Pioneer



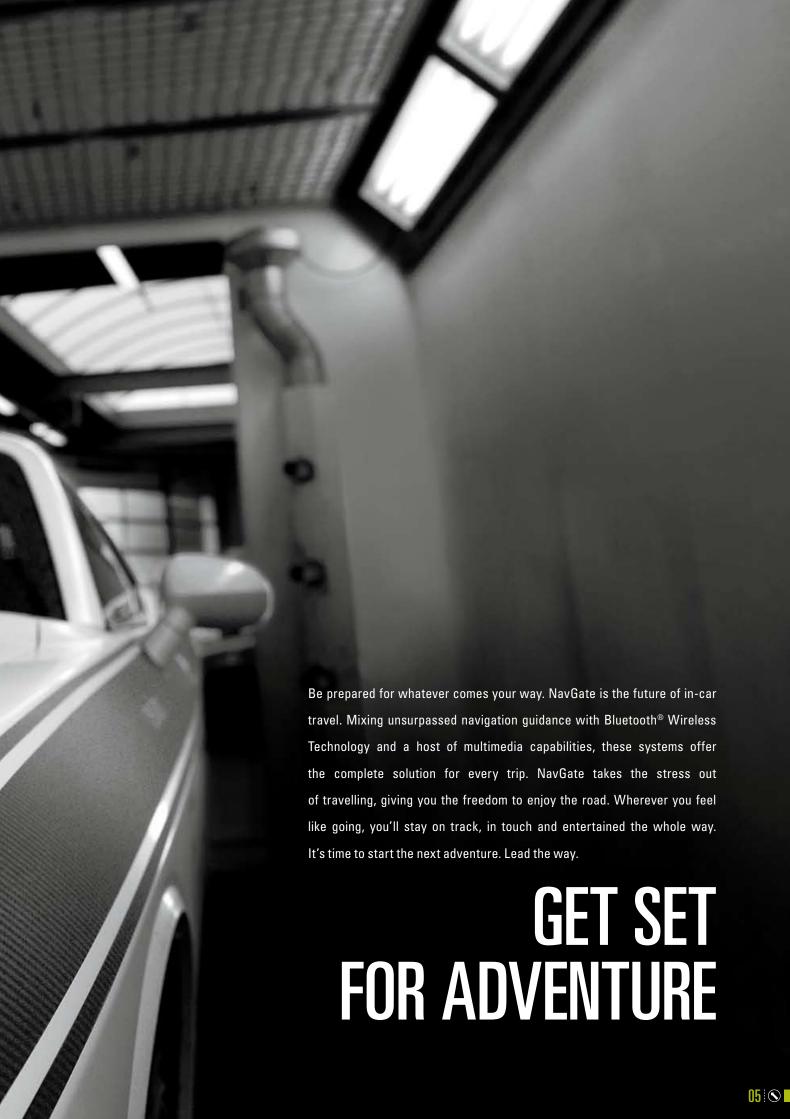
REVEAL YOUR TRUE NATURE

2010 CAR ENTERTAINMENT GUIDE 🔊 🕮 🖝









IT'S TIME TO DISCOVER

With NavGate in your car, you can experience the road like never before. More than basic navigation units, NavGate systems enhance your drive with a host of communication and entertainment possibilities. They are simple to use, fit smoothly in all types of cars and can be customised to suit your own taste. Explore. Talk. Play. With NavGate, it's that easy.











With NavGate, smooth and seamless integration comes as standard. The NavGate line-up features solutions for all types of factory dashboard locations and custom-fit units for a wide range of vehicles. So, whatever car you drive, there is a perfect fit for you. Find the best match for your car at www.pioneer.eu



At heart, NavGate is about fast and precise in-car navigation. Explore Europe using comprehensive, preinstalled map data from Tele Atlas, covering 44 European countries and featuring millions of destinations and Points Of Interest (POIs). Navigation is stress-free thanks to easy address input and fast route calculation. To avoid any unwelcome surprises, all 2010 models come with a Traffic Message Channel (TMC) receiver, giving you up-to-date traffic information while on the road.











Stay connected as you travel with Bluetooth Wireless Technology. All 2010 in-dash NavGate systems feature a built-in Bluetooth module from Parrot, giving you the freedom of hands-free telephony on the road. Manage all calls and contacts with your unit's Touch Screen.



Bluetooth



Travelling should be fun. With NavGate you and your passengers will stay entertained the whole way. Enjoy playback of your discs and portable sources, such as iPod, iPhone, USB and SD, and get easy control of all sources via your system's Touch Screen. Enjoy the trip!











2010 NAVGATE FEATURES

THE REVOLUTION IN AV CONTROL

The new AV user interface of our high-end NavGate systems has been designed to revolutionise the way you control your music and videos in your car*. Operated by your unit's Touch Screen, the AV user interface is completely intuitive. Its advanced features include dynamic shortcuts to access sources menus and lists of files, interactive 3D animation during operation and exclusive Slide Touch control to quickly select new songs and videos simply by dragging your finger.

* This feature is not available for the AVIC-F320BT/3210BT.





CUSTOMISABLE HOME MENU

Create your own personalised Short Cut menu on your NavGate unit, featuring your most frequently-used functions. Simply drag and drop icons onto the menu to act as quick links to the desired functions. The customised Short Cut menu can then act as the Home menu to your NavGate system.

ECO-FRIENDLY TRAVEL

ECO Drive is a brand new feature that monitors how economically you are driving and gives you an ECO Score based on your environmental impact*. Calculations are made on estimated average fuel consumption and road type, factoring in abrupt stops, accelerations and idle time. You can view your ECO Score during each trip on screen with the ECO Graph. Throughout the trip, the ECO Graph is regularly updated, making it easier to see how your ECO Score adapts as you drive. Apart from helping the environment, the ECO Drive feature is a great way to see how you can be more cost-effective with your fuel. The NavGate Feeds application also lets you see how efficient you are on the road. Detailed reports include estimates of the fuel cost for specific routes and your vehicle's CO₂ emissions. The application can also analyse driving habits over a period of time to give you suggestions on how to be more economic with your fuel.

* ECO Drive's calculations are an estimate of the real-time fuel consumption to average fuel consumption ratio and do not represent an actual value. ECO Drive's calculations take into account the location of the GPS position and speed of the vehicle when determining a value. Indications of this unit may be different from the actual value. Some features of this device do not take into account the type of vehicle it is installed in.



NAVGATE FEEDS FOR YOUR PC

With the NavGate Feeds PC application, navigation is now customisable. This free software offers a range of interesting features to let you get even more from your NavGate system. Find your own POIs from a range of sources, such as Google Maps™ mapping service*, internet POI sites and geotagged images, and add them to your system's maps using an SD card or USB device. The Drive Report feature gives you a detailed overview of all of the trips you've made, which is great when having to calculate your travel expenses. NavGate Feeds also features an image editor, which lets you create a start-up screen and POI icons. Learn more and download NavGate Feeds at www.pioneer.eu/navgatefeeds





*Google Maps is a trademark of Google Inc.



Plan your route before stepping into your car. NavGate Feeds is now available as an application for smartphones. Use your mobile to find locations on the internet, or take locations from geotagged images taken with the application, and transfer them to your NavGate system via the Bluetooth connection. The new locations can then be selected as destinations on your NavGate unit, and the routes will be automatically generated. The downloadable application is available for a range of smartphones. Find out more and download the application at www.pioneer.eu/feedsforsmartphone



MusicSphere

Want your music to suit your mood? MusicSphere, Pioneer's brand new software application for iTunes, uses your iTunes library to automatically create mood-based playlists of your music*. These playlists can then be transferred to your iPod or iPhone and played on your NavGate device. MusicSphere analyses the music in your entire iTunes library and makes playlists at your command. Choose certain moods, such as bright, energetic or gloomy, and MusicSphere will create playlists to suit. You can also create non-stop mixes of your music, adding transient effects between your songs. Once your iPod or iPhone has been connected to your NavGate system, you can access the MusicSphere playlists using the interactive 3D Sphere interface. The Sphere shows all MusicSphere playlists stored on your iPod or iPhone. Simply use your finger to rotate and select. To discover more about MusicSphere, go to www.pioneer.eu/musicsphere

* This feature is not available for the AVIC-F320BT/3210BT.







NAVIGATION AV SYSTEMS



AVIC-F20BT

NAVIGATION DVD AV SYSTEM





































THE SUPERIOR CHOICE

If you're serious about having the finest components in your car, the AVIC-F20BT is your ideal match. Explore Europe with fast and ultra-precise 2D and 3D navigation guidance. Experience your music in finer detail with the select range of high-end audio components. Enjoy your videos and movies on the superior 7-inch Touch Screen. Benefit from wireless telephony and music streaming with the built-in Parrot Bluetooth module. Use Voice Recognition to search for addresses and switch between your audio sources. The most advanced NavGate system to date leaves nothing to be desired.

THE PERFECT TRAVEL PARTNER

The AVIC-F920BT is the ideal on-road assistant. This all-in-one system not only gets you there, it gives you a complete range of navigation, communication and entertainment possibilities along the way. Highly accurate navigation route guidance, upto-date traffic information, built-in Bluetooth Wireless Technology for hands-free telephony and audio streaming, a host of AV playback possibilities, including direct control of your iPod, iPhone and files from microSD and USB: everything you could want on your journey has been catered for. This high-end NavGate system takes the stress away from travelling on the road, so you are free to explore, talk and play your own way.









































CUSTOM-FIT NAVIGATION

Our 2010 NavGate line-up includes a range of custom-fit solutions, built for specific car brands. These units offer the smoothest possible integration into your car. They have been designed to perfectly match the shape, colour and texture of your car's dashboard, so your system will have the appearance of an OEM unit while having all of the added benefits NavGate brings to your journeys.

CUSTOM BUILT FOR VW, SKODA AND SEAT CARS



AVIC-F9210BT

NAVIGATION DVD AV SYSTEM

THE AVIC-F9210BT HAS THE SAME FEATURES AS THE AVIC-F920BT, BUT IS CUSTOM BUILT FOR VW, SKODA AND SEAT CARS.

CUSTOM BUILT FOR FORD CARS



AVIC-F9220BT

NAVIGATION DVD AV SYSTEM

THE AVIC-F9220BT HAS THE SAME FEATURES AS THE AVIC-F920BT, BUT IS CUSTOM BUILT FOR FORD CARS.

TAKE A NEW ROUTE

Looking to make that first upgrade to an all-in-one navigation and entertainment system? Let us introduce the AVIC-F320BT. This 2-DIN NavGate System gives you advanced 2D and 3D navigation, connection to all of your portable audio sources and Bluetooth hands-free telephony. Its clever design emphasises intuitive, user-friendly control, while its 4.3-inch Touch Screen can be easily detached and taken inside overnight. You can also play compressed video via SD using NavGate Application, Pioneer's downloadable set of NavGate features. As a finishing touch, the button illumination colour can be customised to perfectly match the colour of any dashboard illumination, using the NavGate Feeds PC application.



AVIC-F320BT

NAVIGATION CD AV SYSTEM































NAVGATE APPLICATION

Enjoy video and photo playback from your AVIC-F320BT thanks to NavGate Application, a downloadable set of features for your NavGate system. The video player lets you to watch compressed video formats (MPEG4/H.264) from SD right on your AVIC-F320BT's screen, while the picture viewer allows you to see slideshows of your favourite photographs with cool transitional effects in between each image. There's also a wide selection of clock displays to act as your system's background visual.

CUSTOM BUILT FOR VW, SKODA AND SEAT CARS



AVIC-F3210BT

NAVIGATION CD AV SYSTEM

THE AVIC-F3210BT HAS THE SAME FEATURES AS THE AVIC-F320BT, BUT IS CUSTOM BUILT FOR VW, SKODA AND SEAT CARS.

For added convenience, the AVIC-F3210BT has a built-in Source Tray to store your iPod, USB stick or other portable audio device while it is connected







WELCOME TO THE NEXT LEVEL

Take charge of your in-car enjoyment. Our 2010 headunits will take your life on the road to a new level. There's something for every need, whether you're looking for a complete in-car multimedia experience or just a convenient way to play your music collection on the go. Are you ready for a new experience?

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2010 HEADUNIT FEATURES

iPod AND iPhone DIRECT CONTROL

Control your iPod or iPhone directly from your Pioneer headunit. iPod and iPhone Direct Control is the easiest way to take charge of your iPod music and videos from behind the wheel. Simply connect your iPod device straight to your headunit's USB terminal, and you're set. You can search artists, albums and playlists and select music and videos using your headunit's controls. As a handy extra your iPod or iPhone will charge while connected. Pioneer's line-up features headunits for both iPod music and iPod video playback.







The iPod and iPhone Direct control feature is available wherever you see the "Made for iPod" and "Works with iPhone" logos.

PARROT BLUETOOTH WIRELESS TECHNOLOGY

Call safely on the road. Our new Bluetooth headunits feature a built-in Parrot Bluetooth module, so you can have the convenience of hands-free telephony in your car. Easily control your calls with your headunit's controls and automatically transfer your phone contacts when getting into your car. All Bluetooth units come with an external microphone.





MUSIC AND VIDEO FROM SD AND USB

Take your complete music and video collections in your car. Pioneer offers a range of models with SD and USB playback for both audio and video files. All major file formats are supported. So now it takes just one SD card or USB device to get the most enjoyment from your time on the road.











NAVGATE READY

Our new 2010 DVD Multimedia Stations are all NavGate Ready, which means you can enhance your AV system with fast and precise navigation capabilities. Just connect Pioneer's AVIC-F220 NavGate Upgrade Unit and have the whole of Europe at your fingertips.







8-BAND GRAPHIC EQUALISER (GEQ)

Like to tune your audio levels to your personal taste? Pioneer's 8-band GEQ* lets you take control of your in-car sound. Adjust 8 separate frequency bands to set your equalisation levels to match your musical style. The 8-band GEQ also includes 5 preset equaliser curves, which can be recalled at any time.

AUTO EQ

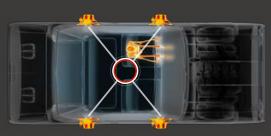
Let your system take care of your sound. Pioneer's new Auto EQ* feature monitors and analyses the acoustics inside of your car** and uses the measurements to automatically adjust your audio equalisation levels. Using a 3-band parametric equaliser, Auto EQ adjusts the front and rear speakers separately. The result is audio perfectly suited to your in-car environment.

ADVANCED SOUND RETRIEVER (ASR)

Experience your compressed music like never before with Pioneer's Advanced Sound Retriever. By restoring harmonics lost during compression, the ASR enhances the quality of your compressed audio files, revitalising the density and presence of the compressed signal. So you can enjoy all of your music in its original richness and detail.

SONIC CENTER CONTROL

To get the best sound experience from an audio system, the listener should always be positioned in the sonic centre of the system. This can only be achieved when all speakers are located at the same distance from the listener's ears. In a car with door-mounted speakers, achieving this ideal listening position is difficult because a driver is always located closer to the speakers in one side of the car. To solve this, Pioneer has developed Sonic Center Control*. This advanced audio feature adjusts the timing of selected speakers to shift the sonic centre of the system to a specific area of the car. You simply choose where you want the optimum listening position to be, and the system will automatically adjust the speaker timing to make it happen. The result is an optimum sound experience every time.



Before Sonic Center Control



After Sonic Center Control

^{*} This feature is only available for 2010 DVD Multimedia Stations and Digital Media Centres.

MENU CUSTOMISATION

Get quick access to your most frequently used features and functions by creating your own customised 'Favourites' menu* for your headunit. Simply activate the 'Favourites' icon next to your most-used features and functions, and they are automatically added to your custom menu.

BACKGROUND SELECTION

Like variety in your in-car system? Now you can select a range of different background designs and colours for your headunit's screen*. Choose from 6 animated background designs and change the colour to suit your car interior. There's also a spectrum analyser, with animated equaliser bars that move to your music, and a range of digital and analogue clock designs. For a more personal touch, you can also set one of your own photographs as the background display.



PHOTO SLIDESHOW

View a slideshow of your own photographs right on your headunit*. Simply select your images from the desired source — SD, USB or data disc — and enjoy the show. You can even add your favourite music to each slideshow**.



COLOUR CUSTOMISATION

Perfectly integrate your headunit into your dashboard. Colour Customisation* allows you to change the screen and button colours of your unit. A selection of pre-set colours is available, while custom colours can also be created for the button illumination using the RGB colour selector. Choose any colour within the RGB spectrum to match your existing dashboard illumination. Custom colours can be saved in the system and recalled at any time.

DVD MULTIMEDIA STATIONS

Want a complete in-car entertainment system? You've come to the right place. Our brand new DVD Multimedia Stations offer the ultimate in multimedia possibilities. It's all here: high-quality audio and video from CD and DVD, Bluetooth Wireless Technology, advanced AV functions and the flexibility to connect all of your portable sources, like iPod, iPhone, SD and USB. All models feature our brand new, intuitive graphical user interface and bold LCD Touch Screens for easy control. Customisable button illumination, personalised menus and a variety of background designs also allow you to match your system to your own taste. Enjoy the show.



AVH-5200DVD

Optional remote control (CD-R55) available.

DVD MULTIMEDIA STATION



























Optional remote control (CD-R55) available.

DVD MULTIMEDIA STATION WITH BLUETOOTH
THE AVH-5200BT HAS THE SAME FEATURES AS THE AVH-5200DVD, BUT ALSO
FEATURES BUILT-IN BLUETOOTH WIRELESS TECHNOLOGY.





EASY CONTROL OF YOUR MULTIMEDIA

Our 2010 DVD Multimedia Stations feature a brand new user interface for fast and intuitive control of your whole in-car entertainment system. Through your Multimedia Station's Touch Screen, you can easily take charge of all of your music, videos and audio features. Tabbed menus let you quickly navigate around your system, while Quicklinks allow you jump to your source menu or iPod Songs, Artists and Albums lists with one touch of the screen. Using Slide Touch, you can browse through these lists simply by sliding your finger over the screen, while ABC Search lets you jump to a certain letter in a list.





Easy operation of advanced audio features, such as Sonic Center Control

FULLY DETACHABLE FACE

For your peace of mind, the AVH-5200BT and AVH-5200DVD have a detachable face. Simply unclip the faceplate to leave a blank panel in your car.



FULLY MOTORISED TOUCH SCREEN

At the touch of a button, the AVH-5200BT and AVH-5200DVD open to reveal a brilliant Foldaway 7-inch QVGA Touch Screen. Fully motorised, the display opens and folds away when needed. So, you get the benefit of having a 1-DIN unit, without having to sacrifice on screen size.





	AVH-5200D	AVH-5200B
MEDIA CONNECT	IVITY	
Bluetooth Wireless Technology		•
SD Card Slot	•	
Front USB	•	•
iPod & iPhone Direct Control (music and video)		
Front Aux-in	•	•
SYSTEM EXPANS	SION	
NavGate Ready*	•	•
1 Video Output	•	
2 Video Inputs	•	•
Back-up Camera Input		
3 RCA Pre-outs	■	•
High Voltage Output	•	
Direct Subwoofer Drive	■	•
HIGH-QUALITY A	UDIO	
MOSFET 50 W x 4 Amplifier	•	•
RDS Tuner	•	
8-band GEQ	•	•
Sonic Center Control	•	
Auto-EQ	•	•
Advanced Sound Retriever	•	
High Pass Filter/ Low Pass Filter	•	•
Source Lovel Adjuster		

INTEGRATION	&	CONTROL	

١	QVGA Touch Screen
	Menu Customisation
ı	Colour Customisation
	Background Selection
ı	Dual Zone
	Multi-language

- * \/:- \\/!C F220
- ** English, Spanish, Portuguese and Russian



AVH-P4200DVD

DVD MULTIMEDIA STATION



















Optional remote control (CD-R55) available.









3 RCA PRE-OUTS

Boost your audio performance with RCA Pre-outs. Connect amplifiers, speakers and subwoofers to expand your audio system and create the sound that's right for you. Our new DVD Multimedia Stations all feature 3 RCA Pre-outs for complete flexibility when it comes to building your in-car multimedia set-up.

HIGH-VOLTAGE OUTPUT

By providing a strong signal, with less noise and more definition, Pre-outs with High-voltage Output reduce demand on the input circuit of amplifiers so they can work with lower gain settings. This results in improved sound quality and a wider dynamic range.

CD-BTB200

BLUETOOTH ADAPTER

Enjoy hands-free telephony and audio streaming with your AVH-P4200DVD. By connecting the CD-BTB200 Bluetooth Adapter, the AVH-P4200DVD will automatically pick up your Bluetooth-enabled* mobile phone's signal. You can then control all calls and select music from your mobile phone with the headunit's 7-inch touch screen.





^{*} See if your phone is compatible at www.pioneer.eu



AVH-3200DVD

Optional remote control (CD-R55) available.

DVD MULTIMEDIA STATION



























AVH-3200BT

Optional remote control (CD-R55) available.

DVD MULTIMEDIA STATION WITH BLUETOOTH
THE AVH-3200BT HAS THE SAME FEATURES AS THE AVH-3200DVD, BUT ALSO
FEATURES BUILT-IN BLUETOOTH WIRELESS TECHNOLOGY.







DISCOVER MORE: WWW.PIONEER.EU

AVH-3200DVD MEDIA CONNECTIVITY SD Card Slot Front USB Rear USB* iPod & iPhone Direct Front Aux-in Rear Aux-in SYSTEM EXPANSION 1 Video Output 2 Video Inputs 3 RCA Pre-outs High Voltage Output HIGH-QUALITY AUDIO MOSFET 50 W x 4 Amplifier RDS Tuner 8-band GEQ High Pass Filter/ Low Pass Filter INTEGRATION & CONTROL Slide-down 7-inch 5.8-inch QVGA

- * USB cable include
- ** Via AVIC-F22
- *** Via CD-BTB20
- **** English, Spanish, Portugues and Russian

THE NAVGATE UPGRADE

Add the power of NavGate to your DVD Multimedia Station. The AVIC-F220 lets you boost your multimedia system with the navigation capabilities of our NavGate systems. Simply connect the hideaway box to one of our new 2010 Multimedia Stations and start exploring.



AVIC-F220 Navgate upgrade unit















COMPLETELY FLEXIBLE

The AVIC-F220 can be mounted in any direction, giving a range of options when it comes to putting it in your car. Sit it on the arm rest, put it in the glove box – whatever suits you best. The sleek and stylish main unit is detachable, so you don't have to leave it in your car overnight. Just slip it in your pocket and take it inside. This detachable unit can also be connected straight to your PC or laptop for NavGate Feeds updates.



GET SET TO EXPLORE

The AVIC-F220 enhances your DVD Multimedia Station with fast and precise route guidance and Tele Atlas map coverage for 44 European countries. An external Traffic Message Channel (TMC) receiver is included for up-to-date traffic information on the road, while the ECO Drive feature analyses how economically you drive and helps you cut your fuel usage. The unit is compatible with Pioneer's NavGate Feeds PC application, allowing you to customise your maps with Points Of Interest you find on the internet or in geotagged photographs. NavGate Application, a downloadable set of NavGate features, lets you get even more from your DVD Multimedia Station. A picture viewer allows you to create photo slideshows with a range of cool transitional effects between your photos, while the clock application gives you an even wider selection of clock designs to display on your unit's screen.







THE 1-DIN NAVIGATION SOLUTION

By using the AVIC-F220 in combination with the AVH-5200BT or AVH-5200DVD you get all of the benefits of an in-dash navigation system from a 1-DIN slot. Thanks to their fully motorised, 7-inch Foldaway Touch Screens, these headunits give you the benefit of large and clear route guidance and easy Touch-Screen operation, without you having to install a 2-DIN system.



DIGITAL MEDIA CENTRES

Welcome to the revolution in car sound systems. Don't want to take your CDs or DVDs in your car? Then our brand new Digital Media Centres are for you. The MVH-8200 and MVH-8200BT are designed specifically for the sources you use the most, whether it's iPod, iPhone, USB, SD or other portable video and music sources via Aux-in. They offer complete flexibility when it comes to file playback, so it's now possible to take all of your music and videos in your car. The MVH-8200BT also features Bluetooth Wireless Technology for hands-free telephony. With intuitive Rotary-Commander control and a 3-inch Full-colour TFT Display, our Digital Media Centres are the perfect partners for enjoying your multimedia on the road. Step into the future.



MVH-8200BT

Bluetooth

RDS DIGITAL MEDIA CENTRE WITH BLUETOOTH

BUILT-IN BLUETOOTH WIRELESS TECHNOLOGY.

THE MVH-8200BT HAS THE SAME FEATURES AS THE MVH-8200, BUT ALSO FEATURES

Optional remote control (CD-R320) available



STRAIGHT TO THE SOURCE

Get music and video playback from all of your favourite sources in your car. Our brand new Digital Media Centres are designed to work in perfect harmony with your portable devices and digital formats. Connect your iPod or iPhone, or insert a USB device or SD card, and experience high-quality music and video playback, high-speed browsing and completely intuitive control, right from behind the wheel. It's time to head for the source of your in-car enjoyment.

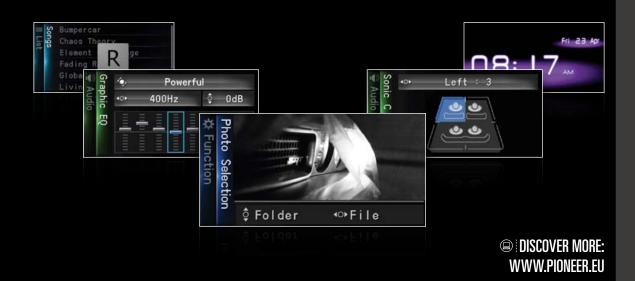


INTUITIVE ROTARY-COMMANDER CONTROL

The user interface of our Digital Media Centres has been designed to work in harmony with the units' Rotary Commander. Perform an ABC Search of your iPod music and videos, browse through lists at high speed and quickly jump to new functions, all by using the one dial. Thanks to the 3-inch TFT Display, controlling all functions is even more intuitive.

3-INCH FULL-COLOUR TFT DISPLAY

Our Digital Media Centres feature a 3-inch Full-colour TFT Display, allowing high-quality video playback. You can also view your iPod album art while playing music from your iPod or iPhone and change your background and screen colours.



CD RECEIVERS

There's no more compromising when it comes to enjoying your music in your car. Our 2010 CD Receivers give you the flexibility to focus on the things you find important in a car sound system. There's a whole range of different models for different needs. You can take your entire music collection on the road thanks to playback of your iPod, iPhone, USB devices and SD cards. Enjoy stress-free communication with Bluetooth hands-free telephony. Connect extra amplifiers, speakers and subwoofers, and build your ideal system. Tweak your sound with advanced audio features to suit your personal taste. Take a drive with Pioneer, and put your music first.



DEH-7200SD

Optional remote control (CD-R320) available.

CD RDS RECEIVER













FLAP-TYPE FRONT PANEL

The DEH-7200SD features a Flap-type Front Panel. At the push of a button, the unit's front panel flips open to reveal slots for your CDs and SD cards. Once your format has been inserted, you can flip the panel back into place to maintain the smooth, clean look of your car dashboard.

SD CARD SLOT

Take your entire music collection on the road. Pioneer's SD CD Receivers each have an SD Card Slot discreetly hidden behind their front panels. So now you can simply insert an SD or SDHC card filled with your favourite tracks. There's no more worrying about having to leave your CD collection or portable audio player in the car; just transfer your tunes to the SD card, and leave it in the slot. With all 2010 SD CD Receivers you can play back a host of file formats from SD, including MP3, WMA, WAV and AAC files. It's the most convenient way to take all of your music on the go.





DEH-6200BT

Optional remote control (CD-SR110) available.

CD RDS RECEIVER WITH BLUETOOTH













WAV AAC







DEH-5200SD

Optional remote control (CD-R320) available.

CD RDS RECEIVER















FULL-DOT BLUE OEL DISPLAY

With the Full-dot Blue OEL (Organic Electro-Luminescent) Display, taking charge of your music becomes even easier. Three lines of information make it more convenient to search and select tracks from sources such as SD, USB, iPod or iPhone. OEL technology also allows for wide viewing angles, active 3D visuals and high contrast and brightness even in sunlight.



DEH-6200BT MEDIA CONNECTIVITY Wireless Technology SD Card Slot Front USB iPod & iPhone Direct Front Aux-in SYSTEM EXPANSION 3 RCA Pre-outs 2 RCA Pre-outs High Voltage Output Subwoofer Drive HIGH-QUALITY AUDIO 50 W x 4 Amplifier **RDS Tuner** 5-hand GFO High Pass Filter/ Low Pass Filter INTEGRATION & CONTROL Full-dot Blue **NFI** Display **OEL Display** Flap-type

English, French, German, Italian, Spanish, Dutch and Russian



DEH-4200SD

Optional remote control (CD-R320) available.

CD RDS RECEIVER











MP3 MAV AAC



DEH-3200UB

CD RDS RECEIVER











WAV AAC

5-BAND GRAPHIC EQUALISER (GEQ)

Take control of your in-car sound. Pioneer's 5-band GEQ lets you adjust 5 separate frequency bands, so you can set equalisation levels to perfectly match the acoustics of your car and suit your personal taste. For ease of use, the 5-band GEQ has 7 preset equaliser curves, which can be recalled at any time.

FRONT USB

A Front USB input makes it even more convenient to enjoy your portable music players on the road. Now you can quickly and easily connect your USB devices directly to your CD Receiver's front panel*. This takes the stress away from adding new sources while driving.





DEH-2200UB/2200UBB/2220UB

CD RDS RECEIVER





The DEH-2200UBB features a blue display.



DEH-2220UB

The DEH-2220UB features green button illumination.



DEH-1200MP/1220MP

CD RDS RECEIVER

MP3





The DEH-1220MP features green button illumination.



FRONT AUX-IN

With Front Aux-in you can hook up a range of portable audio devices to your Pioneer CD Receiver using a mini-jack cable*. So now you can enjoy even more of your music collection on the road.



 * Connect your portable devices to your CD Receiver's Front Aux-in terminal using the optional CD-V150M cable.

MEDIA CONNECTIVITY SD Card Slot Front USB iPod & iPhone Direct Front Aux-in SYSTEM EXPANSION 1 RCA Pre-out Direct Subwoofer Drive HIGH-QUALITY AUDIO 50 W x 4 Amplifier **RDS Tuner** 5-hand GEO High Pass Filter/ INTEGRATION & CONTROL

* DEH-2200UB, DEH-2200UBB and DEH-2220UB

** DEH-1200MP and DEH-1220MP

ACCESSORIES

Enhance your drive with our range of headunit accessories.

BACK-UP CAMERAS

Get a better view of what's happening behind your car when in reverse. Our Back-up Cameras capture a wide-angle image of the area behind your car and project it onto your in-car screen, giving you more piece of mind in those tricky situations.



ND-BC4

HIGH-SENSITIVITY UNIVERSAL BACK-UP CAMERA

The ND-BC4 features a high-sensitivity lens with a sight line of 135 degrees and an embedded chip which automatically adjusts brightness in light or dark driving conditions.

Available for the AVIC-F20BT, AVIC-F920BT, AVIC-F9210BT, AVIC-F9220BT, AVH-5200DVD, AVH-5200BT, AVH-94200DVD, AVH-3200DVD and AVH-3200BT.

ND-BC20PA

UNIVERSAL BACK-UP CAMERA WITH VISUAL DSP UNIT

The ND-BC20PA incorporates a visual DSP unit, which eliminates any wide-angle distortion effect. The camera also features 'Parking Guidelines' for easier reverse parking.

Available for the AVIC-F20BT, AVIC-F920BT, AVIC-F9210BT, AVIC-F9220BT, AVH-5200DVD, AVH-5200DVD, AVH-9200DVD, AVH-9200DVD and AVH-9200BT.

REMOTE CONTROLS

Our optional remote controls offer a convenient way to operate your Pioneer headunit from behind the wheel. Simply check which remote is compatible with your headunit.



CD-R55

AV REMOTE CONTROL

 $A vailable\ for\ the\ AVH-5200DVD,\ AVH-5200BT,\ AVH-P4200DVD,\ AVH-3200DVD\ and\ AVH-3200BT.$

CD-R320

CARD-TYPE REMOTE CONTROL

Available for the MVH-8200, MVH-8200BT, DEH-7200SD, DEH-6200BT, DEH-5200SD and DEH-4200SD.



CD-SR110

STEERING WHEEL REMOTE CONTROL WITH BLUETOOTH OPERATION

Available for the AVH-5200BT, AVH-3200BT, MVH-8200BT and DEH-6200BT.



CD-SR100

STEERING WHEEL REMOTE CONTROL

Available for the AVH-5200DVD, AVH-P4200DVD, AVH-3200DVD, MVH-8200, DEH-7200SD, DEH-5200SD and DEH-4200SD.

iPod AND iPhone DIRECT CONTROL CABLES

Use one of these cables to connect your iPod or iPhone directly to your headunit, and enjoy complete control while you are driving. Get a detailed overview of iPod and iPhone compatibility with Pioneer headunits at www.pioneer.eu











The CD-IU50 supports playback of iPod music.

Connects to the AVIC-F320BT, AVIC-F3210BT, DEH-7200SD, DEH-6200BT, DEH-5200SD, DEH-4200SD and DEH-3200UB.

The CD-IU50V supports playback of iPod music and video.

Connects to the AVIC-F20BT, AVIC-F920BT, AVIC-F9210BT, AVIC-F9220BT, AVH-5200DVD, AVH-5200DT, AVH-3200DVD, AVH-3200BT, MVH-8200 and MVH-8200BT.



iPod VIDEO CABLE

The CD-IU200V supports playback of iPod music and video

Connects to the AVH-P4200DVD.

USB EXTENSION CABLE

The CD-U50E USB extension cable makes it safer to connect your USB devices to your headunit's Front USB terminal. The 50 cm cable brings the USB connection closer to you, which makes it more convenient to change sources while driving.

BLUETOOTH ADAPTER

Connect the CD-BTB200 Bluetooth Adapter to your headunit and get handsfree telephony and audio streaming in your car.



Connects to all Pioneer headunits with a Front USB terminal.

Bluetooth



BLUETOOTH ADAPTER Connects to the AVH-P4200DVD.



AUX CABLES

With these mini-jack cables, your headunit's Aux-in terminal opens up a wide range of connection possibilities.



MINI-JACK AV CABLE

The CD-V150M cable lets you connect a range of external sources, such as portable audio and video players, to your headunit's Aux-in connection.

Connects to all headunits with an Aux-in connection

CD-RM10

MINI-JACK RCA AV CABLE

The CD-RM10 allows you to connect an external video device or portable audio player (e.g., digital stills camera, camcorder, games console, portable AV player, music player or music phone).

Connects to all DVD Multimedia Stations.





SUPERIOR SOUND

Good music needs to be heard in the best quality possible. That's why we have created a range of superior audio products that takes sound quality to new heights. Think of our TAD professional studio loudspeakers, which are revered by sound engineers worldwide for delivering the pinnacle in sound reproduction. We used the same sound philosophy when designing our in-car range. Our Optical Digital Reference System and RS Speakers are the benchmark for in-car sound quality for pros on the car audio competition scene. Utilising the most advanced technologies and quality materials, these high-end components deliver the purest sound on the market.



40 AUDIOPHILE COMPONENTS

You are passionate about creating perfect audio. You love piecing together a range of separate components to find that perfect symbiotic whole. You demand high-quality products that can take your audio experience to the next level. Pioneer's Optical Digital Reference System and Pioneer Reference Series are perfect for you. These systems have been built to meet the demands of even the hardest-to-please audiophiles as they strive for perfect in-car audio. Are you ready to take your passion to a new level?



48 AUDIO ENTHUSIAST COMPONENTS

You care about music. It's part of your everyday life. You know there is nothing quite like listening to your favourite song or album on the road. But is your car stereo really getting the best out of your music? Pioneer offers a range of solutions to make high-quality audio attainable to you. Whether you are looking for best-in-class sound, superior space-saving and easy-installation solutions or simply an upgrade in quality from your original factory-installed speakers, there's something here for you.

PERFORMANCE AUDIO

It's all about the performance. That's the basis we start from when designing our tuning products. Whether it's for competing in the toughest Sound Pressure Level competitions or showing off on the street, the best equipment is needed to make a lasting impression. The same approach is used when creating our ProDJ equipment. Designed using feedback from professional DJs, who are required to give a top performance night after night, the resulting products offer the reliability and quality they stake their reputation on. Our audio tuning products are built with input from professional SPL competitors, who are in the driving seat when it comes to knowing exactly what is required to put in an ultimate performance.

64 PRO SPL

Sound Pressure Level competitions are all about power and reliability. It's on this stage where audio products are put to the test; if the equipment is not of the highest quality, it just won't make the cut. That's why Pioneer is a top choice for pro SPL competitors. Our SPL amps and subs are regular performers on the international stage for one simple reason: rock-solid, reliable power.



68 STREET TUNING

Loud music belongs on the street, where everyone can hear it. An impressive audio performance requires equipment with attitude. Nothing has more attitude than Pioneer's street tuning products. Stylishly designed and full of power, our tuning subs, amps and speakers are ready to carry your sound to new heights.



A PASSION FOR PURE AUDIO

True audio excites and enthrals us. It's our passion; a passion that continually pushes us to create products that can exceed the limits of sound purity. Our success on the high-quality sound competition scene is testament to this fact. Audiophiles and audio enthusiasts alike recognise our Superior Sound products as providing the purest sound around. That's why we have always been the first choice for those who care about music.

- AUDIOPHILE COMPONENTS
- OPTICAL DIGITAL REFERENCE SYSTEM
- RS SPEAKERS
- HIGH-END PIONEER REFERENCE SERIES
- HIGH-QUALITY PIONEER REFERENCE SERIES





- **AUDIO ENTHUSIAST COMPONENTS**
- TS-E SPEAKERS
- SUPERIOR SPACE-SAVING SOLUTIONS
- BASS FOR ANY SPACE
- CUSTOM-FIT SOUND
- TS-G SPEAKERS

THE SUPERIOR SOUND SPECIALISTS

TEAM PIONEER

We'd like to introduce our very own team of audiophiles: Team Pioneer. Consisting of the best car audio installers Europe has to offer, the team regularly competes in the scene's most demanding sound challenges. To get success at the highest level, Team Pioneer needs the best audio components around. That's where we come in. It's the perfect partnership. While Team Pioneer competes using our top-quality audio components, we get valuable insight into how our products perform on the biggest stage.









2009 COMPETITION RESULTS

In the 4 years since its inauguration, Team Pioneer has come to dominate the European competition circuit. 2009 was no different. It was a year of top performances in all major national and European competitions, culminating in success in 2009's toughest high-quality sound competition: the EMMA (European Mobile Media Association) European Finals in Rotterdam, The Netherlands.

ALL 2009 COMPETITIONS:

184 cups in all competitions

- ▶ 109 first-place cups
- ► 52 second-place cups
- ► 23 third-place cups

2009 EMMA EUROPEAN FINALS:

3 European champions

8 vice European champions

6 third-place finishes

2009 NATIONAL FINALS:

21 national champions

3 vice national champions

THE PURSUIT FOR PERFECT IN-CAR SOUND

Team Pioneer is dedicated to the pursuit of perfect in-car sound. And it's a quest we share with them. High-quality sound competitions are about reproducing music as close to the original as possible. The goal is sound purity, not to be the loudest or most powerful. Team Pioneer's accomplishments at this level are down to the winning combination of our superior audio components and their installation expertise. Time and time again the team's success has proven our Superior Sound products are the best in their class for producing pure sound.

BENEFIT FROM THE SUCCESS

While Team Pioneer keeps winning, our engineers keep learning. High-quality sound competitions are a test field for our products. We get to see how our audio components react under the hardest conditions and strictest scrutiny. The knowledge we gain is applied throughout our whole audio range. So you are always guaranteed the best quality possible for your





OPTICAL DIGITAL REFERENCE SYSTEM

Want to reach the pinnacle of in-car sound? The Optical Digital Reference (ODR) System is the only way to experience pure audio in your car. The result of our quest for perfect in-car sound, the ODR System is a masterpiece of design and engineering. The secret is the digital connection between all system components, allowing clear and vivid audio of the finest standard. Welcome to the car sound system you've always dreamed of.



Remote control included.

RS-D7RII

SYSTEM CONTROL CD TUNER



PURE SOUND PERFECTION

The ODR System makes pure sound possible because of the optical digital connection between system components. Amplifiers can be connected to the headunit digitally, which preserves the audio signal and completely eliminates distortion. This guarantees the most accurate transmission of the audio to the speakers, giving you an unrivalled experience of sonic purity.



RS-A7

DIGITAL POWER AMPLIFIER







AXM-P90RS

AUDIO MASTER UNIT



UPGRADE TO PURE AUDIO

If you have a factory-installed headunit that can't be easily replaced, the AXM-P90RS is the easiest way of achieving the highest-quality car audio. With this unit you can create a full-blown sound system tailored specifically to your musical taste and car interior. For the perfect combination, use the AXM-P90RS with the RS-P90 Universal Digital Pre-amplifier, to realise the ideal sound field of your car.

RS-P90

UNIVERSAL DIGITAL PRE-AMPLIFIER









DIGITAL PRE-AMP/EQUALISER

PIONEER

THE CHOICE OF CHAMPIONS

The ODR system is the foundation for some of Europe's best car installs. Our 2009 European champions, Dirk Wölfinger, Ketil Skjei and Ivan Izraylev, all won on Europe's biggest stage with ODR components. At the 2009 EMMA European Finals, all achieved top marks in their respective categories, earning the honour of being Europe's best.









RS SPEAKERS

RS Speakers are designed to reproduce sound in its purest form and are the perfect complements to the ODR System. Handcrafted by skilled technicians, RS Speakers can guarantee the most natural and faithful reproduction of the audio input signal. Your music will come alive, with every sound resonating in rich texture. This is audio like you've never heard it before.



TS-T01RSII

3.5 CM SUPER WIDE-RANGE TWEETER





TS-S01RSII

7.7 CM MIDRANGE

PIONEER

THE FIRST CHOICE

It's no coincidence that so many Team Pioneer members choose RS Speakers for their systems. Competitors in high-quality sound competitions need components they can rely on for repeated performances. And when it comes to getting the purest, clearest sound time after time, nothing comes close to our RS components.











HIGH-END PIONEER REFERENCE SERIES

The High-end Pioneer Reference Series (PRS) is known for producing smooth and pure sound that exceeds anything else in its category. That's why it remains to be the system of choice for competitors on the high-quality sound circuit. Combining the most advanced components with innovative technologies and superior materials, this truly superior system produces precise and powerful sound that's completely in a class of its own. Ready to experience car audio of a higher level?





Remote control included

DEX-P99RS

COMPONENT CD RDS TUNER



EUROPE'S BEST

The DEX-P99RS has been given the prestigious "European In-car High-end Component for 2009-2010" award by the European Imaging and Sound Association (EISA). It was praised for being "the first ever self-contained head unit that is truly high-end". EISA is the largest editorial multimedia organisation in Europe, with members of 50 multimedia and electronics magazines. Each year they give awards to outstanding products and technologies from a wide range of audiovisual product categories.



4-WAY DIGITAL CROSSOVER NETWORK

The DEX-P99RS features the most precise sound tuning capabilities available in a headunit. The left/right independent 4-way Digital Crossover Network allows adjustment of the Cutoff Frequency, Cutoff Slope, Level and Phase for four separate bands (low, mid, high and subwoofer). This keeps transitions between frequency ranges sounding smooth and lets each speaker in a multispeaker system reach its full potential. The Crossover Network and Auto Time Alignment feature allow for each band to be precisely tuned, giving you perfectly balanced acoustics for the ultimate in-car sound.

32-BIT BINARY FLOATING-POINT DSP

The DEX-P99RS features a 32-bit Binary Floating-point DSP for highly precise and fast sound processing. The use of a "Floating-point" DSP allows for significantly higher accuracy, especially at high frequencies and low signal levels.

SOUND MASTER CLOCK CIRCUITRY

The most advanced integrated circuits require superior clock signal quality to handle digital data accurately at ever-higher speeds, without any distortion. Inherited from ODR technology, the new Sound Master Clock Circuitry in the DEX-P99RS generates clock waveforms to read and process digital signals with extraordinary precision and eliminate jitter noise in transmission. The result is astonishingly clear audio reproduction of the highest quality.

iPod AND iPhone DIRECT CONTROL VIA USB

Enjoy playback of your iPod or iPhone music via the DEX-P99RS's USB terminal. Digital Direct Transmission directly transfers the digital signal from your iPod to the DSP for high-quality sound reproduction. For ultimate convenience, your iPod or iPhone can also be controlled from the headunit.



AN EXCLUSIVE PERFORMANCE

Designed and built for serious audiophiles, our new PRS Speakers produce extremely smooth and accurate sound, backed by competition-grade power. This perfect balance of grace and force enables these high-end speakers to output extremely expansive, multidimensional sound, with all musical nuances reproduced in rich detail. While their performance is far from ordinary, our PRS Speakers can be installed as easily as conventional speakers. The inner-magnet design of the woofer allows for a much smaller basket, so the speakers can be integrated in a wide range of car doors. This makes them the perfect competitionlevel speakers for everyday use.



TS-S062PRS

60 W MAX.

6.6 CM MIDRANGE DRIVER 15 W NOMINAL INPUT POWER





PRS-A900

4-CHANNEL BRIDGEABLE POWER AMPLIFIER

4 x 100 W (4 Ω)/2 x 200 W (4 Ω) MAX. 4 x 50 W (4 Ω)/2 x 100 W (4 Ω Bridged) continuous output power





HIGH-QUALITY PIONEER REFERENCE SERIES

The High-quality Pioneer Reference Series is a regular performer on the high-quality sound circuit – for good reason. Well-known for being the best in its class for producing true and natural sound, this superior system is the perfect combination of advanced technologies, high-end sound features and elegant design. If you're looking for a finer sound performance, the High-Quality PRS always delivers.





Remote control included (card-type).

DEH-P88RSII

COMPONENT CD RDS TUNER



3-WAY DIGITAL NETWORK MODE

Switch the DEH-P88RSII to "network mode", and create your own 3-way Digital Network. Connect your external amplifiers so you can run the high, mid and low frequency ranges separately, giving more distinct separation of the three frequency ranges. This results in fuller, more natural sound and lets you get the most from each speaker in your system.



4-CHANNEL CLASS-FD AMPLIFIER 4 x 150 W (4 Ω)/2 x 600 W (4 Ω) max. 4 x 75 W (4 Ω)/4 x 150 W (2 Ω)/2 x 300 W (4 Ω) continuous output power



PRS-D220

2-CHANNEL CLASS-FD AMPLIFIER 2 x 300 W (4 Ω)/1 x 1200 W (4 Ω) max. 2 x 150 W (4 Ω)/2 x 300 W (2 Ω)/1 x 600 W (4 Ω) continuous output power



PRS-D1200M

MONO-CHANNEL CLASS-D AMPLIFIER 1 x 800 W (4 Ω)/1 x 1200 W (1 Ω /2 Ω) MAX. 1 x 400 W (4 Ω)/1 x 600 W (2 Ω)/1 x 600 W (1 Ω) continuous output power





TS-W252PRS

800 W MAX.

 $25\ \text{CM}\ 4\ \Omega\ \text{SINGLE}\ \text{VOICE}\ \text{COIL}\ \text{SUBWOOFER}\ 400\ \text{W}\ \text{Nominal input power}$



THE NEW REFERENCE FOR SOUND

Get ready to witness the new generation in pure car audio. Drawing on all of our experience on the high-quality sound competition scene, we've completed a range of PRS Speakers to offer the ultimate sound experience. Comprising a component speaker set, a 6.6 cm midrange driver and 25 cm subwoofer, the new PRS line-up offers the perfect blend of components for any high-end audio system. Based on our Open & Smooth™ Concept, the midrange driver and component set, combined with the new PRS Subwoofer, provide a superior 4-way system that allows amazingly clear and detailed reproduction of your audio. The new PRS Subwoofer was designed to be one of the fastest and most accurate subs on the market. With high sensitivity and unmatched linearity it offers true bass reproduction that makes a real impact. This new PRS line is set to become the industry standard for its class, just like the ODR and RS series before it.

POWER IN ACTION

2009 was a year to remember for Team Pioneer's Pascal Seiler. Using his High-quality PRS car install, he became both German and Swiss national champion and vice European champion in the EMMA Multimedia Advanced category. His impressive system draws its immense power from his 2 big PRS Subs and 4 superior digital PRS Amps.







TS-E SPEAKERS

It's difficult to describe the experience of truly superior car audio. Your music is enhanced, and you recognise every detail, texture and instrument, as though you were listening to a live stage performance right in your car. This is the type of experience our



BASALT BLENDED CONE

TS-E Speakers give you. Based on our Open & Smooth™ Concept, they deliver strong and precise sound, with smooth octave-to-octave tonal balance and perfect reproduction of all frequencies.

It's time to experience accurate and full-bodied sound that will completely change the way you listen to music in your car.



TS-E130CI

180 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM 35 W NOMINAL INPUT POWER



THE SECRET BEHIND PURE SOUND

The Open & Smooth™ Concept is the result of years of interaction between Team Pioneer and our sound engineers. What's the idea? To create truly accurate sound, speakers should be able to reproduce the ambience in which sounds originate. Think of a live stage performance. Stage size, the movement of musicians, aural reflection: these are all details that bring sounds to life. Speakers incorporating the Open and Smooth™ Concept can recreate this ambience.

They produce a smoother, multidimensional sound, so you can really experience your music as if you were at a live stage performance.





OPEN

Experience your music as though it were coming from a wide, open stage right in front of your dashboard.

SMOOTH

Feel the smooth transition between sound frequencies, giving a natural and dynamic flow to the music.

AUDIO ENTHUSIAST COMPONENTS



TS-E69021

360 W MAX.

TS-E17021

180 W MAX.

6" X 9" COAXIAL 2-WAY SPEAKERS 80 W NOMINAL INPUT POWER 17 CM COAXIAL 2-WAY SPEAKERS 35 W NOMINAL INPUT POWER

TS-E1302I

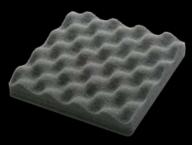
180 W MAX.

TS-E10021

110 W MAX.

13 CM COAXIAL 2-WAY SPEAKERS 35 W NOMINAL INPUT POWER

10 CM COAXIAL 2-WAY SPEAKERS 25 W NOMINAL INPUT POWER



MULTILAYER SOUND DAMPING AND ABSORPTION FOAM

Place directly behind the speaker to absorb any standing waves.



SOUND DAMPING FOAM RING

Place around the front of the speaker to prevent acoustic leaks. Rings are included for 17 and 13 cm speakers.

UD-K201

SOUND DAMPING KIT

Get the best from your car door speakers. Due to certain materials used in the construction of car doors, the performance of your speakers can be severely diminished. The UD-K201 Sound Damping Kit is a simple solution to improve the sound from door speakers. This high-quality damping material can be quickly and easily installed in your doors, creating a better sound environment. The results are instant: an immediate improvement in sound-quality that you'll really notice in your music.

SUPERIOR SPACE-SAVING SOLUTIONS

Want to boost your audio performance without having to give up your whole car boot? Our space-saving amps and subs take up only a fraction of the space of conventional audio components. Small in depth and big in sound, our Shallow-type Subwoofers are the ultimate solution for lovers of smooth, deep bass, but with limited space. Our powerful Digital GM Amplifiers enhance your system with superior digital technology, while being less than half the size of conventional amps. Experience Superior Sound, whatever vehicle you drive.



TS-SW2501S4/S2

1200 W MAX.

TS-SW841D

500 W MAX.

25 CM SHALLOW-TYPE SINGLE VOICE COIL SUBWOOFER (AVAILABLE IN 2 Ω AND 4 Ω VERSIONS) **300 W NOMINAL INPUT POWER**

20 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER

SOLID AS A ROCK

The cones of many Pioneer speakers and subwoofers are reinforced with basalt fibre, for increased strength and stability. The use of basalt in speaker cones is unique to Pioneer and allows us to create speakers and subs that deliver more precise sound and better bass reproduction. The process for creating these truly solid cones involves melting down pulverised volcanic basalt rock at a temperature of over 1480°C and drawing it into long, thin fibres. BASALT BLENDED CONE These fibres are then interwoven with the other cone material and fused together using foamed IMPP™. The result is a speaker that is lightweight, super-strong, well-damped, stable in extreme temperatures and environmentally friendly.







DIGITAL GM AMPLIFIERS



GM-D9500F

- 4-CHANNEL CLASS-FD AMPLIFIER 4 x 150 W (4 Ω)/2 x 400 W (4 Ω) Max. 4 x 75 W (4 Ω)/2 x 200 W (4 Ω bridged)/4 x 100 W (2 Ω) continuous output power

THE CLASS-D DIFFERENCE

Our Digital GM Amplifiers utilise Class-D technology, allowing them to overcome the inefficiencies of conventional Class-A and Class-AB amplifiers. While conventional amplifiers waste a lot of energy as heat, amplifiers with Class-D technology use energy more efficiently, converting as much as 70 % of the input power into the output load. This means they require little input power to produce very high output power. The result is an amplifier that requires only two-thirds of the current of a conventional amplifier to produce the same output power.



COMPACT YET POWERFUL

Our Digital GM Amplifiers are extremely compact in size. Thanks to their innovative circuitry design, they can be as little as 45 % of the size of conventional amplifiers. But while they may be small, there is no compromise on performance. These compact units can easily output the same power you'd expect from conventional analogue amplifiers.





THE EASY WAY TO EXPAND YOUR SYSTEM

We know not everyone owns a Pioneer headunit. That's why we've made it easier to build your system around your existing car radio. Our Digital GM Amplifiers feature Speaker Level Inputs, which allow you to connect your OEM unit (or any unit that doesn't have typical RCA outputs) straight to the amp, without you having to add any additional adapters. This makes for much faster installation.

MINIMUM SPACE, MAXIMUM PERFORMANCE

Getting a superior audio system no longer means having to sacrifice all of the space in your car. When combined, our superior space-saving components are the perfect solution for when room is limited. Our Digital GM Amplifiers can easily fit into those tight spaces conventional amplifiers can't. The Shallow-type Subwoofers utilise the Pioneer-unique Air Suspension Excursion Control System. This advanced design feature enables a subwoofer's damper to be replaced with a sealed pocket of air, which allows for a drastic reduction in enclosure size. As a result, enclosures for our Shallow-type Subs can be 70 % smaller than those of conventional subs. With our space-saving range, you get all the power and performance of a superior system, with only using a fraction of the space.



BASS FOR ANY SPACE

Requiring minimum space and hardly any installation time, our Amplified Subwoofers are the ultimate all-in-one solution for getting powerful, punching bass in your car. Extremely compact in size, these subs are designed to occupy the places you don't need, so they help you utilise the space in your car more efficiently. They all come complete with a built-in MOSFET amplifier, so you don't have to install an external amplifier to power your sub. This not only saves space but keeps installation as quick and easy as possible – simply set up the sub in your car and connect it straight to your headunit.



TS-WX77A 200 W MAX.

DOUBLE 16 CM BACK-LOADED HORN ACTIVE SUBWOOFER

ULTRA-FLAT AND SCRATCH RESISTANT



The TS-WX77A is only 8.2 cm high, so it won't monopolise your car boot. It also fits perfectly in the boot of small vehicles, e.g., a Mini Cooper.



The TS-WX77A's tough polyurethane skin is anti-slip and anti-scratch, so you can even put your luggage on top of it.



Wired remote control included.



TS-WX610A 200 W MAX.

 $6^{ ext{TH}}$ order bandpass spare tyre amplified subwoofer

BE CREATIVE WITH YOUR SPACE

Install your audio components in the space you never thought it was possible to use. The revolutionary TS-WX610A is an Amplified Subwoofer that's designed to fit inside the wheel of your spare tyre. There's coverage for a wide range of vehicles, with a selection of installation solutions available for specific car brands. Thanks to its 6th order bandpass design, this high-performance sub incorporates a pair of 10 cm Dual Voice Coil speakers and a powerful 200 W amplifier, while still fitting into a 14-inch spare wheel. The position of the 2 speakers within the double enclosure significantly reduces distortion and allows the sub to output a higher Sound Pressure Level using less power than other active subwoofer designs.



AUDIO ENTHUSIAST COMPONENTS



COMPACT AND READY TO GO

Extremely compact in size, the TS-WX210A and TS-WX11A are perfect for smaller vehicles. They can be installed horizontally or vertically, so you can maximise the available space in your car. If you have no room in your boot, simply slide your sub under your seat out of reach. Because both subs have a powerful built-in 150 W amp, they can be connected directly to your headunit, making installation as easy as possible.







TS-WX11A

150 W MAX.

12.8 CM X 20.8 CM OVAL CONE SEALED-TYPE AMPLIFIED SUBWOOFER



Wired remote control included.

CUSTOM-FIT SOUND

High-quality in-car sound doesn't have to come with all the installation hassles. Our Custom-fit sound solutions can be paired with your specific make and model of car to ensure the best match every time. Q-level Speakers are designed to offer a superior upgrade for drivers of Renault, Peugeot, Citroën and Opel/Vauxhall vehicles and can be placed directly into existing speaker locations. Our Custom-fit Speakers offer solutions for a wide range of car makes and models, and all speakers in the series come with Easy Connectors that fit directly to your existing speaker connections. Get that instantly recognisable Superior Sound upgrade in the quickest time possible.

Q-LEVEL SPEAKERS

DuPont™ **KEVLAR**®



TS-Q171C

200 W MAX.

TS-Q131C

180 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM 40 W NOMINAL INPUT POWER

13 CM SEPARATE 2-WAY SPEAKER SYSTEM 35 W NOMINAL INPUT POWER

CITROËN PEUGEOT PERFECT-FIT

RENAULT PERFECT-FIT

PERFECT-FIT SOLUTION

Pioneer's Q-level Speakers are designed to fit perfectly into Renault, Peugeot, Citroën or Opel/Vauxhall factory speaker locations. No extra cutting or drilling is required. All models also come complete with an easy installation guide.

BUILT FOR QUALITY

Separate component Q-level Speakers combine a KEVLAR® brand fibre woofer with a soft dome tweeter to make for low distortion, high resolution and smooth response. While the woofer guarantees a lively dimension, the soft dome tweeter adds natural overtones.

CUSTOM-FIT SPEAKERS



EASY CONNECTORS

As more and more cars have a specific connector for their factory-installed speakers, upgrading your sound system with new speakers can become complicated. Although factory connectors can be cut and replaced with universal connectors, this process is time consuming and you always risk making a wrong connection. To counter this, we have developed Easy Connectors. These connectors are made to fit directly into the factory connectors EASY of specific car brands, making installation extremely easy. Just plug them in, and off you go. Easy Connectors are available for a wide range of car brands for all of our Custom-fit Speakers.

Cable-type Easy Connector for 17 cm Custom-fit Speakers:







Chassis-type Easy Connector for 10 cm and 13 cm Custom-fit Speakers:



Installing a universal speaker requires cutting the wire so it fits



can simply plug the wire into the Easy Connector for your Renault, Opel or Volkswagen cars.



170 W MAX.

17 CM COAXIAL 2-WAY SPEAKERS 35 W NOMINAL INPUT POWER



Easy Connector for: Chevrolet, Citroën, Daewoo, Fiat, Hyundai, Kia, Opel, Peugeot, Renault, Toyota, Volkswagen

TS-1302I

130 W MAX.

TS-1002I

120 W MAX.

13 CM COAXIAL 2-WAY SPEAKERS 25 W NOMINAL INPUT POWER

EASY

Easy Connector for: Opel, Renault, Volkswagen

10 CM COAXIAL 2-WAY SPEAKERS 25 W NOMINAL INPUT POWER

Easy Connector for: Opel, Renault, Volkswager.



TS-1301I

130 W MAX.

TS-1001I

110 W MAX.

13 CM DUAL-CONE SPEAKERS 25 W NOMINAL INPUT POWER



Easy Connector for: Opel, Renault, Volkswagen

10 CM DUAL-CONE SPEAKERS 20 W NOMINAL INPUT POWER



Easy Connector for: Opel, Renault, Volkswagen

TS-G SPEAKERS

Discover what top-notch audio can do for your in-car system. Designed by engineers with an ear for dynamic and powerful sound, TS-G Speakers will give you the upgrade you have been looking for. Thanks to the combination of high-quality components, they can turn your drive into a live sound experience. It's time to make the change.



TS-G13131

140 W MAX.

TS-G1013I

130 W MAX.

13 CM COAXIAL 3-WAY SPEAKERS 25 W NOMINAL INPUT POWER

10 CM COAXIAL 3-WAY SPEAKERS
25 W NOMINAL INPUT POWER



MAKE THE UPGRADE

Our new TS-G Speakers are your easy route to great in-car sound. Their rigid IMPP™ woofer cone gives them outstanding tolerance to high volume levels, extreme temperatures and humidity, so you hear low distortion and powerful bass even at high sound pressure levels. The shallow basket design improves bass response and eases installation, while the newly designed front grille will add a touch of style to your car interior.



TS-G1312I

130 W MAX.

TS-G1012I

120 W MAX.

13 CM COAXIAL 2-WAY SPEAKERS 25 W NOMINAL INPUT POWER

10 CM COAXIAL 2-WAY SPEAKERS 25 W NOMINAL INPUT POWER



TS-G13111
13 CM DUAL-CONE SPEAKERS
25 W NOMINAL INPUT POWER

130 W MAX.

TS-G1011I
10 CM DUAL-CONE SPEAKERS
20 W NOMINAL INPUT POWER

110 W MAX.

MAKE A STATEMENT

When the number of decibels matters, there should be no fooling around. Years of competing in the toughest international Sound Pressure Level (SPL) competitions has taught us what is required from true Performance Audio equipment. All of the experience we have gained has gone into helping us create the toughest and most reliable audio components out there. If you're looking to get noticed, you've come to the right place.

- PRO SPL
- 64 PRO SPL SUBS
- **66** COMPETITION-GRADE SPL CLASS-D AMPS
- **67** COMPETITION-GRADE SPL SUBS





- STREET TUNING
- **68 CHAMPION SERIES SUBS**
- **69** BRIDGEABLE AMPS
- **70** THE INSTANT POWER BOOST
- **72** EASY ACCESS BASS
- 74 a-Ccelerate SPEAKERS

TEAM PIONEER SPL

THE LOUDEST SOUND AROUND

When it comes to European SPL competitions, one sound stands out above all others: Team Pioneer. With a number of SPL professionals in its ranks, Team Pioneer has enjoyed success at both the national and European levels.











IT'S TIME TO MAKE YOUR MARK

Ignite your passion for audio tuning by joining Team Pioneer on its quest for perfect in-car sound. Go online to meet all of the team members, see the award-winning cars and get the latest event news, photos and videos. You can also see all Team Pioneer results from the most recent national and European sound competitions. See where the inspiration takes you.

WWW.PIONEER.EU/TEAMPIONEER



www.myspace.com/teampioneer

facebook.

www.facebook.com/teampioneer



www.flickr.com/photos/teampioneer

You Tube

www.youtube.com/teampioneer

PRO SPL SUBS

You've just reached the summit of pure power. Pioneer's Professional SPL Subwoofers take bass to a whole new level. The first subs to break the 180 dB barrier, they continue to dominate pro SPL competitions thanks to their awesome power output and solid construction. Built based on years of SPL expertise, they incorporate some of the most advanced subwoofer technologies, making them capable of performing under the toughest conditions. If you're looking to make a statement, these monster subs will always be there to back you up.



38 CM COMPETITION-GRADE SPL 2 Ω dual voice coil subwoofer for professional use 3000 w nominal input power



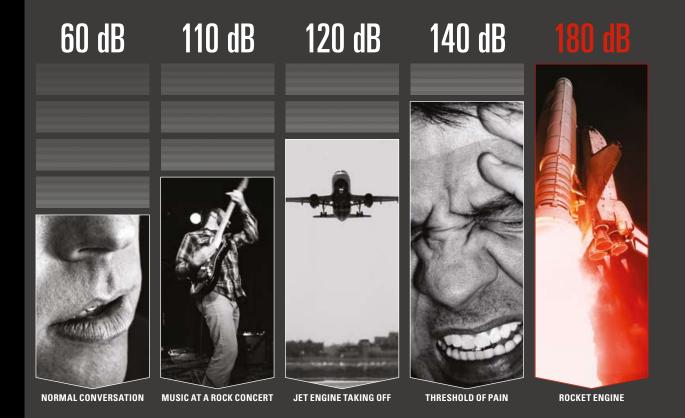


30 CM COMPETITION-GRADE SPL 2 Ω dual voice coil subwoofer for professional use 2500 w nominal input power

PIONEER

WELCOME TO THE 180 dB CLUB

Our Pro SPL Subs became the first subs to break the 180 dB sound barrier in a pro SPL competition. Reaching this level does not just require power. It requires the toughest and most reliable audio components out there. And when it comes to strength and reliability, our Pro SPL Subs never let you down. But, just how loud is 180 dB? The simple answer: it's loud, very loud.



COMPETITION-GRADE SPL CLASS-D AMPS

Our Competition-grade SPL Class-D Amps are just the thing to power our SPL subs. Their stability at high pressure levels has allowed them to continually break records in international SPL competitions. The source of power for our ground-breaking 180-dB performances, they have innovative design and circuitry, offering complete reliability when it really counts. Class-D technology ensures less current for less heat, so all you get is crisp and clear sound, with no distortion. Get ready to experience proven power of the highest magnitude.



MULTI-AMPLIFIER SYNCHRONISATION SYSTEM (MASS)

Pioneer's exclusive Multi-Amplifier Synchronisation System gives you easy control over a multi-amp system. Adjustments that are made to the 'master' amplifier are automatically made to all other connected amplifiers. This makes controlling up to 4 amps easier than ever before.

A POWERFUL COMBINATION

Using the PRS-D2000SPL amplifier to power his TS-W5102SPL monster sub, Team Pioneer member Lars Engel was crowned vice European champion in the EMMA Advanced Pure Sound category at the 2009 EMMA European Finals.







COMPETITION-GRADE SPL SUBS

When it comes to power alone, these heavy-duty performers are the best in their class. Famous for their high power output and deep and intense bass, they regularly give commanding performances on the SPL scene. But power is just the beginning. Combining advanced technologies and solid construction, they exceed the expectations of sound quality, providing a pure bass experience that's in a class of its own.



30 CM COMPETITION-GRADE SPL 4 Ω dual voice coil subwoofer 1000 w nominal input power

TS-W2502D4 3000 W MAX.

25 CM COMPETITION-GRADE SPL 4 Ω dual voice coil subwoofer 800 W nominal input power

SMALLER ENCLOSURE VOLUME

Thanks to the Air Suspension Excursion Control System, Pioneer's competition-grade subs can achieve a consistently clear, powerful and wide-ranging bass response, from a much smaller enclosure volume. This is possible because of a sealed air pocket between the sub's two cones. The pressure

inside this pocket creates an Air Suspension Excursion Control System, which requires less enclosure space to control the speaker cone, allowing enclosure volumes to be drastically smaller.



CHAMPION SERIES SUBS

The only way to get noticed is to use equipment with attitude. Combining high power output, clean and punchy bass and sharp designs, our Champion Series Subs are the perfect street tuning tools. Being 'Champion Series', they are pedigrees of our Pro SPL and Competition-grade Subs and have been designed and built with the same winning mentality. All of our SPL experience has gone into developing high-quality technologies to make our Champion Series Subs as tough and reliable as our SPL record-breakers. It's time to make some noise.



30 CM DUAL VOICE COIL SUBWOOFER (AVAILABLE IN 4 Ω and 2 Ω versions)

TS-W308D4/D2 1400 W MAX.

TS-W258D4/D2 1200 W MAX.

25 CM DUAL VOICE COIL SUBWOOFER (AVAILABLE IN 4 Ω AND 2 Ω VERSIONS) 350 W NOMINAL INPUT POWER



A KNOCKOUT PUNCH

The composite IMPP™ woofer cones of our Champion Series Subs have been reinforced with basalt fibres, giving you a punchier and more powerful bass sound.

BASALT BLENDED CONE

INCREASED DURABILITY

Our tests have shown the parts of a subwoofer that undergo the most stress at high sound pressure levels. We have used this knowledge to create subwoofers that can sustain much higher sound pressure levels for longer periods of time.

BRIDGEABLE AMPS

Inspired by our Competition-grade Amplifiers, our Bridgeable Amplifiers offer superb sound and complete installation flexibility. They are available in 2-channel and 4-channel varieties, so you can use them to drive multiple speakers and subwoofers or bridge them to power a single sub. This makes them the perfect base on which to build any type of installation set-up. Stylishly designed to match our subwoofers, they're ready to become the centre of your new sound system.



GM-5400T

 $2\text{-}CHANNEL \ BRIDGEABLE \ AMPLIFIER$ 2 x 250 W (4 Ω)/1 x 760 W (4 Ω bridged) Max. 2 x 125 W (4 Ω)/1 x 380 W (4 Ω bridged)/2 x 190 W (2 Ω) continuous output power

THE INSTANT POWER BOOST

Want a quick and easy way to boost your sound system with powerful bass? Offering fast and flexible installation, the GM-3400T Bridgeable Amplifier and TS-WX303 Bass Reflex Subwoofer are the ideal combination for making an instant impact. The perfect partnership when it comes to power matching and looks, this amp and sub combo will add the power and style your system has been lacking.



A POWERFUL PACKAGE

The TS-WX303 and GM-3400T combination is the smart choice for boosting your sound system. On the inside, the TS-WX303 has a 12-inch driver, which allows for loud, tight and punchy bass and pumps out a massive 1200 Watts of power. On the outside, its sharp design and quality finish will make a loud statement in any car interior. The sub comes already encased in its rigid enclosure, so you can simply fit it in your boot straight from the shop. The GM-3400T amp is compact yet powerful, so you don't have to give up your whole car boot to get some real muscle behind your car audio.



TS-WX303 1200 W MAX.

BASS REFLEX SUBWOOFER 250 W NOMINAL INPUT POWER

JOIN THE SPL TRADITION

We have always been top of the pile when it comes to SPL. From our record-breaking performances in the top international SPL competitions, like being the first to surpass the 180 dB barrier, to success on the European scene, our SPL products are famous for complete and uncompromising power.

This tradition continues with Team Pioneer, whose SPL specialists regularly take part in the biggest national and European SPL challenges. Competitors such as Ivan Izraylev, Lars Engel, Christoph Altmeyer and Krisztián Szabó are proving that Pioneer's Performance Audio equipment is the best choice for putting in a top performance when it really counts. If you have a passion for loud, pure, powerful audio, join the Pioneer SPL tradition and make a real statement.





EASY ACCESS BASS

Want great bass without any of the installation hassles? Our easy installation subwoofers are the simplest way to add some real kick to your sound system. Champion Series Free-air Subs make installation a breeze as they don't require separate enclosures, just use your car boot as the enclosure. Our Amplified Subs have powerful, built-in amplifiers, so there's no need to install any separate amps to power them.

CHAMPION SERIES FREE-AIR SUBS

Champion serie





TS-W308F

1000 W MAX.

30 CM FREE-AIR SUBWOOFER 300 W NOMINAL INPUT POWER FOR FREE-AIR USE

TS-W258F

800 W MAX.

25 CM FREE-AIR SUBWOOFER 250 W NOMINAL INPUT POWER FOR FREE-AIR USE

AMPLIFIED SUBS

TS-WX20LPA

200 W MAX.

20 CM LINEAR POWER AMPLIFIED SUBWOOFER



THE PUMP

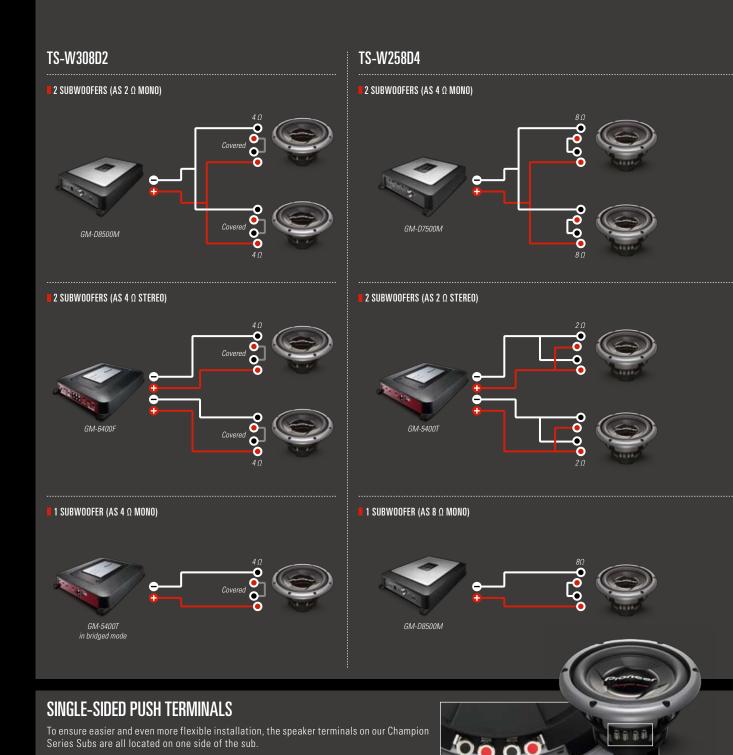
TS-WX206A

150 W MAX.

20 CM BANDPASS AMPLIFIED SUBWOOFER

COMPLETE CONNECTION FLEXIBILITY

Pioneer's line-up of amplifiers and subwoofers offers a complete range of connection options, so you can get the system that's perfect for you. By combining amps and subs throughout the range, you can find a set-up to suit your specific need and taste. Below we've used our Dual Voice Coil Champion Series Subs as an example to show the choice of connection options available. The double 2 Ohm and double 4 Ohm models offer a wide variety of set-up possibilities (8 Ohm, 4 Ohm, 2 Ohm or 1 Ohm) — provided there is correct power matching between the sub and amp. With all common impedance loads covered, you're free to build the system you've always wanted.



a-Ccelerate SPEAKERS

Complete your car install with some lean, mean and powerful speakers. Our a-Ccelerate Speakers have enough urban attitude to get your sound system noticed. Reinforced with long aramid fibres, the strong woofer cone ensures powerful, punching bass.



Open & Smooth™ technology gives your music extra depth, so you can immerse yourself in pure sound. Ready to get the edge you've been looking for?



TS-A69031

350 W MAX.

TS-A69021

260 W MAX.

6" X 9" COAXIAL 3-WAY SPEAKERS 80 w nominal input power 6" X 9" COAXIAL 2-WAY SPEAKERS 40 W NOMINAL INPUT POWER



TS-A130CI

190 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM 30 W NOMINAL INPUT POWER



TS-A20031 20 CM COAXIAL 3-WAY SPEAKERS 80 W NOMINAL INPUT POWER 400 W MAX.

TS-A17031

240 W MAX.

17 CM COAXIAL 3-WAY SPEAKERS 50 W NOMINAL INPUT POWER

TS-A1303I

180 W MAX.

13 CM COAXIAL 3-WAY SPEAKERS 30 W NOMINAL INPUT POWER

AUDIO PRODUCT OVERVIEW

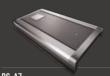
OPTICAL DIGITAL REFERENCE SYSTEM



RS-D7RII
SYSTEM CONTROL CD TUNER



RS-A9
DIGITAL POWER AMPLIFIER WITH



RS-A7 DIGITAL POWER AMPLIFIER



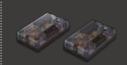
KS-P9U UNIVERSAL DIGITAL PRE-AMPLIFIER



DEQ-P90
DIGITAL PRE-AMP/EQUALISER



AXM-P90RS
AUDIO MASTER UNIT



UD-N01RSII 2-WAY PASSIVE CROSSOVER NETWORK



TS-T01RSII 3.5 CM SUPER WIDE-RANGE TWEETER



TS-S01RSII 7.7 CM MIDRANGE



TS-M01RSII 17 CM MID-BASS DRIVER

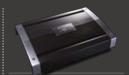


TS-W01RSII

HIGH-END PIONEER REFERENCE SERIES



COMPONENT CD RDS TUNER



PRS-A900 4-CHANNEL BRIDGEABLE POWER AMPLIFIER 4x 100 W (4 \O)/2 x 200 W (4 \O) max. 4x 50 W (4 \O)/2 x 100 W (4 \O) bridged)



TS-S062PRS 6.6 CM MIDRANGE DRIVER



TS-C172PRS

17 CM SEPARATE 2-WAY
SPEAKER SYSTEM



TS-C132PRS

13 CM SEPARATE 2-WA'
SPEAKER SYSTEM

HIGH-QUALITY PIONEER REFERENCE SERIES



DEH-P88RSIICOMPONENT CD RDS TUNER



PRS-D1200M

MONO-CHANNEL CLASS-D AMPLIFIER
1x800W (4.0)/1x1200W (1.0/2.0) max.
1x800W (4.0/1x800W (1.0/2.0) max.
2x00100mins continue nower



 $\begin{array}{l} \textbf{PRS-D420} \\ \textbf{4-CHANNEL CLASS-FD AMPLIFIER} \\ \textbf{4x 150 W (4 \Omega)/2x 800 W (4 \Omega) max.} \\ \textbf{4x 75 W (4 \Omega)/4x 150 W (2 \Omega)/2x 300 W (4 \Omega)} \\ \textbf{continuous output power} \end{array}$



PRS-D220 2-CHANNEL CLASS-FD AMPLIFIER 2x 300 W (4 Ω)/1 x 1200 W (4 Ω) max. 2x 150 W (4 Ω)/2x 300 W (2 Ω)/1 x 600 W (4 Ω) continuous output power



TS-W252PRS 800 W MAX./400 W NOM. 25 cm 4 \(\Omega \) single voice coil Subwoofer

AMPLIFIERS



PRS-D2000SPL

COMPETITION-GRADE SPL CLASS-D AMPLIFIER 1x 4000 W (1 0)/1x 3000 W (2 0)/ 1x 1500 W (1 0) mx. 1x 2000 W (1 0) mx. 1x 250 W (4 0) continuous output power



PRS-D1200SPL

COMPETITION-GRADE SPL CLASS-D AMPLIFIER 1 z 2400 W (1 0)/1 x 2000 W (2 0)/ 1 x 2400 W (1 0) /1 x 2000 W (2 0)/ 1 x 1200 W (1 0) /1 x 1000 W (2 0)/ 1 x 500 W (4 0) continuous output power



M-D9500F

4-CHANNEL CLASS-FD AMPLIFIER 4x 150 W (4 Ω)/2 x 400 W (4 Ω) max. 4 x 75 W (4 Ω)/2 x 200 W (4 Ω bridged)/4 x 100 W (2 Ω) continuous output power



GM-D8500M

MONO-CHANNEL CLASS-D AMPLIFIER 1 x 600 W (4 Ω)/1 x 1200 W (2 Ω) max. 1 x 300 W (4 Ω)/1 x 600 W (2 Ω) continuous output power



GM-N75NNN

MONO-CHANNEL CLASS-D AMPLIFIER 1 x 400W (4 \(\Omega \) /1 x 800W (2 \(\Omega \) max.
1 x 200W (4 \(\Omega \) /1 x 400W (2 \(\Omega \) continuous output power



GM-6400F

4-CHANNEL BRIDGEABLE AMPLIFIER
4x 120 W (4\O)/2x 300 W (4\O)ridged) max.
4x 60 W (4\O)/2x 150 W (4\O) bridged) /4x 75 W (2\O)
continuous output power



GM-5400T

2-CHANNEL BRIDGEABLE AMPLIFIER 2x250W(40)/1x760W(40 bridged) max. 2x125W(40)/1x380W(40 bridged)/2x190W(20) continuous output power



GM-3400T

2-CHANNEL BRIDGEABLE AMPLIFIER 2x120W(4Ω)/1x350W (4Ω bridged) max. 2x60W(4Ω)/1x175W(4Ω bridged)/2x85W(2Ω) continuous autuut nouver

SUBWOOFERS



TS-W8102SPL 8000 W MAX./3000 W NOM.

38 CM COMPETITION-GRADE SPL 2 Ω DUAL VOICE COIL SUBWOOFER FOR PROFESSIONAL USE



TS-W5102SPL 6000 W MAX./2500 W NOM.

30 CM COMPETITION-GRADE SPL 2 Ω DUAL VOICE COIL SUBWOOFER FOR PROFESSIONAL USE



TS-W3002D4 3500 W MAX./1000 W NOM.

30 CM COMPETITION-GRADE SPL 4 Ω DUAL VOICE COIL SUBWOOFER



TS-W2502D4 3000 W MAX./800 W NOM.
25 CM COMPETITION-GRADE SPL
4 Ω DUAL VOICE COIL SUBWOOFER



TS-W308D4 1400 W MAX./400 W NOM.

30 CM 4 Ω DUAL VOICE COIL SUBWOOFER



TS-W308D2 1400 W MAX./400 W NOM. 30 CM 2Ω Dual voice coil



 $\pmb{\mathsf{TS\text{-}W258D4}}\xspace$ 1200 w Max./350 w nom. 25 cm 4 Ω dual voice coil



TS-W258D2 1200 W MAX./350 W NOM. 25 CM 2 Ω DUAL VOICE COIL



TS-W308F 1000WMAX./300WN0
30 CM FREE-AIR SUBWOOFER
For free-air use



TS-W258F 800 W MAX./250 W NO 25 CM FREE-AIR SUBWOOFER



TS-SW3001S4 1500 W MAX./400 W NOM. 30 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOODER



TS-SW3001S2 1500 W MAX./400 W NOM.
30 CM SHALLOW-TYPE 2 Ω SINGLE
VOICE COIL SUBWOOFFR



TS-SW2501S4 1200 W MAX./300 W NOM. 25 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER



 $\mbox{TS-SW2501S2} \mbox{1200 W MAX./300 W NOM.}$ 25 CM SHALLOW-TYPE 2 Ω SINGLE



TS-SW841D 500 W MAX./120 W NOM. 20 CM SHALLOW-TYPE 4 Ω SINGLE



TS-WX303 1200 W MAX. /250 W NOM. BASS REFLEX SUBWOOFER

CUSTOM ENCLOSURE BOXES AND GRILLES



UD-SW125S

Protection bars included

UD-SW104S

TS-SW2501S4 AND TS-SW2501S2 Protection bars included

UD-SW84S

Protection bars included



UD-W302S

UD-W252S

TS-W2502D4

TS-W308D4 AND TS-W308D2

CUSTOM ENCLOSURE BOX FOR TS-W258D4 AND TS-W258D2



SPOKE GRILLE FOR TS-W3002D4,

SPOKE GRILLE FOR TS-W2502D4, TS-W258D4, TS-W258D2 AND TS-W258F

AMPLIFIED SUBWOOFERS



TS-WX77A

200 W MAX. HORN ACTIVE SUBWOOFER



TS-WX20LPA

AMPLIFIED SUBWOOFER



TS-WX206A

200 W MAX.

20 CM BANDPASS AMPLIFIED SUBWOOFER



TS-WX210A

150 W MAX.

AMPLIFIED SUBWOOFER



TS-WX11A

150 W MAX.

SEALED-TYPE AMPLIFIED SUBWOOFER



TS-WX610A

200 W MAX. 6^{TH} ORDER BANDPASS SPARE TYRE AMPLIFIED SUBWOOFER

SPEAKERS

TS-E SERIES



TS-E170CI 260 W MAX./60 W NOM. SPEAKER SYSTEM



TS-E130Cl 180 W MAX./35 W NOM. SPEAKER SYSTEM



TS-E6902I 360 W MAX./80 W NOM. 6" X 9" COAXIAL 2-WAY SPEAKERS



TS-E2002I 360 W MAX./90 W NOM.



TS-E1702IS 280 W MAX./60 W NOM.



TS-E1702I 180 W MAX./35 W NOM.



TS-E1302I 180 W MAX./35 W NOM.



TS-E1002I

a-Ccelerate TS-A SERIES





TS-A130CI 190 W MAX./30 W NOM. SPEAKER SYSTEM



TS-A6904I 400 W MAX./80 W NOM. 6" X 9" COAXIAL 4-WAY SPEAKERS



TS-A6903I 350 W MAX./80 W NOM. 6" X 9" COAXIAL 3-WAY SPEAKERS



TS-A69021 260 W MAX./40 W NOM. 6" X 9" COAXIAL 2-WAY SPEAKERS

SPEAKER SYSTEM



TS-A2503I 420 W M A X. / 80 W N O M .



TS-A2003I 400 W M A X./80 W NOM.



TS-A1703I 240 W MAX./50 W NOM.



TS-A1303I

TS-G SERIES



17 CM COAXIAL 3-WAY SPEAKERS



13 CM COAXIAL 3-WAY SPEAKERS



TS-G1013I 10 CM COAXIAL 3-WAY SPEAKERS



TS-G1712I 17 CM COAXIAL 2-WAY SPEAKERS



TS-G1312I 13 CM COAXIAL 2-WAY SPEAKERS



TS-G1012I 120 W MAX./25 W NOM.



TS-G1711I 170 W MAX /35 W NOM



TS-G1311I 130 W MAX./25 W NOM.



TS-G1011I 110 W MAX./20 W NOM.

CUSTOM-FIT SERIES





TS-130CI 130 W MAX./25 W NOM.



TS-1702I 170 W MAX./35 W NOM. 17 CM COAXIAL 2-WAY SPEAKERS



TS-1302I 130 W MAX./25 W NOM. 13 CM COAXIAL 2-WAY SPEAKERS



TS-1002I 120 W MAX./25 W NOM.



170 W MAX /35 W NOM



TS-1301I 130 W MAX /25 W NOM



TS-1001I



TS-Q172C 220 W MAX./50 W NOM. 17 CM SEPARATE 2-WAY SPEAKER SYSTEM



17 CM SEPARATE 2-WAY SPEAKER SYSTEM



SPEAKER SYSTEM

DISCOVER MORE AT WWW.PIONEER.EU

GLOSSARY

Here you can find an explanation of all logos and features that appear throughout this catalogue. Each section has been organised alphabetically for your convenience.

LOGOS

AAC ADVANCED AUDIO CODING (AAC)

AAC refers to an audio compression technology standard used with MPEG2 and MPEG4. It provides more efficient audio encoding compression than other formats like MP3, while delivering quality comparable to uncompressed CD audio. Pioneer units play back AAC files encoded by iTunes®.



AIR SUSPENSION EXCURSION CONTROL SYSTEM

A typical subwoofer uses a damper (spider) to control the woofer cone's excursion. The Air Suspension Excursion Control System, formed by creating a sealed air space between the double cones, effectively replaces the damper, providing excellent design and performance characteristics. It provides superior compliance linearity, regardless of volume input, for reproducing exceptionally clear, low-distortion bass. It has also allowed enclosure volumes to be reduced by 70 %



BASALT BLENDED CONE

The cones of Pioneer's TS-E Speakers, Shallow-type Subwoofers, Competition-grade SPL Subs and Champion Series Subs are reinforced with fibres from volcanic basalt rock. The use of basalt fibres in speaker cones is unique to Pioneer and not only increases the strength of the cones, but allows for more precise sound and tighter, punchier bass reproduction.

Bluetooth BLUETOOTH

Units with this revolutionary technology communicate automatically with most Bluetooth-enabled mobile phones* and treat the mobile as a source device. After set-up of an individual user identity, Bluetooth Wireless Technology ensures automatic data communication between the phone and your navigation unit, whenever the two devices are within range of each other.

* Find out whether your mobile phone is compatible at www.pioneer.eu



DivX

Using the DivX codec, lengthy video segments can be compressed into small sizes while maintaining relatively high visual quality.



IXIDOLBY DOLBY DIGITAL

The current surround sound quality encoding standard, Dolby Digital provides in-car movie theatre sound performance. The front left and right, centre and rear left and right speakers span frequencies from 20 Hz-20 kHz, and there is a dedicated subwoofer channel for additional low frequency sound effects



ats DTS DIGITAL OUT

Units with DTS Digital Out are capable of reading and then passing a DTS digital signal to a receiver or processor containing a DTS decoder.



DVD-R/RW

 $\ensuremath{\mathsf{DVD}}\xspace\textsc{-RW}$ are $\ensuremath{\mathsf{DVD}}\xspace$ recordable formats. $\ensuremath{\mathsf{DVD}}\xspace-\ensuremath{\mathsf{RW}}$ is a "write once" format, which only allows data to be recorded once. DVD-RW is a rewritable format allowing data to be rerecorded over existing data a given number of times.



DVD quarantees second-to-none picture quality. The ultra-sharp digital picture and surround sound bring impressive cinema into your car. DVD is also packed with useful features, such as multiple languages, soundtracks and subtitles and support for various multi-channel audio-encoding technologies such as DTS and Dolby Digital.



MADE FOR iPod

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards Units showing this logo allow you to control your iPod directly from the unit.



MP3 is a popular compression format that allows large amounts of audio files to be stored on a data disc or other portable format. MP3-compatible Pioneer players come equipped with large buffering capabilities, which means they are able to handle data rates from 16 kbps and VBR Variable Bit Rate recording.



OPEN & SMOOTH™ CONCEPT

Our revolutionary Open & Smooth™ Concept enhances your in-car listening experience by surrounding you with pure, multidimensional sound. Speakers based on this concept allow you to experience your music as though it were coming from a wide, open stage right in front of your dashboard. It allows for a completely smooth transition between sound frequencies, giving a natural and dynamic flow to your music



Parrot PARROT

Parrot develops technologies for embedded noise-robust voice recognition and signal processing, with applications in mobile computing and mobile communications. Parrot is one of the few companies to develop the Bluetooth Wireless Technology stack, rather than rely on third party code. This ensures that Pioneer's Bluetooth models have better maintainability throughout their life cycle.



PLAYS WINDOWS MEDIA

Windows Media Audio (WMA) and Windows Media Video (WMV) are music and video compression formats developed by the Microsoft Corporation. They utilise the latest coding technologies to compress original audio and video, minimising file sizes while maintaining good quality.



A Secure Digital (SD) card is a flash memory storage device, available in a range of memory capacities, which can store a wide selection of file formats. Pioneer's 2010 line-up features units for both audio and video playback from SD.



TELE ATLAS MAPS

Tele Atlas provides map data for Pioneer's NavGate units. With one of the most comprehensive map databases in the world, Tele Atlas enables you to find destinations, guides travellers with landmarks and provides accurate data.



TRAFFIC MESSAGE CHANNEL (TMC)

Available on all Pioneer NavGate units, TMC keeps the driver updated on current traffic events and suggests alternative routes.



Universal Serial Bus (USB) is an external peripheral interface standard for communication between Pioneer units and external peripherals over a connection cable. Pioneer's 2010 line-up features units for both audio and video playback from USB.



WAV

WAV files are used to store high-quality, uncompressed audio data of CD-quality. This file format requires a huge amount of memory — roughly 10 MB per minute of music. Compressed audio files such as MP3 and WMA require significantly less memory, but reproduce poorer quality sound.



WORKS WITH iPhone

"Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards. Units showing this logo allow you to control your iPhone directly from the unit

FEATURES

5-BAND GRAPHIC EQUALISER (GEQ)

Customise your equalisation levels to match your car's acoustics. 5 separate frequency bands (100 Hz, 315 Hz, 1.25 kHz, 3.15 kHz and 8 kHz) can be adjusted in band-specific steps. The 5-band GEQ also features 7 preset equaliser curves (Super Bass, Powerful, Natural, Vocal, Flat, Custom 1 and Custom 2), which can be recalled at any time.

8-BAND GRAPHIC EQUALISER (GEQ)

The 8-band GEQ allows you to adjust your audio's equalisation levels to best match the acoustics of your car. 8 separate frequency bands (40 Hz, 80 Hz, 200 Hz, 400 Hz, 1 kHz, and 10 Hz, 10 H 2.5 kHz, 8 kHz and 10 kHzl can be adjusted in band-specific steps. The 8-band GEQ also includes 7 preset equaliser curves (Super Bass, Powerful, Natural, Vocal, Flat, Custom 1 and Custom 2), which can be recalled at any time.

ADVANCED SOUND RETRIEVER (ASR)

Compressed audio such as MP3 may be convenient, but it can result in inferior sound quality. Pioneer's ASR restores the quality of compressed audio files such as MP3 to the level of the original recording.

AUTO-EQ

The Auto-EQ feature uses an optional microphone to automatically adjust your equalisation levels to best match the acoustics of your car.

BACK-UP CAMERA INPUT

Connect a back-up camera to your unit using the Back-up Camera Input and get a mirror image of the view behind your car on your in-car screen.

BLUETOOTH READY

The AVH-P4200DVD can be hooked up to the CD-BTB200 Bluetooth Adapter so you can enjoy Bluetooth wireless in-car telephony. This add-on solution allows your headunit to automatically pick up your Bluetooth-enabled mobile phone's signal. The CD-BTB200 also incorporates the audio profile to enable audio streaming from a Bluetooth-enabled mobile phone or portable audio player.

BLUETOOTH WIRELESS TECHNOLOGY

Units featuring Bluetooth Wireless Technology all come with a built-in Parrot Bluetooth module for hands-free telephony. You can easily control your calls straight from your unit and automatically transfer your phone contacts to your Pioneer device. All units come with an external microphone. Our high-end NavGate models also allow music streaming from a Bluetooth-enabled phone or audio device.

BRIGHT WHITE ORGANIC ELECTRO-LUMINESCENT (OEL) DISPLAY

The Bright White OEL Display is both chic and functional. Its classic white design adds a touch of style to your dashboard, while 12 characters of information allow easier viewing of song and, depending on the headunit, phone call data.

COLOUR CUSTOMISATION

The Colour Customisation feature allows you to change the screen and button colours of your Pioneer unit. A selection of pre-set colours is available, while custom colours can be created for the button illumination using an RGB colour selector. Any colour within the RGB spectrum can be selected.

DIRECT SUBWOOFER DRIVE

Direct Subwoofer Drive is an easy solution for lovers of booming bass, which allows you to hook up a subwoofer without the need for an additional amplifier.

DUAL ZONE

Thanks to Dual Zone, rear seat passengers can enjoy entertainment from a DVD, while the front seat passengers listen to music from another source, such as the radio tuner, iPod, iPhone, SD or USB.

FLAP-TYPE FRONT PANEL

The Flap-type Front Panel helps you maintain a smooth look in your dashboard by concealing the CD slot of your headunit. When you want to insert a disc, simply press the release button, and the panel flips open to reveal the slot.

FRONT AUX-IN/REAR AUX-IN

Units with a Front or Rear Aux-in terminal allow you to connect a range of external devices, such as portable audio and, depending on the unit, video players

FRONT USB/REAR USB

Units with a Front or Rear USB terminal allow you to connect a range of USB sources to enjoy playback of audio and, depending on the unit, video files. All USB devices can be controlled directly from your unit.

FULL-COLOUR TFT DISPLAY

Pioneer's Digital Media Centres feature a Full-colour TFT Display for easier control of audio and video sources and headunit functions. Customise your display with a variety of background visuals or your own photographs.

FULL-DOT BLUE ORGANIC ELECTRO-LUMINESCENT (OEL) DISPLAY

The Full-dot Blue OEL Display shows 3 lines of information to aid folder and song selection. The display includes a variety of high-quality stills and motion graphics, so you can customise the look of your headunit.

HIGH PASS FILTER (HPF)/LOW PASS FILTER (LPF)

A High Pass Filter is a filter that passes high frequencies well, but attenuates (or reduces) frequencies lower than an adjustable cut-off frequency. For example, when you do not want low sounds to play from the tweeters or mid-range speakers, turn on the HPF on the tweeters' or mid-range speakers' channels. Only frequencies higher than the cut-off frequency are outputted from the tweeters or mid-range speakers.

A Low Pass Filter is a filter that passes low frequencies well, but attenuates (or reduces) frequencies higher than an adjustable cut-off frequency. For example, when you do not want high sounds to play from the subwoofer, turn on the LPF on the subwoofer channel. Only frequencies lower than the cut-off frequency are outputted from the subwoofer.

HIGH-VOLTAGE OUTPUT

Pre-outs with High-voltage Output reduce demand on an amplifier's input circuit, so it can work with lower gain settings, resulting in improved sound quality and a wider dynamic range.

iPod AND iPhone DIRECT CONTROL

iPod and iPhone Direct Control lets you control your iPod or iPhone directly from your Pioneer unit. Connect your iPod or iPhone to the unit using an optional cable and control the device using the unit's controls.

MOSFET 50 W X 4 AMPLIFIER

The MOSFET 50 W X 4 Amplifier boosts audio performance levels by using semiconductor technology. Characteristics such as low loss, low audio distortion, eliminated switching distortion and a wide power band combine to give units with these built-in amplifiers 50 W x 4 of sonic clarity, matching the best component

MULTI-LANGUAGE INTERFACE

Pioneer's 2010 DVD Multimedia Stations *, Digital Media Centres* and DEH-7200SD** and DEH-5200SD** headunits feature a Multi-language Interface. Simply select your preferred language, and all information on your headunit's display will be shown in the selected

* English, Spanish, Portuguese and Russian ** English, French, German, Italian, Spanish, Dutch and Russian

NAVGATE READY

Simply hook up the AVIC-F220 Navgate Upgrade Unit to our NavGate Ready DVD Multimedia Stations and enhance your system with fast and precise navigation capabilities. Explore 44 European countries with comprehensive Tele Atlas map data, and get up-to-date traffic information thanks to the TMC receiver.

RADIO DATA SYSTEM (RDS) TUNER

RDS attaches additional (digital) information along with FM broadcasts. This information is used by your RDS Tuner for a wide variety of features

- Alternative Frequency (AF) ensures that you can continue listening to your favourite radio channel without any interruption. When your current frequency is nearly out of reach, the system automatically switches to a frequency with better reception — without you ever noticing.
- Programme Identity (PI) Seek will automatically search for a different station with the same programming, if the tuner can't find a suitable station or reception status
- Traffic Announcement (TA) lets you receive traffic announcements automatically, no matter what source you are listening to. Playback of any source you're listening to at that moment will be interrupted.
- $\,\blacktriangleright\,$ Programme Type (PTY) allows you to search quickly and easily for radio channels that broadcast within a certain theme, such as News, Weather, Pop. Rock, etc.

RCA PRE-OUTS

RCA Pre-outs enable you to easily expand your sound system. Depending on whether your unit comes with 1, 2 or 3 RCA Pre-outs, you can customise your sound system with separate amplifiers for the front speakers, the rear speakers and/or a subwoofer. The RCA Pre-outs let you create the exact sound you want, with the focus on complete flexibility.

ROTARY COMMANDER

You can control all of your headunit's functions with the Rotary Commander single dial. The Rotary Commander works like a joystick, giving you speedy control over the headunit. Rotate it left or right, push it up, down, left or right or press it to navigate joystick-style through different radio stations or access folders and files.

SD CARD SLOT

Units with an SD Card Slot allow playback of audio and, depending on the unit, video files from SD cards

SONIC CENTER CONTROL

This advanced audio feature allows you to shift the ideal listening position – the sonic centre – of your audio system to a selected area of your car. Simply select where you want the sonic centre to be and the system will automatically adjust the timing of the appropriate speakers to suit your selection. The result is the optimum listening experience every time.

SOURCE LEVEL ADJUSTER

The Source Level Adjuster allows you to independently adjust the volume ratio between all of the unit's sources (using the FM volume level as a reference), so the start-up volume between sources will always be the same

STEERING WHEEL REMOTE INPUT

If your car features an existing steering wheel remote control, you can connect it to your Pioneer unit and take full control via that remote control*. By using an optional OEM remote control adapter, the unit can be hard-wired directly to the car's original remote control system via the mini-jack input at the back of the unit. A simple, convenient and safe feature that lets you keep both hands on the wheel.

* Find the correct adapter for your car at www.pioneer.eu

TOUCH SCREEN

All 2010 DVD Multimedia Stations feature a QVGA Touch Screen to give you easy control of your complete multimedia entertainment system. Big and bright, these displays give the clearest view of all AV sources and headunit functions, and they allow intuitive control over your whole system. A selection of different background designs are available, or use one of your own photographs for the background image. These high-quality screens are also great for watching your favourite movies and slideshows of your favourite photos.

VIDEO OUTPUTS/VIDEO INPUTS

Video Outputs and Inputs allow you to connect a range of AV sources, such as a camcorder or games console, to your unit

PIONEER WORLD

We don't just make products to entertain. Our aim is to move you, inspire you and give you the freedom to be yourself. Every aspect of planning, designing and constructing our products is done so with you in mind. It's all about choice – from experiencing true cinema quality in your living room, to having full multimedia entertainment on the road, to simply being able to enjoy your portable sources, like iPod, USB and SD, when it suits you. Everything's possible, in true Pioneer style. So, whatever you're doing, wherever you're going, however you're getting there, we help you to live life to the full.

EXPERIENCE ON EVERY LEVEL...

IN THE HOME

If you're looking for the best audio/visual experience in your home, look no further. When it comes to home AV products, Pioneer has a tradition of being the true reference for quality. Our philosophy is to always guarantee a superior experience. It's at the base of every product we design and build. So, whatever type of product you choose, whether it's for your music or your videos, you can rely on the fact that you'll be getting the ultimate experience every time.



IN THE CAR

Just because you're on the road, doesn't mean you have to make any sacrifices when it comes to your enjoyment. Our range of in-car products lets you get the most out every trip: from precise navigation to superior audio components to the easiest solutions for playing your portable sources in your car. There's a selection of products for every need and every taste, no matter what car you drive or what type of driver you are. Get set for a new life on the road



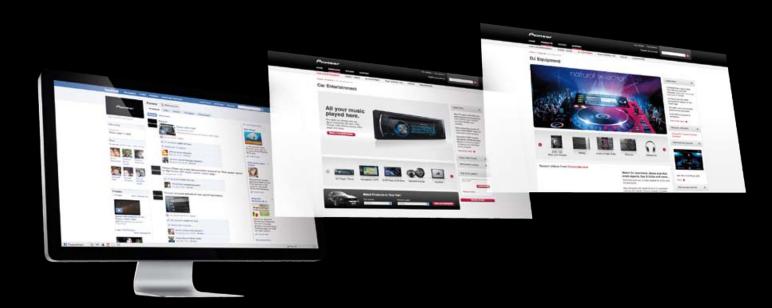
WHEREVER IT SUITS YOU

Music is a personal thing. That's why you should be able to enjoy it wherever and however you want. We believe that products for playing your music should fit your lifestyle, not the other way around. Take our brand new iPod Speakers Systems as an example. Now you can enjoy your iPod music wherever you are in the house, without having to wear your headphones. Just plug your iPod directly into the unit and select your tracks. It's a great way to share your iPod music with friends. For those who like to enjoy their music on the go, our range of Headphones can suit any musical taste, lifestyle and fashion sense. If you like to be more hands on, Pioneer's DJ equipment always gives you the last word when it comes to putting in a top performance. The first choice for club and bedroom DJs alike, these products are designed to stay in sync with the evolving ways DJs work and are constantly revolutionising the DJ scene.



PIONEER ONLINE

Go online and discover the world of Pioneer. Visit our website and learn everything you need to know about our products, get all of our latest news and updates and follow Team Pioneer as they compete in Europe's biggest sound quality competitions. You can also join us on facebook and see what we've been up to, meet other Pioneer fans and tell us what you think about our products. And that's just for starters. See you there!



THE BEST INFO

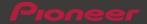
The Pioneer website offers extensive information for all products in our line-up. Familiarise yourself with all product features, learn about our exclusive technologies and see and download high-quality images. For our NavGate systems, you can also see which units best suit your car. Simply enter the make, model and year of your car and you'll be directed to the products that are the best match for you.

THE LATEST NEWS

Keep up to date with what's happening in Pioneer World. Not only can you read the latest Pioneer news online, but now you can get it straight on your desktop by downloading our RSS Newsfeed. You can also subscribe to receive regular mails containing our latest product information and special deals. The Pioneer website is also the place to get the latest product brochures, product manuals and software and firmware updates for your Pioneer equipment.



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For detailed information concerning Pioneer's Environmental Policy, please visit www.pioneer.eu/environment

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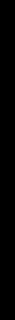
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