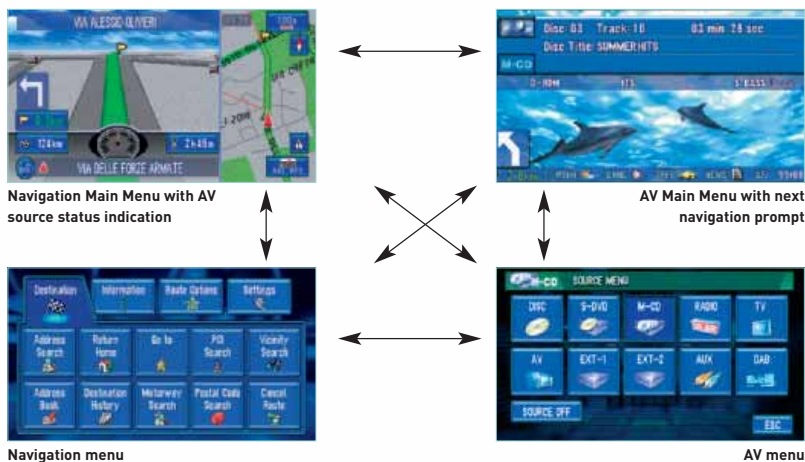
Learn to really love music by indulging yourself in the exceptional sounds of DVD-Audio with the AVH-P7500DVD. Its 6-channel Burr-Brown 24-bit DACs, gold-plated RCA terminals and OFC (Oxygen-Free Copper) RCA cables reproduce precisely the high fidelity sounds of DVD-Audio — offering listening pleasure far superior to that of a regular CD. The DVD-Audio format also holds all kinds of handy information such as artist biographies, background information and lyrics.

Note: Actual DVD-Audio options depend on the DVD disc's content.

FULL EXPANSION POSSIBILITIES WITH OTHER PIONEER AV AND NAVIGATION PRODUCTS

As the nerve centre of your AV system, you can connect a multitude of source units and displays to Pioneer's AVH-P7500/6600DVD. If your passengers want to watch TV, simply add a GEX-P6400TVP TV tuner or hook up an additional single or multi-DVD player so they can enjoy their favourite DVD movie. With Pioneer's DAB tuner, you'll be treated to crystal-clear, CD-quality music from the radio. Control is easy: select your desired volume, EEQ and source using the user-friendly rotary knob and practical buttons on the attractive front panel.

To add even more functionality, attach Pioneer's AVIC-800/900DVD map-type DVD navigation unit. It'll still be simple to operate thanks to the AV headunit's fast and intuitive touch panel display.



DUAL ZONE FUNCTIONALITY

Want to enjoy listening to the AM/FM tuner while the kids watch a DVD cartoon in the back? It's all possible, thanks to the Dual Zone function of the AVH-P7500/6600DVD AV headunits. Pioneer suggests you combine your AV headunit with the AVR-W6100 flip-down roof-mounted display, the headrest-mounted AVD-W6200, or the huge 8-inch AVD-W8000. When 2 AVD-W6200 rear screens are used, rear seat passengers can each control their AV source with the CD-VS33 AV Selector.

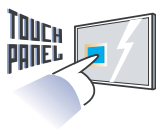
Note: Please refer to pages 24-25 for examples of Pioneer's AV/Navigation solutions.

AVH-P6600DVD | DVD AV HEADUNIT

NEW



DOLBY DIGITAL Add some fun and flash to your in-car system with the AVH-P6600DVD AV headunit. It's a complete entertainment control centre with built-in AV Master, digital AM/FM tuner, DVD player and a fully motorised 6.5-inch touch panel display. Stunning to look at and easy to operate... Hexagon-shaped on-screen buttons and matching menu visuals adorn its colourful new Graphical User Interface. The high-quality, touch panel display ensures fast and easy operation of all audio/video and navigation features (when paired with Pioneer's AVIC-800/900DVD Cyber Navi units). The entertainment options are endless for the front and back seat. Not to mention powerful sound features for a perfectly fine-tuned audio experience.



MP3



DEQ-P6600 | COMPONENT DIGITAL SIGNAL PROCESSOR (DSP)

NEW



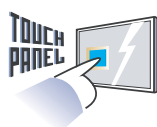
Get your blood pumping with full-fledged surround sound. This Digital Signal Processor makes a perfect match with the AVH-P6600DVD or DVH-P5000MP to create superb multi-channel audio processing. With a whole array of powerful tuning features at your fingertips — such as Auto Time Alignment for clear sound positioning and Auto EQ for sound tailored to your taste —, you can create a finely tuned sound stage to fit your own personal preferences and complement the car's acoustics. Take your listening pleasure even higher by hooking up external amplifiers to the two optical inputs and 6 Hi-Volt pre-outs. Additionally, a powerful built-in 5 channel MOSFET 50 power amplifier cranks up the volume for an unforgettable in-car cinema experience.



HIGH-QUALITY COLOUR DISPLAYS

AVX-7600 | 7-INCH WIDE-SCREEN IN-DASH TOUCH PANEL LCD COLOUR DISPLAY

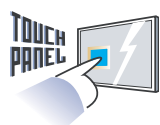
NEW



A 7-inch in-dash motorised touch panel colour display, the AVX-7600 is extremely versatile. Use it with a navigation system or video source. Or call on it to be the display for a complete AV system by adding on a Pioneer headunit, TV tuner, multi-CD player or even an extra DVD source unit.

There's no end to the in-car entertainment options.

AVD-W6210 | 6.5-INCH WIDE-SCREEN TOUCH PANEL LCD COLOUR DISPLAY



The AVD-W6210 is a high-quality 6.5-inch wide-screen touch panel display. With its fast and intuitive operation, it's the ideal touch panel to use with a DVD Cyber Navi unit. The sleek design incorporates anti-glare screen coating technology.

With a convenient quick release, you can snap it off your dash and stash it away in the glove box or your handbag.



AVD-W8000 | 8-INCH WIDE-SCREEN LCD COLOUR DISPLAY

AVD-W6200 | 6.5-INCH WIDE-SCREEN LCD COLOUR DISPLAY

Be awed by the high brightness and excellent resolution of the whopping 8-inch AVD-W8000 display. You'll be just as impressed by the AVD-W6200, a trim 6.5-inch high-quality wide-screen panel. You can mount either in the front headrest or from the roof to allow back seat passengers to enjoy their favourite DVD entertainment on the go. The AVD-W6200 can also be installed between the two front seats* to provide a more flexible viewing angle. Install or flush mount an AVD-W8000 into the dashboard and you have a handy and attractive front navigation display too. The choice is all up to you.

* Note: For installation between the front seats, use the Between Seats Mounting Kit AD-HM6200. For installation in the headrest, the AD-HM6002 Headrest Mounting Kit should be used.



AVD-W8000



AVD-W6200

For full features, please see pages 93-94.

FRONT AV ENTERTAINMENT UNITS

DVH-P5000MP | HIGH POWER DVD/MP3 TUNER



MP3

Powerful performance and outstanding looks, is what you'll find in this full-featured MP3/CD RDS tuner with DVD-Video playback. Connect one of



Pioneer's displays for all the thrills and chills of in-car DVD. The DVH-P5000MP also features high-quality 96 kHz, 24-bit DAC for when you play your DVD disc through the built-in amp. If you're really going for the in-car surround sound experience, hook up the DEQ-P6600 multi-channel processor for sumptuous Dolby Digital and DTS 5.1-channel audio.



The key features are indicated by means of coloured icons. For a full explanation on all icons, see pages 101-107.

REAR AV ENTERTAINMENT UNITS



DUAL ZONE FUNCTIONALITY

The DVH-P5000MP DVD/MP3 tuner is primarily intended for rear seat entertainment. Enjoy listening to your favourite MP3 collection, the built-in FM tuner, optional CD changer or DAB tuner up front. Meanwhile, your passengers enjoy watching video from the built-in DVD player from the back seat. For a single rear screen system, Pioneer recommends combining it with an AVR-W6100. For a multi-rear screen system, the CD-VS33 combined with Pioneer's AVD-W6200 or AVD-W8000 make an unbeatable combination.

SYSTEM SET-UP EXAMPLE



AVR-W6100 | 6.5-INCH WIDE-SCREEN LCD COLOUR DISPLAY FOR ROOF MOUNT



The AVR-W6100 is a dedicated roof-mount screen that is designed to complement the AVIC-X1 DVD Navigation AV headunit, the AVH-P7500/6600DVD DVD AV headunits, the DVH-P5000MP DVD/MP3 headunit or the SDV-P7 single DVD player in rear seat oriented AV systems. It has a 6.5-inch wide-screen display that flips down and swivels left and right for your comfort. The optional AD-RM6100 trim ring is recommended for installation.

GEX-6100TVP

OPTIONAL TV TUNER FOR AVR-W6100

The GEX-6100TVP is a PAL-only TV tuner designed to be used with the AVR-W6100, Pioneer's roof-mount screen. It has a single channel antenna and can be controlled via its remote control or with the buttons on the roof-mount display.



SE-IRM250

IR HEADPHONES FOR AVR-W6100

These handy cordless headphones are optional with the AVR-W6100 roof-mount screen. They feature volume control and noise mute. If they don't receive any input for 3 minutes, the convenient Auto Power function automatically turns them off to save battery power.



CD-VS33 | AV SELECTOR



This AV Selector unit forms the centre point of a multi-screen rear seat entertainment system. It has 3 AV inputs and 3 outputs, so that each passenger can choose their own video source. Thanks to the front-mounted video input, you can easily connect a portable device, such as a camcorder or a game console. Movies, TV or games... it's all there. Rear passengers can connect individual headphones to the stereo mini-jacks and enjoy individual volume levels while the driver follows the navigation commands up front.

SOURCE UNITS

XDV-P9-II | MULTI-DVD PLAYER WITH DOLBY DIGITAL/DTS DIGITAL OUTPUT



Not only can the XDV-P9-II handle DVD-Video, CD and VideoCD playback but it holds up to 6 discs for a variety of entertainment. Pair it with a Pioneer IP-Bus headunit and play audio or video discs. Used as a stand-alone unit with the remote eye, it creates a video system that your rear passengers can enjoy.



SDV-P7 | SINGLE DVD PLAYER WITH DIGITAL OUTPUT



Introducing the SDV-P7, a flexible 1-DIN single DVD player that offers DVD-Video, CD, CD-R/CD-RW and VideoCD playback. Hook it up in to a Pioneer IP-Bus headunit or use it in stand-alone mode and operate the full range of AV entertainment possibilities with the standard remote control.

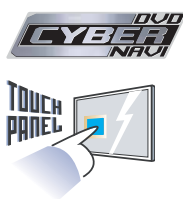


GEX-P6400TVP | HIDE-AWAY TV TUNER

This PAL TV tuner offers excellent performance when combined with Pioneer's AN-G3 optional TV antenna thanks to its built-in 4-way antenna diversity system. It can be combined with Pioneer's AVIC-X1 DVD Navigation headunit or AV headunit models, or with the DVH-P5000MP in combination with the in-dash motorised display AVX-7600.



AV/NAVIGATION PACKAGES



Create the AV/Navigation system of your dreams with the ideal combination of Pioneer's top-class AV/Navigation components. No matter which of the 4 DVD AV/Navigation packages you choose, you will have fully-featured DVD map navigation that is extremely easy to operate using the attractive touch panel display. Voice guidance makes it extra safe too, allowing you to keep your hands on the wheel while still taking advantage of its full functionality. With all of Europe on just one DVD disc, there's little more you could ask for. If you want to upgrade your current headunit, the AVIC990HVT-II and AVIC905HVT will expand your navigation and entertainment options beyond belief. Opt for the AVIC990HVT-II and enjoy additional 5.1-channel surround sound. The AVIC905HVT's smart new GUI with hexagon-shaped graphics makes this AV/Navigation package an additional pleasure to play with. For stand-alone on-dash AV/Navigation systems select between the AVIC650VT-II and AVIC600T-II. The AVIC650VT-II offers the extra appeal of CD/DVD-Video playback.

Whatever you want from AV and Navigation, Pioneer has the answer. Check out the chart underneath to find out the full features and benefits this selection of AV/Navi packages has in store for you.



Package Nr.	Package Description	Contents	Functionality
		AVIC-800DVD AVIC-900DVD AVD-W6210 AVH-P6600DVD AVH-P7500DVD CNDV-40MT Carry case for AVD-W6210	Navigation In-dash display On-dash display Touch panel operation Front seat Video DVD-Audio playback Rear screen connectivity Multi-channel surround sound AM/FM Tuner CD playback IP-Bus expandability (MCD, DAB connectable)
AVIC600T-II	Standard on-dash kit	•	•
AVIC650VT-II	Standard on-dash kit with Video playback	•	•
AVIC905HVT	Full-fledged in-dash AV/Navigation system with touch panel operation	•	• opt. •
AVIC990HVT-II	Full-fledged in-dash AV/Navigation system with surround sound and touch panel operation	•	• • • •

For full features, please see pages 92-95.

At Pioneer, we realise that different people have different reasons for considering an in-car entertainment AV or navigation system. That is why this year, our complete AV/Navi line-up covers more possibilities than ever before. Whether you place importance on getting from A to B in style or keeping the kids quiet and happy in the rear seat, you can put together any number of Pioneer in-car product combinations. Just three examples are shown here. Depending on the space you have available, you're sure to recognise your definition of in-car navigation or AV entertainment. Welcome to the world of Pioneer and rediscover the pleasure in driving.

TOP-OF-THE-LINE AUDIO-VISUAL AND NAVIGATION: A TOTAL IN-CAR SYSTEM

If you are one to enjoy the better things in life, you will want to equip your car with a top-of-the-line navigation and entertainment system. The high fidelity AVH-P7500DVD AV headunit combined with a masterful AVIC-800DVD Navigation unit is just that, and more. A motorised touch panel display, digital tuner, DVD player, multi-channel amplifier and surround sound decoders are integrated into the AV headunit for a well-rounded entertainment offering. You can enjoy DVD-Audio in 5.1-channel surround, or a wide range of other digital discs — including DVD-Video, CD-R/CD-RW, and MP3. The high performance AVIC-800DVD Navigation unit makes sure that all your travels, no matter where across Europe, are as easy as finding the corner shop. Considering more entertainment options for you and your passengers? Why not add up a TV tuner for the fun and practicality of television in-car — control all audio and video features by the headunit's touch panel display with exciting GUI.

You'll want to hook up two high-quality rear screens and a flip-down roof-mounted display so your passengers can watch TV, DVD or play their favourite games in the back. In the meantime you can listen to your music and navigate up front — all thanks to the Dual Zone feature!

Products shown: AVIC990HVT-II AV/Navigation package (includes AVIC-800DVD DVD Navigation unit, AVH-P7500DVD Multi-channel DVD AV Headunit and CNDV-40MT DVD Map Disc), AVD-W6200 6.5-inch Wide-Screen LCD Colour Display, AVR-W6100 6.5-inch Wide-Screen LCD Colour Display for Roof Mounting, CD-VS33 AV Selector and TS-CX7 Centre Speaker.





PURE NAVIGATION: PERFECT TO ADD-ON TO YOUR CURRENT AUDIO SYSTEM

Touch panel technology has already changed the world of in-car navigation and with this add-on configuration, you'll be on-board just at the right time. Even if you don't have dash space available, you can easily add this compact on-dash wide-screen touch panel to your current tuner. It is the ideal touch panel to use with the AVIC-800DVD Cyber Navi unit. You'll have access to the latest intuitive navigation technology, like Street List guidance mode, Intelligent Re-routing instructions and detailed TMC information. Putting in your destination, or retrieving extra map information is all done at the touch of a finger. The panel itself clicks off for easy theft prevention and you can control the entire system with your touch panel or simple voice commands.

Products shown: AVIC600T-II AV/Navigation package (includes AVIC-800DVD Navigation Unit, AVD-W6210 On-dash Wide-Screen Touch Panel Display and CNDV-40MT DVD Map Disc).

1-DIN AV: ADD DVD-VIDEO TO A FULL-FEATURED CAR STEREO FOR REAR SEAT PASSENGERS

An AV entertainment system doesn't mean you have to invest in a full range of units and a total in-car overhaul. Here's a simple solution for great entertainment for the front and back alike. A top-of-the-line CD RDS tuner with built-in DVD-Video playback is the ideal choice, as it fits in your car's 1-DIN provision. Add the flip-down roof-mounted display, and let the kids watch a DVD cartoon with their own headphones, while you enjoy high-quality audio behind the wheel.

Products shown: DVH-P5000MP High Power DVD/MP3 Tuner, AVR-W6100 6.5-inch Wide-Screen LCD Colour Display for Roof Mounting and TS-CX7 Centre Speaker.



MULTIMEDIA UNIT



DEH-P900HDD* HARD DISK DRIVE HEADUNIT



Standard



Dare to look ahead and embrace the future. This Hard Disk Drive headunit is loaded with features: a 10 GB hard disk drive that can store up to 200 hours of music, an AM/FM RDS tuner and a CD player; plus it comes equipped with a 4 x 50 W MOSFET amplifier for unequalled audio performance. The built-in MagicGate Memory Stick slot means that you can download music from your PC and play it back in your car. The OEL display offers a multitude of entertainment options and, you can custom tune the powerful sound output thanks to the 3 pre-outs and built-in DSP (Digital Signal processor).

* DEH-P900HDD is not available in the UK.



RECORD UP TO 200 HOURS OF MUSIC ON YOUR HARD DISK DRIVE!

Leave your CD collection at home but still enjoy hours of music whilst your drive. With a 10 GB hard disk drive inside the headunit, you can digitally record music played by the DEH-P900HDD's CD player or make an analogue recording from any source connected via the IP-Bus (Multi-CD player, MiniDisc player, TV)*. Music is stored in ATRAC3 compression format. It's like having an in-car traveling jukebox.

* The DEH-P900HDD cannot record AM/FM or MP3-recorded CD-R/CD-RW discs.



MAGICGATE MEMORY STICK SLOT

Use the DEH-P900HDD's "MagicGate Memory Stick" slot to play music downloaded from your PC. You can even transfer music from the headunit's hard disk drive to the Memory Stick and play it back on another MagicGate Memory Stick compatible player. The copyright protection system, MagicGate encryption and authorisation technology employed by the DEH-P900HDD ensure that music from an unlimited number of copyrighted sources still maintains the high quality of the original.

MagicGate Memory Stick and  are trademarks of Sony Corporation.

POWERFUL DIGITAL SIGNAL PROCESSOR INCLUDED

The DEH-P900HDD guarantees a high-quality sound experience by correcting the vehicle's interior acoustics using the built-in DSP. Its Time Alignment feature ensures that sound from each speaker reaches the ear simultaneously, whilst the Auto EQ fine-tunes the entire range of the music's frequency bandwidths. The DEH-P900HDD also features an ASL (Automatic Sound Leveliser) which uses DSP processing to monitor the varying noise levels and automatically adjust electric volumes and frequencies to mask exterior noise. The result is pure sonic pleasure.



Time Alignment



Automatic Sound Leveliser

DAB TUNER

GEX-P700DAB | HIDE-AWAY DAB TUNER



The GEX-P700DAB allows you to take your current headunit down the digital path. This hide-away DAB tuner delivers crystal-clear radio like never before. You will require the optional AN-70/75DAB DAB antenna* for DAB reception.



Optional AN-70DAB drill mount type antenna
Optional AN-75DAB* surface mount type antenna

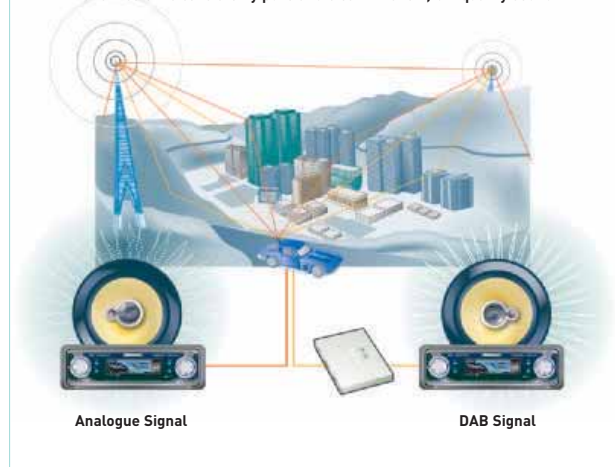
* AN-75DAB is not available in the UK.



DAB (DIGITAL AUDIO BROADCASTING)

The DAB digital radio system uses the latest digital radio techniques to offer a format which offers excellent reception and superb sound quality. In addition, the digital technology used allows a larger number of stations into the frequency band, creating potential to have many more listening options than on FM. COFDM (Coded Orthogonal Frequency Division Multiplex) modulation is the secret ingredient to superb reception, offering near CD-quality audio whilst still having room for more services on each channel. The compression rate can be selected by the broadcaster. Low data rates are best for voice-only services and high rates ensure better music quality. These services can be altered as required which means that at peak times, more stations can be added or individual services can be separated. So for example: for a Saturday sports events on FM, the station decides which games to cover; but, with the DAB 'split', several games can be covered simultaneously, returning the choice to the listener. Other DAB features include improved text features and announcement support (Traffic, News, Weather, Sport, Finance), and may, in the future, include data services that will allow for pictures or even web pages to be sent along with audio services.

Atmospheric conditions and large physical obstructions can interfere with analogue signal reception. The DAB receiver simply does not recognise interference. Digital transmission is consistently pure and clean. In short, CD-quality sound.





HEADUNITS





DESIGNS THAT SUIT YOU, SOUND THAT THRILLS YOU

Now you can get the headunit you've been looking for. Pioneer has it all. Top-notch CD RDS tuners, cassette and double-DIN models, as well as outstanding multi-CD packages. If it's premier design at an affordable price you want, you've got it. If you're looking for complete MP3/WMA/WAV compatibility, you've got it. At the top of the range, it gets even better. Sophisticated styling fronts for a superb system within. Enjoy a clean and elegant look or go for something that's lean and keen. Every headunit is packed with futuristic high-tech features and thunders in with superior power and performance. Now you can stop dreaming of perfection. It's here and it can be yours

HIGH POWER CD RDS TUNERS

DEH-P9600MP | WMA/MP3/WAV/CD RDS TUNER

NEW

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MP3

This stunning silver headunit with Dual Faceplate and multi-language Colour Organic EL display takes you into a whole new dimension of design and entertainment. You'll be in complete control of your sound listening experience thanks to the advanced built-in DSP, the Auto Time Alignment and Auto EQ features. The handy Folder & File List Search function lets you find songs more quickly and easily than ever before.



Standard 10-key Remote Control



A FUN AND EASY SYSTEM THAT SPEAKS YOUR LANGUAGE



Close the movable front panel with stunning silver finish and the display still shows all essential information. When you want more info or entertainment, simply slide open the motorised display to reveal a large Colour Organic EL screen complete with 3-D animated graphics. Not only is it extremely fun and easy to use but you can now navigate the display menu in your preferred language too – English, French, German, Italian, Spanish or Dutch.

ADD MORE COLOUR TO YOUR CAR

Pioneer's Organic EL displays offer comprehensive control, a wide viewing angle, as well as high contrast and brightness. With Pioneer's latest revolutionary Colour Organic EL display you will get all that and more. Found on the DEH-P9600MP and DEH-P8600MP, this impressive multi-colour display offers a wide range of vivid animation possibilities. You'll be impressed by the excellent 3-D realism, all in colour. It can even create eye-catching pure white graphics. Customise your new multi-colour display using a CD-R or CD-RW. Surf to www.pioneer.co.jp/car/pclink3a* and download the software to get started. Check it out, you'll be amazed.

* For the DEH-P9600MP and DEH-P8600MP



DEH-P8600MP | WMA/MP3/WAV/CD RDS TUNER

NEW



MP3



Never has in-car music sounded so sublime. The new built-in DSP in this superior high-tech headunit allows you to personalise the sound to your own discerning taste. You can customise the exciting Colour Organic EL display using Pioneer's Screensaver Studio software. With vast animation possibilities and 3-D realism, it really is a joy to use. The Folder & File List Search function makes finding your favourite song as easy as ABC. Other practical features include the handy rotary commander and standard 10-key remote control.



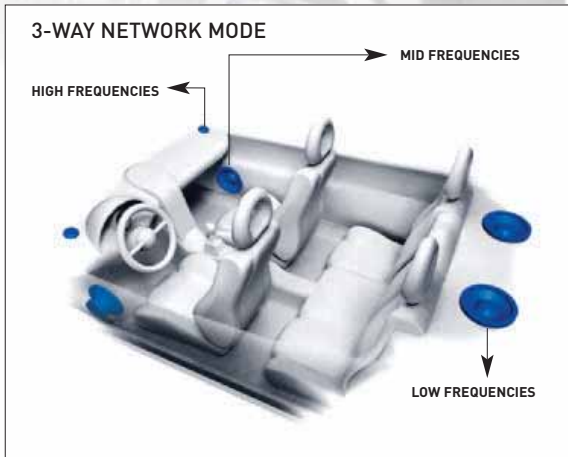
Standard 10-key Remote Control



New DSP

CREATE A PROFESSIONAL IN-CAR SOUND WITH EASE

Customise your in-car sound like a professional using the new improved DSP. It achieves true perfection in sound tuning by integrating three technologies: the Burr-Brown 1-bit DAC with 24-bit resolution ensures music is as close to the original as possible; Advanced Auto Time Alignment adjusts the sound image depending on your chosen listening position; and Auto EQ corrects the balance of the acoustics according to your car's interior. There are even 6 preset equalisation curves, plus a nuance control function, so you can make subtle sound adjustments as you desire.



THE PROFESSIONAL SOUND OF BBE

Thanks to the inclusion of modern BBE technology, you can now experience the richness and clarity of lifelike sound in your car. Professional musicians have used BBE technology for years to be able to realistically reproduce vocals and instrumentals. When music is played through an amp or loudspeaker, it loses fidelity and can become distorted. BBE solves this problem. BBE divides audio signals into three frequency bands, delays the lower frequencies and slightly boosts the high range so that sound waves hit the eardrum simultaneously. That way, the music recovers its natural integrity and texture. BBE truly maximises your listening pleasure.

HIGH POWER CD RDS TUNERS

DEH-P80MP WMA/MP3/WAV/CD RDS TUNER

NEW



MP3



The trendy DEH-P80MP catapults you straight into the future of technological design. The new blue OEL makes an attractive background to host customised animations from any CD-R/CD-RW. Not only is the look futuristic, but the sound too. The super-charged MOSFET 60 W x 4 amplifier ensures booming beats and tremendous tones whilst the BMX (Bitmetric Equaliser) purifies compressed audio files. Add up separate amps and speakers to create an unrivalled in-car listening experience.



Standard 10-key Remote Control



MOSFET 60W x 4 SMALL BUT EXTREMELY IMPRESSIVE — THE MOSFET 60 W X 4 POWER AMP

There's no other amp like it. Pioneer's revolutionary MOSFET 60 delivers a hugely exciting 60 W x 4 of output power with no direct connection to the battery. How's that for impressive? With no direct battery connection necessary, installation is easy. Small on size, huge on power — it's what every audiophile dreams of.

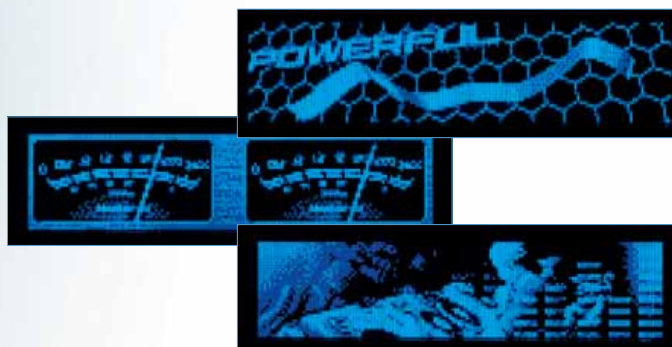
Note: There needs to be an ACC fuse higher than 10 A. If the ACC fuse is lower than 10 A or if there is no ACC cable, the DEH-P80MP can still support 40 W max. power.

NEW BLUE OEL

Subtle in hue, the new blue OEL display on the DEH-P80MP is huge on allure. Making a cool, smart and trendy statement, it even plays customised animations. Like other Pioneer OEL displays, it offers comprehensive control as well as wide viewing angles, active 3-D visuals, and high contrast and brightness — even in sunlight. Thanks to Pioneer's Screensaver Studio you can download hip background images, level indicators and movies by visiting [www.pioneer.co.jp/pclink3b](http://www.pioneer.co.jp/car/pclink3b).

Rotary COMMANDOR FUTURISTIC CONTROL OF YOUR ENTERTAINMENT WORLD

If you want a glimpse of the future, it's here and it's round. Pioneer's new rotary commander is definitely ahead of its time. Found on the DEH-P8600MP and DEH-P80MP, it provides simple and quick control of all functions using just one knob. Turn it left or right, press it, or simply push it to navigate joystick-style through different radio stations or to access folders and files. It's so simple and so smart; you'll wonder how you ever managed without it.





PERFECTION IN FORM, FUNCTION AND FUNCTIONALITY

You'll just love the practicality and elegance of this user interface. Its minimalist buttons may be small in size but they are big on functionality. The attractive yet practical dual rotary design is simple and clear. Just push and turn the ergonomically designed function controller to access all functions. The rotary volume control finishes off this elegant image-maker.



Optional CD-SR100

DEH-P77MP | WMA/MP3/CD RDS TUNER



MP3



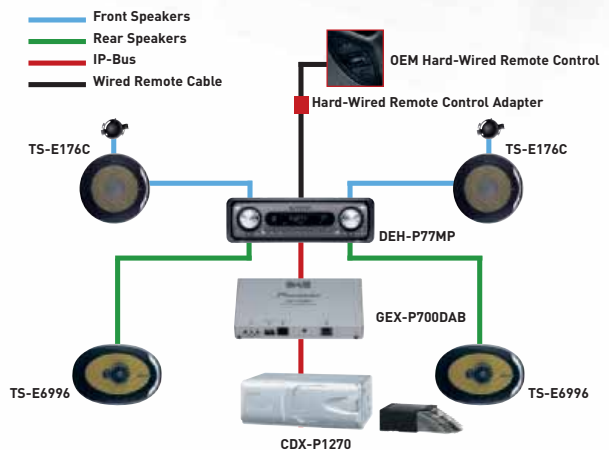
The elegant DEH-P77MP provides the ideal combination of function and form. An aluminium-plated CD tuner with striking bright white-dot matrix LED display, it is not only stylish but also extremely powerful. Featuring the legendary MOSFET 50 amplifier and Burr Brown D/A converters, it is guaranteed to take your listening pleasure to new extremes. Pair its high fidelity and high technology with Pioneer's innovative D4Q tuner and a specially designed equaliser system and it has no choice but to make your sonic dreams come true.

HOOK UP EXACTLY WHAT YOU WANT

The DEH-P77MP offers a wide range of connection possibilities to make this top-notch in-car audio experience even more impressive. The IP-Bus connection lets you control multiple sources, like a multi-CD changer or a DAB tuner, from your headunit. Hook up four speakers for premium audio performance, thanks to the MOSFET 50 W x 4 amplifier, or alternatively use the Hi-Volt pre-outs to connect external amplifiers for even more powerful sound. For that final touch, with the DEH-P77MP's Wired Remote Input, you can control your headunit by using the car's integrated steering wheel remote control*.

* With optional hard-wired remote control adapter (see page 45).

SYSTEM DIAGRAM



For full features, please see page 96.

HIGH POWER CD RDS TUNERS

DEH-P7600MP | WMA/MP3/WAV/CD RDS TUNER

NEW



MP3



Top of the class for technological design, this headunit features a dazzling blue and white OEL display. But it is admired for more than its looks. It creates an unforgettable sound experience with a D4Q digital AM/FM tuner and sound-enhancing features like the 3 Hi-Volt pre-outs that can be used to add external amplifiers and speakers. The handy Sub-Display Output lets you send basic tuner information — such as frequency and track numbers — from your headunit to the existing in-car digital display.



Optional CD-SR100



MP3

WMA

EASIER SEARCHING THROUGH YOUR FILES

Pioneer's new MP3/WMA headunits incorporate a brand new CD mechanism. It supports ID3 Tag Ver. 2, which provides much longer MP3 Text information. The DEH-P9600MP, DEH-P8600MP, and DEH-P80MP can display 64-character file and folder names, while other MP3 headunits support 32 characters. The new Folder & File List Search provides direct access to particular folders and files*, and you can easily skip 10 files ahead or back using the handy Rough Search function. Songs can also be found using the new 10-key remote control of the 3 top models**. You will always find your favourite tune.

* Folder & File List Search is available on the DEH-P9600MP, DEH-P8600MP, and DEH-P80MP. Folder List Search is available on the DEH-P7600MP and DEH-P77MP.
** DEH-P9600MP, DEH-P8600MP, and DEH-P80MP.

BMX

PEP UP THE MUSIC

You'll be amazed at the difference in sound experience that the latest BMX and Comp* technologies make to compressed audio files such as MP3 and WMA. Because some sound information gets lost during the compression process, these digitised formats can sometimes sound unnatural; unstable and flat tones can lack resonance and impact. Not any more! BMX peps up digital compressed audio** by adjusting the signal output level and tonal characteristics. The result is a much more natural and comfortable sound. BMX also improves the sound from uncompressed audio files particularly when the data originates from a poor original source.

* Comp and BMX cannot be used at the same time.

** BMX does not improve modulation-like, deteriorated sound typically found in low bit rate MP3.



Optional CD-SR100

DEH-P6600R | CD RDS TUNER

NEW



Superb sound is at your fingertips with this full-featured CD tuner. Its stylised high-quality OEL display guides you through the various functions. With a simple touch of a button, there's sound-enhancing technology, like EEQ+ with EQ-EX for accentuated sound curves. The ASL (Auto Sound Leveliser) compensates for exterior road noise behind the scenes while the D4Q technology optimises AM/FM reception under very demanding reception conditions. For complete entertainment, hook up a multi-CD player, DVD player, DAB tuner or even a TV tuner.

OEL DAZZLING MOVING GRAPHICS

Pioneer's OEL display is certainly a bright star. This dynamic display includes multiple entertainment features like exciting screensaver images as well as other unique 3-D visuals. The display's smart functionality lets you control and confirm operating information at a glance. Don't forget comprehensive control, high contrast and brightness even in direct sunlight, and wide viewing angles. OEL displays are a great way to add a bit of magic to your in-car entertainment!



For full features, please see page 96.

HIGH POWER CD RDS TUNERS



Optional CD-SR100

DEH-P5600MP | WMA/MP3/WAV/CD RDS TUNER

NEW



MP3



This CD RDS tuner has got everything you could ever need for great sound, with multi-colour display. EEQ+ precision tuning ensures smooth and sublime sound, while SFEQ keeps you in control of bass and treble. One touch of the EQ-EX button and the EQ curve is perfectly optimised for the fullest sound. Polished off with multiple IP-Bus control, you can create an all-inclusive in-car multimedia system complete with a multi-CD player, DVD player, TV or DAB tuner.



Also available as DEH-P5630MP with red button illumination.



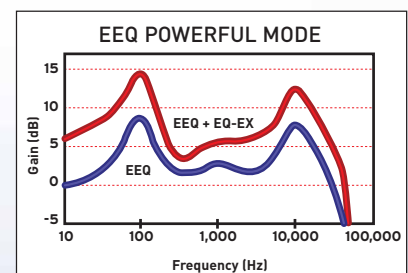
TECHNOLOGY THAT GOES YOUR WAY

Pioneer's EEQ Plus system gives you all the tools: a 3-band programmable parametric equaliser for each possible source for precision sound tuning in your car's interior and a Low Pass Filter (LPF) and High Pass Filter (HPF) for exact low- and high-frequency control. For easy adjustment, you can count on the five factory preset equalisation curves and three Loudness modes. With EEQ Plus, you'll be able to experience your kind of in-car sound like never before.



EQ-EX — EXTRA ACCENT FOR EEQ

Give your equaliser settings a boost with EQ-EX (Equaliser Expansion). Just press the EQ-EX button to expand your current preset EEQ curve. The characteristics of each curve are enhanced, giving a more dramatic effect and a new edge to your music.





DEH-P3600MP | WMA/MP3/WAV/CD RDS TUNER

NEW


MP3

The DEH-P3600MP's clean white display with CD Text feature makes a cool statement on your dashboard. Add in D4Q that provides perfect radio reception and Pioneer's MOSFET 50 W x 4 power amp with EEQ for customised power sound. Use the multiple IP-Bus control to hook up a TV tuner, DVD player or multi-CD changer and you'll never want to get out of your car again.



Also available as DEH-P3630MP with red button illumination.



Also available as DEH-P3600MPB with blue colour display and red button illumination.

MP3 MORE MUSIC WITH MP3

With MP3, take more of your favourite music on the road — without the hassle of a pile of discs. With highly compressed MP3 files, one disc equals up to 10 music CDs. Organise your favourite songs into as many as 8 subfolders. MP3 plays the tracks in a more logical order, folder-by-folder. Additionally, file navigation makes it easier to find a specific track. Moreover, Pioneer MP3 players support multi-session discs, mixed-mode CDs with ROM and audio files on the same disc, and CDs burned on Windows XP's built-in CD burner software. All Pioneer MP3 players are compatible with ISO9660 Level 1 & 2 and Romeo & Joliet file systems. Pioneer players do not support Packet Mode (or UDF format) written files.

Note: CD-R and CD-RW discs should be finalised before use.

WMA WIN-WIN AUDIO WITH WMA (Windows Media™ Audio)

WMA, the music compression format developed by Microsoft, minimises the file size of your original audio track while maintaining good audio quality even at rates as low as 64 Kb/sec. WMA allows you to put more files of a certain sound quality on a CD, or to put the same number of files, but of a higher sound quality compared to MP3. Pioneer's WMA products support all standard compression rates (48 Kbps ~ 192 Kbps) as well as the WMA text format*.

All of Pioneer's WMA CD RDS tuners support the latest WMA Ver.9**, which improves sound quality by 20 % compared to WMA Ver.8. Compatible with files recorded with WMA Ver.8, it supports the new VBR (Variable Bit Rate) format of WMA Ver.9.

* Pioneer WMA/MP3 players do not support files written in Packet mode (UDF format).

** They do not support WMA 9 Professional (5.1-ch), WMA 9 Lossless and WMA Voice.

HIGH POWER CD RDS TUNERS

DEH-P2600R | CD RDS TUNER

NEW



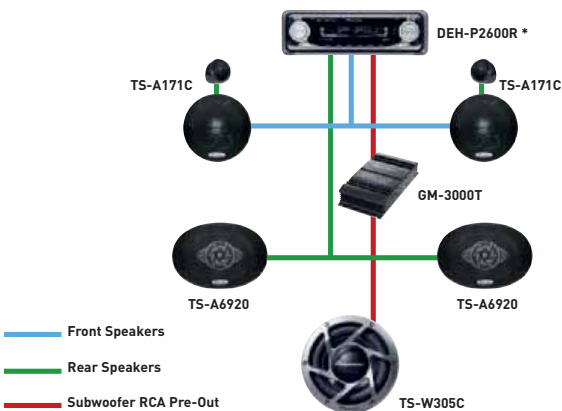
This straightforward CD RDS tuner delivers powerful yet distortion-free sound thanks to Pioneer's innovative MOSFET 50 W x 4 amplifier while live-wire quality sound can be taste-tuned with EEQ. The D4Q digital AM/FM tuner supports crisp and clear radio station reception even in areas with many closely packed stations. Connect an extra component like a DAB tuner or multi-CD changer thanks to the multiple IP-Bus control. You can even hook up a portable CD, MiniDisc or MP3 player.



EXPAND YOUR SYSTEM

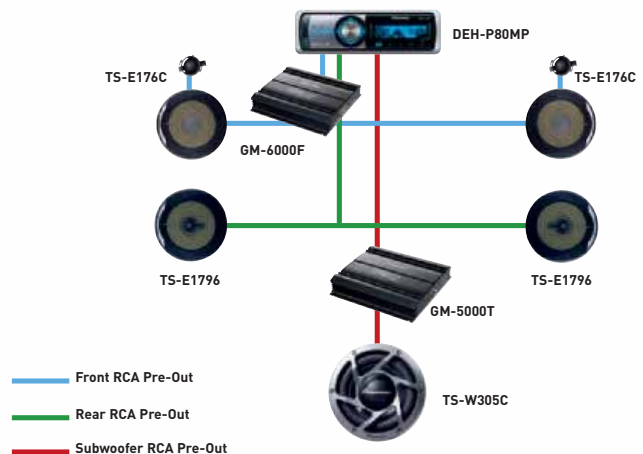
With the RCA pre-outs, you can easily add extra amplifiers and speakers to your in-car sound system. Whatever set-up you select, you are certain to enjoy crystal-clear, distortion-free sound output. Pioneer's CD RDS tuners can feature up to 3 RCA pre-outs. In the 1 RCA system set-up the amplifier drives a subwoofer for increased power handling and booming bass. The front and rear speakers are hooked up directly to the headunit. Headunits with 2 or 3 pre-outs enable further expansion of the in-car system by adding one or more external amplifiers and extra speakers. As shown in the 3 RCA system set-up, this sound system is customised with an external 4-channel amplifier to drive the front and rear speakers and a bridged 2-channel amplifier to drive the subwoofer.

1 RCA SYSTEM DIAGRAM



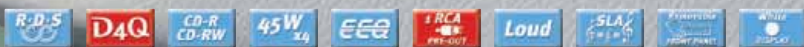
* Not available with KEH-1032 and KEH-1033.

3 RCA SYSTEM DIAGRAM



DEH-1600R | CD RDS TUNER

NEW



This eye-catching yet affordable CD RDS tuner has the extras you need for quality sound. Radio addicts will certainly appreciate the D4Q digital AM/FM tuner providing crisp and clear radio reception. Playing both CD-R and CD-RW, the system comes complete with EEQ with 5 preset modes to adjust the sound to your taste and 4 x 45 W output power to crank up the volume. The RCA pre-out lets you connect an additional amp for a more astounding audio experience.



Also available as DEH-1600RB with blue-colour display and red button illumination.



Also available as DEH-1630R with red button illumination.

D4Q D4Q DIGITAL AM/FM TUNER

Enjoy interference-free listening with D4Q. This Pioneer digital processing technique improves audio performance and receiver selectivity. **Highly sensitive**, D4Q widens your reception area making it ideal for driving outside cities. Additionally, D4Q is **resistant to multipath noise**. Its fast operation eliminates the effects of reflected radio signals. D4Q is also great in areas with numerous adjoining stations as its sophisticated digital control system **eliminates interference** from adjacent channels. **Smooth RDS network following** means you'll always be tuned to the best frequency. With D4Q, you can be sure of optimum tuner reception and a high level of audio performance for pure listening pleasure.

EEQ YOUR SOUND AT THE TOUCH OF A BUTTON

EEQ is handy technology that helps you effortlessly customise your sound like never before. Just select the EQ button for the optimal sound setting in your car. EEQ includes a host of audio features: 5 factory preset equalisation curves, 3-band parametric or programmable equaliser, 3-mode loudness and/or 3-mode front image enhancer.

HIGH POWER MULTI-CD PACKAGES

MCD2600CD | CD RDS TUNER AND MULTI-CD SYSTEM

NEW



If you don't want to compromise on sound quality when you expand playback capability, then treat yourself to a Pioneer multi-CD package. Easy to install, the MCD2600CD comprises a perfectly matched high power headunit and 6-disc multi-CD player. Leading Pioneer technology ensures crisp, clear sonic performance, while D4Q digital processing enhances the AM/FM radio tuner. It's ready for you to expand your listening experience even further. Simply connect an additional amplifier on the RCA pre-out, or hook up a portable CD, MiniDisc or MP3 player.

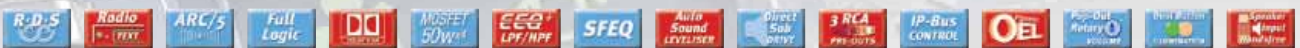


MULTI-CD PACKAGES	MCD2600CD	MCD6020RDS	MCD6020RDS-B	MCD4020RDS	MCD4023RDS	MCD2030RDS	MCD2033RDS
Headunit	DEH-P2600R	KEH-P6020R	KEH-P6020RB	KEH-P4020R	KEH-P4023R	KEH-P2030R	KEH-P2033R
Multi-CD changer	CDX-P670	CDX-P670	CDX-P670	CDX-P670	CDX-P670	CDX-P670	CDX-P670
Optional CD-SR100							

HIGH POWER CASSETTE RDS TUNERS



KEH-P7020R CASSETTE RDS TUNER



This cassette tuner sets the trends. Its OEL display informs and entertains with a spectrum analyser and left/right channel level meter. It features EEQ Plus and 3 RCA pre-outs so that you can really design your sound your way. Dolby B masks cassette background hiss. The ASL (Automatic Sound Leveliser) adjusts the volume to compensate for exterior noise so you can enjoy your favourite tunes at a constant volume. Its standard steering wheel remote control system guarantees safe and comfortable driving.



Standard

KEH-P6020R CASSETTE RDS TUNER



This cassette tuner is loaded with technology to let you create your dream sound. The MOSFET 50 W x 4 amp creates powerful distortion-free sound while EEQ Plus enables additional tuning for exceptionally customised sound. Its 2 RCA pre-outs let you take your sound system design even further with separate amplification. SFEQ gives you independent control over your front and rear bass and treble settings for precise sound staging.



Optional CD-SR100



Also available as KEH-P6020RB with blue-colour display and red button illumination.

For full features, please see pages 96-97.

HIGH POWER CASSETTE RDS TUNERS

KEH-P4020R | CASSETTE RDS TUNER



This cassette tuner with EEQ features a built-in MOSFET 50 W x 4 power amp for fabulous sound quality. The visual impact of this headunit promises perfection with its multi-colour LCD display and full flap front panel design.



Also available as KEH-P4023R with red button illumination.

KEH-P2030R | CASSETTE RDS TUNER



This cassette tuner is equipped with reliable functions like a high-speed intelligent RDS tuner and a 4 x 40 W amplifier for high audio performance. If you want to expand your system — the IP-Bus ensures perfect control of your multi-CD player, and the RCA pre-out allows the addition of an amplifier.



Also available as KEH-P2033R with red illumination.

KEH-1032 | CASSETTE TUNER



This basic cassette unit is fitted with Pioneer technology like BTB (Bass Treble Boost) sound tuning for powerful Bass and Treble settings. You're guaranteed high sound quality with the 4 x 40 W amplifier, and the SLA (Source Level Adjuster) keeps volume for all audio sources at the same level.



Also available as KEH-1033 with red illumination.

HIGH POWER DOUBLE-DIN TUNER

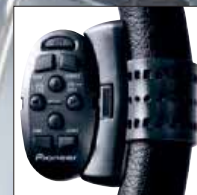


FH-P4100R DOUBLE-DIN CASSETTE/CD RDS TUNER



If you are looking for great sound combined with a perfect double-DIN fit, you will be stunned by the performance of Pioneer's FH-P4100R Cassette/CD RDS tuner. This headunit has built-in full audio DSP with a 9-band graphic equaliser for truly optimum sound. The buttons on the unit are illuminated in red to match VW cars with a 2-DIN provision. Added benefit: a detachable front panel for anti-theft security.

Please note that special double-DIN mounting kits are available for several car models: ADT-OP150 for Opel, ADT-MB140 for Mercedes and ADT-VA132 for Volkswagen.



Optional CD-SR100



SOUND, JUST THE WAY YOU LIKE IT

Pioneer's Digital Signal Processing technology corrects imperfect interior listening conditions that can impede sound quality, such as the tight, irregular shaped space inside a car and driving noise. DSP also offers superior control of acoustic characteristics with fine-tuning that ensures you'll get a personalised balance of high-, low-, and mid-frequency ranges. Built-in DSP improves the sound of all your audio sources, while Source EQ Memory effortlessly recalls the tone settings for each individual audio source. To create the best playback characteristics for rock, pop, and other types of music, there are five preset equalisation curves and four sound field settings: Jazz, Concert Hall, Studio and Stadium. The Digital Listening Position Selector automatically adjusts the sound field and stereo image to optimal levels for each of the four preset seating positions in the car so there's no need for adjustments when you want to recreate the acoustics of a concert venue. Digital Sound Field Control (SFC) applies varying degrees of reverberation and echo to enhance the ambience of the music while BBE helps music to recover its natural articulation by adjusting the speed of the sound waves, adding delay to lower frequencies and slightly boosting the high range.



Customised Equalisation



Digital Sound Field Control

MULTI-CD PLAYERS

CDX-P1270 | 12-DISC MULTI-CD PLAYER



CDX-P670 | 6-DISC MULTI-CD PLAYER



Both the 6-disc and 12-disc multi-CD players incorporate the latest technology — like Skip Play for CD-R/RW discs — to bring you superb performance wherever you drive. On top of that, you will enjoy visual confirmation of CD information on your headunit with the CD Text feature.

CDX-FM657 | UNIVERSAL MULTI-CD PLAYER



For drivers who wish to enjoy the clarity of CD sound, adding the CDX-FM657 is an easy and highly economical way to create an instant 6-disc system in a car already equipped with a high-quality FM stereo tuner (preferably a Pioneer headunit). The CDX-FM657 can be used with any FM tuner, although the CD sound quality will be determined by the quality of the FM tuner to which it is connected. This multi-CD player is a high-value, very affordable route to digital sound pleasure.

For full features, please see page 97.

Simple accessories can make all the difference in regards to your in-car entertainment system. You can use your car's existing remote control to operate your Pioneer headunit by opting for one of Pioneer's remote control adapter interface kits, or add a Pioneer multi-CD player to your existing headunit with an easy-to-install CD changer interface. Obtain the perfect headunit fit — adapted precisely to your car — with a fascia plate. With a wide selection of product and car-specific accessories, every element of your in-car entertainment will be completely under control.



FASCIA PLATES

In many new cars, the installation area is larger than the headunit. In this case, an adapter or fascia plate is required for a proper fit. Fascia plates can be used to adapt a one-DIN radio into a non-DIN location.



SUB-DISPLAY OUTPUT

Now you can connect your Pioneer CD tuner to your car's existing digital display, thanks to the sub-display output feature. Basic tuner information — such as frequency and track numbers — is output through the IP-Bus connection via an optional interface. This practical new feature is found on the DEH-P9600MP, DEH-P8600MP, DEH-P80MP and DEH-P7600MP.

Note: Also available on the ANH-P10MP (see page 15).

STEERING WHEEL REMOTE CONTROL ADAPTERS

Many cars come equipped with a steering wheel mounted remote control. Your remote control ready Pioneer headunit works with existing built-in remote control units, thanks to a remote control adapter kit.

For remote control ready headunits, an infrared adapter is available. Alternatively, for Pioneer headunits with a wired remote input, a mini-jack input in the rear, the hard-wired remote control adapter connects the remote to the headunit. Several versions of adapters are available to suit original remote control units in most cars.



CD CHANGER INTERFACE

Want to add a multi-CD changer to your existing system? This interface directly connects your original headunit with a Pioneer multi-CD changer. It allows you to search for tracks or select another disc using the headunit's existing buttons. It reproduces the CD sound via the car's original sound system as well.



If you would like more information about which accessory fits your car needs, please contact your local dealer or visit the Pioneer website at