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*Pioneer*



# DON'T LOOK BACK

IN-CAR ENTERTAINMENT GUIDE 2009



# YOUR ROAD YOUR RULES








You now have the freedom to go your own way when it comes to in-car entertainment. Pioneer's innovative product line-up can be tailored around your individual needs and tastes – no matter what type of car you drive or what kind of driver you are. You get to make the rules. No compromise. No limits. Just follow your passion.

Find the perfect products for your car at [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

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# REDISCOVER THE ROAD



Driving is a personal thing. For some, the road is a sacred place. For others, it's simply the way to get from A to B. So isn't it about time your in-car system was designed with this in mind? NavGate signals a revolution in car electronics. These systems are built around you. They integrate into your life and enhance the aspects of driving that you find important. We've opened the gate to a new life on the road. It's up to you to go and grab it.

# TAKE A TRIP TO SOMEWHERE NEW

navGate

NavGate units are all-in-one navigation and multimedia centres. They are completely flexible when it comes to installation and can be customised to suit your own taste. Integrate, find, connect, play and, most importantly, have fun.

## PERFECT-FIT NAVIGATION



With NavGate, there's a custom-fit solution for any car and any driver. An extensive selection of installation set-ups is available, for smooth and seamless integration in all types of cars.

Find the perfect fit for your car at [www.pioneer.eu](http://www.pioneer.eu)





## FIND



At heart, Pioneer's NavGate units are about fast and precise navigation. All new NavGate models utilise extensive European map data from TeleAtlas and come with a TMC receiver for up-to-date traffic information.



Parrot

move wireless



## CONNECT



Stay connected on the road with Bluetooth® wireless technology. All new 2009 NavGate units feature a built-in Bluetooth module from Parrot, so you can enjoy hands-free conversations on your mobile or iPhone safely behind the wheel.



## PLAY



NavGate puts the fun back into driving. You now have the ability to turn your car into a complete mobile entertainment centre. Mix and match from a wide selection of multimedia formats, such as iPod, USB and SD, to enjoy your favourite music and video files on the road.



To see the full NavGate line-up, pick up the 2009 NavGate catalogue or visit [www.pioneer.eu](http://www.pioneer.eu)



# NAVIGATION THAT FITS AROUND YOU

navGate  
FEEDS

With NavGate Feeds, navigation is now customisable. This all-new PC application, which can be downloaded via the Pioneer website ([www.pioneer.eu](http://www.pioneer.eu)), enhances your driving experience with a range of interesting features.

## Google Maps MODIFY YOUR MAPS



With NavGate Feeds you can personalise the map content on your NavGate unit. When you find interesting locations on the internet, such as restaurants, hotels, sport clubs and camping areas on Google Maps™ mapping service\*, you can transfer them to your NavGate unit via an SD card or USB stick. These locations will then appear

as 'Points Of Interest' on your maps, in the form of easy-to-read icons. NavGate Feeds can also link to GeoRSS readers, so you can import locations from geotagged images you find on the internet.

\* Google Maps is a trademark of Google Inc.

## DRIVE REPORT

See an overview of your journeys and the number of kilometres you've travelled. Using the Drive Report feature of NavGate Feeds you can view trips you've made on a map, to which you can add comments. Useful when you need to calculate your travel expenses.



## ECO AND FUEL REPORT



NavGate Feeds now lets you see how economically you have been driving. Eco Report gives you an evaluation of your acceleration and brake data and also calculates your CO<sub>2</sub> emissions. You can then view a graphical representation of this data on your PC. Fuel Report helps you calculate how much fuel you have consumed for a specific trip or period of time and gives you a graphical representation of your mileage history.

# AV ADD-ONS

## BACK-UP CAMERAS

When connected to a NavGate unit, AV headunit or colour display with camera input, these back-up cameras give a wide-angle view of what's behind your car when in reverse. Choose either the ND-BC2 or ND-BC20PA universal

back-up camera. The ND-BC20PA features a visual DSP unit, to eliminate the wide-angle distortion effect, and 'Parking Guidelines', which make reverse parking extremely easy.



**ND-BC2**

UNIVERSAL BACK-UP CAMERA

**ND-BC20PA**

UNIVERSAL BACK-UP CAMERA WITH VISUAL DSP UNIT

## LCD COLOUR DISPLAYS

Pioneer's wide-screen colour LCD displays bring brilliant entertainment to the rear seat. Both screens have 2 AV inputs and 1 AV output. The AVD-W1100V features a headphone jack, while the AVD-W7900

features an IR headphone transmitter, for use with our optional SE-IRM290 IR headphones. The AVD-W7900 also features a complementary headrest mounting bezel, for easy installation.



**AVD-W1100V**

11-INCH WIDE-SCREEN VGA COLOUR DISPLAY



**AVD-W7900**

7-INCH WIDE-SCREEN QVGA COLOUR DISPLAY



**SE-IRM290**  
INFRA-RED HEADPHONES

## MULTI-DVD PLAYER

**XDV-P6**

MULTI-DVD PLAYER WITH DOLBY DIGITAL/DTS DIGITAL OUTPUT



Remote control included

Boost your in-car experience with an in-dash 6-DVD/CD changer and standalone DVD/CD player. The XDV-P6 handles DVD-Video, DVD-R/DVD-RW, VideoCD, CD/CD-R/CD-RW, MP3 and WMA playback.



Nothing beats the feeling of hearing your favourite tunes on the open road. That's why we designed our new range of headunits with your music in mind. It's your drive, so you should be able to enjoy it just the way you want to. There are solutions for any 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. You are now in charge of your in-car enjoyment. It's time to take control.

# TAKE THE WHEEL





# ALL YOUR MUSIC ALL YOUR VIDEOS ALL THE TIME

With Pioneer, there's no more saying goodbye to your music and videos when getting into your car. Our 2009 range of headunits offers complete playback and connectivity options, so all of your favourite audio and video entertainment is available when you really want it. SD, iPod, USB, Aux-in, DVD, CD, MP3, AAC, WMA, DivX: it's all possible. And that's only the beginning. So, what are you waiting for? Get out there and set your music free.

## SD CARD CONNECTIVITY

The DEH-P4100SD features an SD card slot, so you can take hours of music on the road with just one SD or SDHC card. Easy.



## iPod DIRECT CONTROL



With iPod direct control it takes just one easy connection to control your iPod directly from your headunit's front panel. Headunits are available for both iPod music and video playback.



# USB CONNECTIVITY



The USB terminal lets you hook up a range of sources, such as a USB stick with audio content or an MP3 player. All USB devices can be controlled directly from the headunit, so you can search and select tracks using the hard-key controls.



# AUDIO AND VIDEO PLAYBACK



**MP3**  **WAV AAC**   

When it comes to playing your favourite audio and video formats, our new range of headunits has got everything covered.

# AUX-IN CONNECTION



All headunits in the new range feature an Aux-in connection, which means you can connect a range of portable devices and take even more of your music on the road.



# THE COMPLETE AV EXPERIENCE

## DVD AV HEADUNITS

Get ready for the next era of in-car entertainment. Our 3 new DVD AV headunits are complete multimedia centres, offering impressive connectivity, playback and expansion options. All models feature a large screen display and touch panel operation, while their sleek designs give the finishing touch to any car dashboard. It's time to take multimedia to a whole new level.



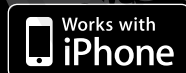
Features a 7-inch slide-down touch screen

## AVH-P4100DVD DVD AV HEADUNIT

Optional remote control available



USB



### 2009 AVH MODELS

If you're looking to get a complete in-car entertainment system, our new AVH models are the perfect solution. Thanks to their vast playback and connectivity options, entertainment will never take the back seat.

#### AUDIO PLAYBACK

**MP3** **AAC**

#### VIDEO PLAYBACK

**DIVX** **iPod Video**

#### EXPAND

- > 3 hi-volt RCA pre-outs (AVH-P4100DVD)
- > 2 hi-volt RCA pre-outs (AVH-P5100DVD, AVH-P3100DVD)
- > 2 video inputs, 1 video output, 1 back-up camera input
- > IP-Bus connectivity for optional CD-BTB200 Bluetooth adapter, multi-DVD player, TV tuner or digital signal processor

### PERFECT INTEGRATION



A range of installation kits is available for Pioneer's AVH models, so you'll always have the perfect fit for your dashboard\*. You can further integrate your AVH headunit with the **colour customisation** feature. Select your button colour illumination from a multitude of colours, to match your car's colour scheme.

\* Visit [www.pioneer.eu](http://www.pioneer.eu) to find the installation kit for your car



## AVH-P3100DVD

DVD AV HEADUNIT

Optional remote control available

Features a 5.8-inch touch screen



## EASY CONTROL OF YOUR MULTIMEDIA



Source menu



Song search

The AVH-P4100DVD and AVH-P3100DVD feature a user-friendly interface, making it simple to control headunit functions on screen. With the easy-to-read layout, selecting tracks and AV sources, as well as controlling multimedia functions, is now more convenient. For a personal touch, you can customise background visuals with pre-installed images or your own photographs. There's also the option of displaying iPod album artwork, provided that your iPod has this feature.

## SLIDE TOUCH

Slide touch is a handy new feature of the AVH-P4100DVD and AVH-P3100DVD. You can now perform certain functions, such as fast forwarding and rewinding audio and video files, simply by sliding your finger across the screen.



	AVH-P3100DVD	AVH-P4100DVD	AVH-P3100DVD
REAR USB	■	■	
FRONT USB			■
DIRECT CONTROL	■*	■**	■***
REAR AUX IN	■	■	
FRONT AUX IN			■
BLUETOOTH ADAPTER READY	■	■	■
MP3	■	■	■
AAC	■	■	■
DIGITAL RECORDING READY	■	■	■
DVD (E/R)	■	■	■
DVD VIDEO	■	■	■
DIVX	■	■	■
3 RCA PRE-OUTS		■	
2 RCA PRE-OUTS	■		■
HI VOLT PRE-OUT	■	■	■
DIRECT SLAVE DRIVE	■	■	■
MOSFET 50 W X 4	■	■	■
RDS	■	■	■
3-BAND PEQ	■	■	■
ASR	■	■	■
HPF/LPF	■	■	■
COLOUR CUSTOMISATION	■	■	■
OEM REMOTE READY	■	■	■
TEL MUTE	■	■	■

\* Via optional CD-IU205V cable

\*\* Via optional CD-IU200V cable

\*\*\* Via optional CD-IU50V cable

The key features of each product are indicated by means of icons and logos. For an explanation of these icons and logos, please see pages 78-79.

For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)





## AVH-P5100DVD

DVD AV HEADUNIT

Optional remote control available



### FULLY DETACHABLE FACEPLATE

For your peace of mind, the AVH-P5100DVD has a fully detachable face. Simply unclip the faceplate to leave just a blank back panel in your car.



### 7-INCH FOLDAWAY SCREEN

At the touch of a button, the AVH-P5100DVD opens to reveal a motorised 7-inch QVGA touch panel display. So, you get the benefit of having a compact 1-DIN unit, without having to sacrifice on screen size. And because it's a touch panel, you can control headunit features and functions directly on screen.



### PERSONALISE YOUR SYSTEM

Thanks to **colour customisation**, you can perfectly integrate the AVH-P5100DVD into your car's interior. Choose from a selection of colours for the button illumination and on-screen display.

# THE PERFECT BALANCE

## DVH-P4100UB

The DVH-P4100UB offers the perfect mix of entertainment and flexibility. The unit's playback capabilities allow you to enjoy your favourite audio and video files, while its connectivity and expansion options let you attach a range of music sources and audio components. The DVH-P4100UB also comes with an IR remote control for convenient and complete control over your in-car entertainment system.



## DVH-P4100UB

DVD RDS TUNER

Remote control included

DVD/CD slot hidden behind the flap-style front panel



## FRONT USB MUSIC AND VIDEO WITH ONE CONNECTION



The DVH-P4100UB's **front USB terminal** can be used to connect either an iPod, iPhone or USB device. The headunit supports both iPod music and video playback.

## 2 RCA PRE-OUTS EXPAND YOUR SYSTEM

Want to build the perfect in-car environment for enjoying your music and videos? The DVH-P4100UB features **2 RCA pre-outs**, so you can expand your system with extra amps, speakers and a subwoofer. There's also the option of adding one or more LCD colour displays, to watch your videos in widescreen format.

- FRONT USB
- DIRECT CONTROL
- FRONT AUX IN
- BLUETOOTH-READY
- MP3
- MP3 WMA
- AAC
- DIGITAL FILTER
- DVD R/W
- DVD VIDEO
- DIVX
- 2 RCA PRE-OUTS
- MOSFET 50 W X 4
- RDS
- ASR
- COLOUR CUSTOMISATION
- OEM REMOTE READY
- OEM DISPLAY OUTPUT
- TEL MUTE

\* Via optional CD-IU50V cable

The key features of each product are indicated by means of icons and logos. For an explanation of these icons and logos, please see pages 78-79.

For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)



## COLOUR CUSTOMISATION THE BEST MATCH

The DVH-P4100UB features **colour customisation**. Choose between red and blue for the button illumination, to better match your headunit with your dashboard.



# SMOOTH OPERATORS

## BLUETOOTH CD TUNERS

Worried about picking up? With Pioneer's new Bluetooth CD tuners, making those all-important calls has now become stress-free. Integrated Parrot Bluetooth technology enables hands-free telephony and audio streaming, so you can make calls with both hands on the wheel. User-friendly control of your contacts also makes it that much easier to talk on the road. When the conversation's over, enjoy your favourite music thanks to the wide connectivity and playback options.

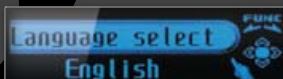


**DEH-P8100BT**  
BLUETOOTH CD RDS TUNER

Steering wheel remote control included



### MULTI-LANGUAGE INTERFACE\*



\* Available in English, French, German, Italian, Spanish, Dutch and Russian for the DEH-P7100BT and DEH-P8100BT



### TWIN USB/iPod

The DEH-P8100BT features **2 rear USB terminals**, so you can simultaneously connect 2 iPod models, 2 USB devices or a combination of both.



**DEH-P7100BT**  
BLUETOOTH CD RDS TUNER

Optional steering wheel remote control available



### VOICE RECOGNITION

The DEH-P8100BT and DEH-P7100BT feature **voice recognition** control. This means you can perform certain Bluetooth telephony functions simply by speaking to your headunit\*.

\* Available in English, French, German, Italian, Spanish and Dutch



### ULTIMATE SYSTEM EXPANSION

The DEH-P8100BT and DEH-P7100BT both have **3 hi-volt RCA pre-outs**, which means you can build a system that perfectly suits your needs. If you like to tweak your audio, the **7-band graphic equaliser** lets you adjust equalisation levels to best match the acoustics of your car.



## DEH-6100BT BLUETOOTH CD RDS TUNER

Optional steering wheel  
remote control available



### FRONT USB DIRECT CONTROL FRONT AUX IN EVERYTHING COVERED

The DEH-6100BT offers the complete package. The built-in Bluetooth module allows hands-free telephony and audio streaming, with Bluetooth functions available in 3 languages: English, Spanish

and Russian. The unit also has a **front USB terminal** and **front Aux-in terminal**, so you can connect a wide range of portable audio devices.

## 2009 BLUETOOTH FEATURES

### PARROT BLUETOOTH MODULE

Pioneer's Bluetooth CD tuners now feature a Parrot Bluetooth module. Parrot modules are compatible with a wide range of mobile phones and can be updated when new phones are launched.



move wireless



### AUDIO STREAMING

Thanks to their audio streaming profile, our Bluetooth CD tuners let you stream your favourite songs from your mobile phone to your headunit. This music can then be controlled directly from your headunit.

### EXTERNAL MICROPHONES

All new Bluetooth models features external microphones that can be adjusted in all directions to better pick up the driver's voice. The DEH-P8100BT comes with a twin microphone, which cuts out noise from the outside of the car by focusing on the area surrounding the driver.



### PHONEBOOK CAPABILITIES

Transfer your contacts to your Bluetooth headunit using your mobile phone. These Bluetooth models can store phonebooks from a maximum of 5 different phones. Each phonebook can hold a

maximum of 1000 entries, and 5 phone numbers and genres can be stored for each independent entry.

	DEH-P8100BT	DEH-P7100BT	DEH-6100BT
REAR USB	★	★	
FRONT USB			★
DIRECT CONTROL	★★	★★	★★
REAR AUX IN	★	★	
FRONT AUX IN			★
MP3	★	★	★
WAV	★	★	★
AAC	★	★	★
DISC	★	★	★
3 RCA PRE-OUTS	★	★	
2 RCA PRE-OUTS			★
HI VOLT PRE-OUT	★	★	
DIRECT SUB DRIVE	★	★	★
MOSFET 50 W X 4	★	★	★
RDS	★	★	★
1-BAND GEO	★	★	
3-BAND PEQ			★
ASR	★	★	★
ASL	★	★	★
HPF/LPF	★	★	★
SLA	★	★	★
ROTARY COMMANDER	★	★	★
OEL DISPLAY	★	★	
MULTI LANGUAGE	★	★	
VR	★	★	
OEM REMOTE READY	★	★	★
OEM DISPLAY OUTPUT	★	★	

\* Features 2 rear USB terminals

\*\* Via optional CD-IU50 cable

The key features of each product are indicated by means of icons and logos. For an explanation of these icons and logos, please see pages 78-79.

For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Find out if your mobile phone is compatible at [www.pioneer.eu](http://www.pioneer.eu)



Card-type remote control included

## DEH-P5100UB CD RDS TUNER



USB



Made for  
iPod



Works with  
iPhone



### HEAR THE DIFFERENCE

The DEH-P5100UB's **7-band graphic equaliser** lets you customise equalisation levels to best match the acoustics of your car. To compensate for outside noise, the **Automatic Sound Leveliser (ASL)** uses signal processing to automatically and electronically adjust the internal volume, so your music always sounds right.



### BLUE OEL DISPLAY

Pioneer's blue OEL (Organic Electro-Luminescent) display makes taking charge of your music even easier. 3 lines of information make it more convenient to search and select tracks from USB and iPod, while the 192 x 48 resolution allows all information to be displayed clearly.



### MULTI-LANGUAGE SELECTION

The DEH-P5100UB has a **multi-language user interface**, which means you can view all information in your language of choice\*.

*\* Available in English, French, German, Italian, Spanish, Dutch and Russian*

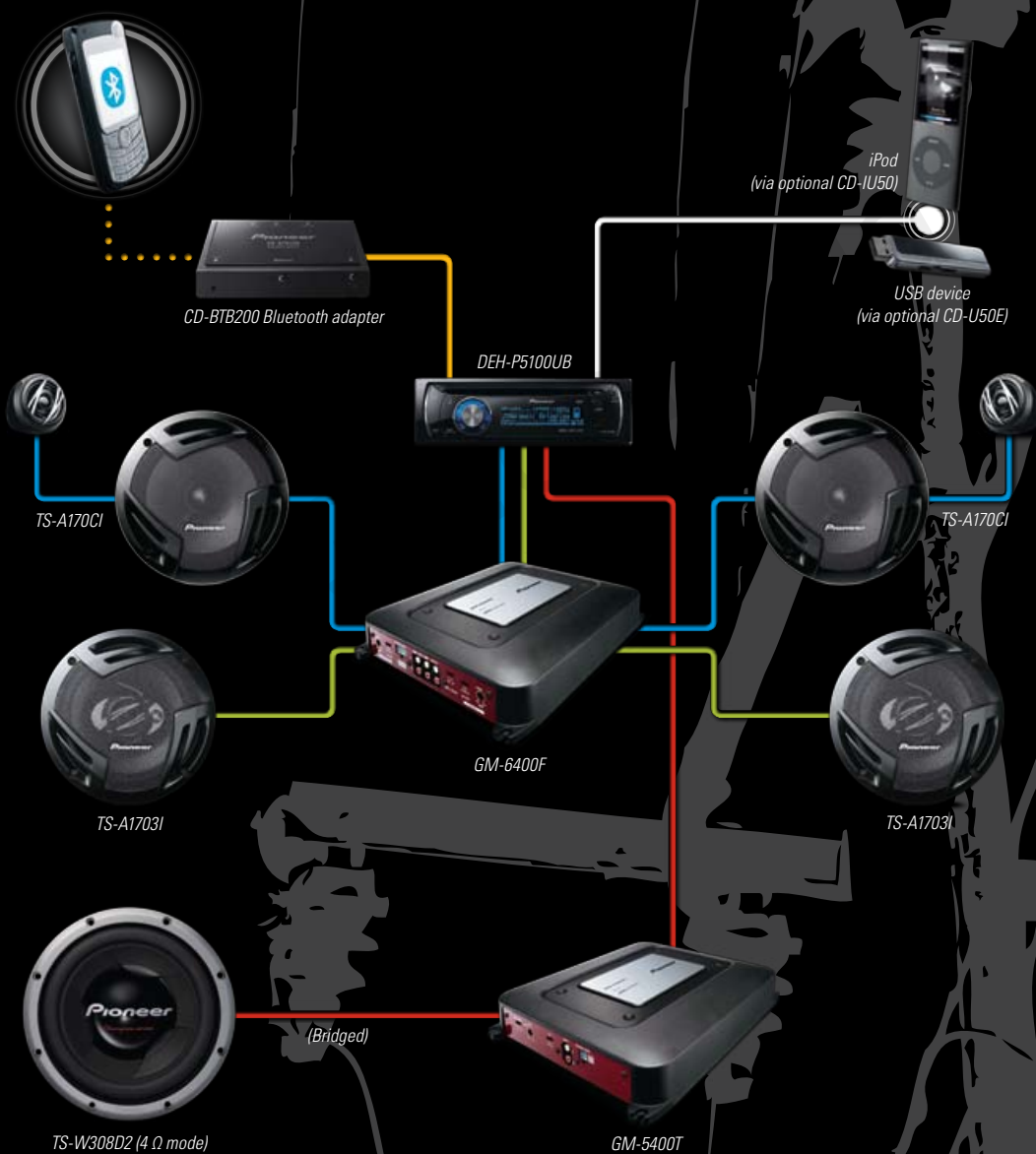


# NEVER COMPROMISE

## DEH-P5100UB

The DEH-P5100UB will be your perfect partner in achieving the ultimate in-car sound experience. Its 3 hi-volt RCA pre-outs let you boost your audio performance with extra amps, speakers and subs. A range of advanced audio features lets you adjust your music to suit your preferred musical tastes. To top it off, the DEH-P5100UB can easily connect to your iPod and USB devices.

## BUILD YOUR IDEAL SYSTEM



- Front RCA pre-out
- Rear RCA pre-out
- Subwoofer RCA pre-out
- Front USB terminal
- IP-Bus connection

DEH-P5100UB

- FRONT USB** ■
- DIRECT CONTROL** ■\*
- FRONT AUX IN** ■
- BLUETOOTH ADAPTER READY** ■
- MP3** ■
- WAV** ■
- AAC** ■
- DIGITAL FILTER** ■
- 3 RCA PRE-OUTS** ■
- HI VOLT PRE-OUT** ■
- DIRECT SUB DRIVE** ■
- MOSFET 50 W X 4** ■
- RDS** ■
- 7-BAND GEO** ■
- ASR** ■
- ASL** ■
- HPF/LPF** ■
- SLA** ■
- ROTARY COMMANDER** ■
- OEL DISPLAY** ■
- MULTI LANGUAGE** ■
- OEM REMOTE READY** ■
- OEM DISPLAY OUTPUT** ■
- TEL MUTE** ■

\* Via optional CD-IU50 cable

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For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

# CONNECT TO ALL YOUR MUSIC

## MULTI-FORMAT CD TUNERS

Wherever your music is stored, you can now take it with you on the road. The DEH-P4100SD and DEH-P3100UB offer ultimate connectivity options, so you can connect a range of portable audio sources and take all of your music along for the ride. Both models also let you connect the CD-BTB200 Bluetooth adapter, so you can even enjoy streaming music from a mobile phone. It's time to get connected.



## DEH-P4100SD

CD RDS TUNER

Optional remote control available



### SD ALL YOUR MUSIC ON ONE SD CARD



Remove the front panel of the DEH-P4100SD to reveal the SD card slot

The DEH-P4100SD has an SD card slot discreetly hidden behind its front panel. Simply insert one SD or SDHC card and enjoy your entire music collection on the go. There's no more worrying about having to leave your entire CD collection or portable audio player in your car. It's the most convenient way to take your music on the road.

### ROTARY COMMANDER ONE POINT OF CONTROL

The DEH-P4100SD features Pioneer's **rotary commander**, which gives you easy control over all headunit features and functions. It makes browsing through folders and files quick and easy, which is convenient when you are playing music from one of the many portable audio sources you can connect to the DEH-P4100SD.

### 1 RCA PRE-OUT DIRECT SUB DRIVE 3-BAND PEQ EXPANSION FLEXIBILITY

Connect an amplifier and speakers to the **1 RCA pre-out**, and run a subwoofer directly from your headunit using **direct sub drive**. You can also adjust your equalisation levels using the **3-band parametric equaliser**.



CD RDS TUNER

Optional remote control available



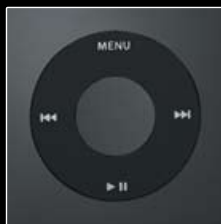
**FRONT USB DIRECT CONTROL** DIRECT iPod AND USB CONNECTION

The DEH-P3100UB's **front USB terminal** is the one-stop port for connecting an iPod\* or USB device\*\*. Without the need for any additional adapters, this is a quick and easy way to access your digital music collection while you are driving.

\* Use the optional CD-IU50 cable, specially made for in-car use

\*\* Use the optional CD-U50E cable to safely connect while driving

**FRONT USB DIRECT CONTROL** iPod DIRECT CONTROL



With iPod direct control, it takes just one easy connection to control your iPod directly from your headunit. Browse through artists and playlists and select tracks with a simple turn and click of the DEH-P3100UB's rotary commander.

**OEM DISPLAY OUTPUT** COMPLETE INTEGRATION



Thanks to the DEH-P3100UB's **OEM display output**, you can view information on your existing in-car display\*.

\* Find the correct adapter for your car at [www.pioneer.eu](http://www.pioneer.eu)

	DEH-P4100SD	DEH-P3100UB
	■	■
<b>FRONT USB</b>	■	■
<b>FRONT DIRECT CONTROL</b>	■*	■*
<b>FRONT AUX IN</b>	■	■
<b>BLUETOOTH ADAPTER READY</b>	■	■
<b>MP3</b>	■	■
	■	■
<b>WAV</b>	■	■
<b>AAC</b>	■	■
	■	■
<b>11 RCA PRE-OUT</b>	■	■
<b>DIRECT SUB DRIVE</b>	■	■
<b>MOSFET 50 W X 4</b>	■	■
<b>RDS</b>	■	■
<b>3-BAND PEQ</b>	■	■
<b>ASR</b>	■	■
<b>HPE/LPF</b>	■	■
<b>SLA</b>	■	■
<b>ROTARY COMMANDER</b>	■	■
<b>15 CHARACTER DISPLAY</b>	■	■
<b>OEM REMOTE READY</b>	■	■
<b>OEM DISPLAY OUTPUT</b>	■	■
<b>TEL MUTE</b>	■	■

\* Via optional CD-IU50 cable

The key features of each product are indicated by means of icons and logos. For an explanation of these icons and logos, please see pages 78-79.

For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)



# YOUR MUSIC FIRST

## HIGH POWER CD TUNERS

Simply want to enjoy your favourite music in your car in the best quality possible? With our new entry-level CD tuners, the focus is back on your enjoyment. It takes just 3 ingredients: you, your music and your car. We'll do the rest. Take a drive with Pioneer. You'll be surprised at the difference it makes.

## DEH-2100UB/DEH-2120UB

CD RDS TUNER



The DEH-2120UB features green button illumination

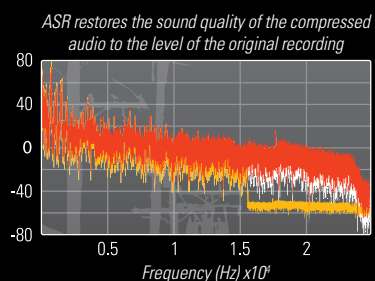
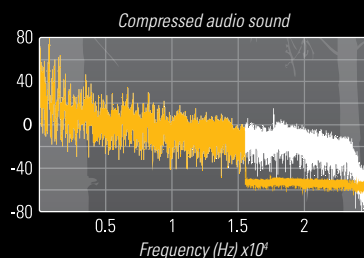
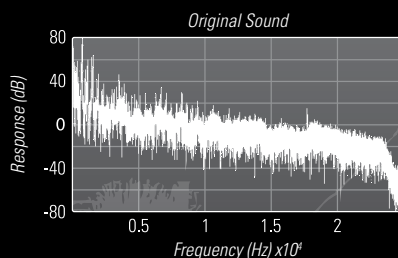


## FRONT USB FRONT USB CONNECTION



The **front USB terminal** is the convenient way to play compressed music on the road. For safe connection of USB devices while you are driving, Pioneer offers the 50 cm long CD-U50E cable.

## ASR ADVANCED SOUND RETRIEVER



Experience your compressed music like never before with Pioneer's **Advanced Sound Retriever (ASR)**. While compressed audio may be convenient, it can result in inferior sound quality. The ASR restores harmonics that are lost during compression by using compressed audio data to calculate the original harmonics and enabling their recreation based on the calculation algorithm.

Pioneer's ASR adjusts frequency response and sound pressure, especially in the high frequency and low frequency ranges to revitalise the density and presence of the compressed signal. The result? Improved sound quality with the staging, density and feeling restored to the level of the original recording.

# MP3 WMA WAV

CD RDS TUNER



The DEH-1120MP features green button illumination



The DEH-1100MPB features a blue display

	DEH-2100UB DEH-2120UB	DEH-1100MP DEH-1120MP DEH-1100MPB
FRONT USB	■	
FRONT AUX IN	■	■
MP3	■	■
WMA	■	■
WAV	■	■
1 RCA PRE-OUT	■	■
MOSFET 50 W X4	■	■
RDS	■	■
ASR	■	
SLA	■	■
STEERING WHEEL REMOTE READY	■	■
TEL MUTE	■	■

The key features of each product are indicated by means of icons and logos. For an explanation of these icons and logos, please see pages 78-79.

For full features and specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## PLAY YOUR FAVOURITE FILES

**MP3**



**WAV**

Take your favourite music files on the road, thanks to **MP3**, **WMA** and **WAV** playback.



## BUILD UP YOUR SYSTEM

The **1 RCA pre-out** lets you expand your sound system with an amplifier and speakers.



## CONNECTION FLEXIBILITY



Connect a range of portable audio players to the **front Aux-in**.



## SAFETY FIRST

The **steering wheel remote input** allows you to have easy and safe control of your music. If your car features an existing steering wheel remote control, you can hook your headunit up to that remote via an optional adapter\* and take control with both hands on the wheel.

\* Find the correct adapter for your car at [www.pioneer.eu](http://www.pioneer.eu)

# ACCESSORIES

## BLUETOOTH ADAPTER

**CD-BTB200**



Enjoy hands-free telephony and audio streaming in your car. With the CD-BTB200, your headunit will automatically pick up your Bluetooth-enabled\* mobile phone's signal, meaning you can have a conversation while your phone is in your pocket or bag.

The adapter also lets you play streaming audio from a Bluetooth-enabled mobile phone or audio player.

\* Find out whether your mobile phone is compatible at [www.pioneer.eu](http://www.pioneer.eu)



## 5.1 MULTI-CHANNEL DIGITAL SIGNAL PROCESSOR

**DEQ-P6600**



With a built-in Dolby Digital/DTS/Dolby Pro Logic II decoder, the DEQ-P6600 will wrap you in impressive 5.1-channel surround sound – for DVD-Video and audio sources.

## TV TUNER

**GEX-P5700TVP**



Remote controle included

With the GEX-P5700TVP hideaway PAL TV tuner, you can enjoy analogue television broadcasts in your car. So, even if you're running late, you'll never have to miss your favourite shows.

## REMOTE CONTROLS

**CD-R320**

CARD-TYPE REMOTE CONTROL



The CD-R320 is an optional card-type remote control for the DEH-P3100UB, DEH-P4100SD, DEH-6100BT and DEH-P7100BT headunits.

**CD-SR100**

STEERING WHEEL REMOTE CONTROL



Operate the most frequently used audio functions directly from your steering wheel. This is an optional remote control for the DEH-P3100UB, DEH-P4100SD and DEH-P5100UB.

**CD-SR120**

STEERING WHEEL REMOTE CONTROL WITH VOICE RECOGNITION AND BLUETOOTH OPERATION



With the CD-SR120 you can operate Bluetooth functions and activate voice recognition all from your steering wheel. This is an optional remote for the DEH-6100BT\* and DEH-P7100BT.

**CD-R55**

REMOTE CONTROL



The CD-R55 is an optional remote for all AVH models and gives you convenient control over headunit and DVD functions.

\* Voice recognition is not available for the DEH-6100BT



## **CDIRECT** CABLES FOR iPod MUSIC AND VIDEO PLAYBACK

Use one of these cables to easily connect your iPod to your headunit. Visit [www.pioneer.eu](http://www.pioneer.eu) for a detailed overview of iPod compatibility with our headunits.



**CD-U50**  
iPod-TO-USB INTERFACE CABLE

Cable for music playback. Compatible with the DEH-P3100UB, DEH-P4100SD, DEH-P5100UB, DEH-6100BT, DEH-P7100BT and DEH-P8100BT.



**CD-U50V**  
iPod VIDEO CABLE

Cable for music and video playback. Compatible with the DVH-P4100UB and AVH-P3100DVD.



**CD-U200V**  
iPod VIDEO CABLE

Cable for music and video playback. Compatible with the AVH-P4100DVD.



**CD-U205V**  
iPod VIDEO CABLE

Cable for music and video playback. Compatible with the AVH-P5100DVD.



## **FRONT USB** USB CABLE



**CD-U50E**  
USB EXTENSION CABLE

As connecting a USB device directly to a front USB terminal can interfere with driving, Pioneer offers the CD-U50E USB extension cable. This 50 cm cable lets you connect a USB device to your headunit safely and is compatible with all Pioneer headunits that feature a front USB terminal.

## **FRONT AUX IN** **REAR AUX IN** AUX CABLES



**CD-V150M**  
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.



**CD-RM10**  
MINI-JACK RCA AV CABLE

The CD-RM10 mini-jack cable can be used in combination with a DVH or AVH headunit. Use the auxiliary input 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).





# MAKE NO EXCUSES

What does it take to be a leader? The desire to achieve greatness? The strength to push beyond the limits? Yes, these are all important. But you get nowhere without passion. If you are passionate about sound, we've got the equipment you need to take your listening experience to a new level. Whether you like it pure or you need it loud, let us help you reach the goal of exhilarating audio perfection.



# IT'S ALL ABOUT YOU

## PASSION

We have a passion for audio. It excites and enthral us. Because it's our passion, we want to share it. Our motivation is to give you, our fellow audio lovers, products that let you get the best out of your music. Because nothing can move you like a true audio experience. We've always said our goal is to "move the heart and touch the soul". And that's what real audio does for us.

## INSPIRATION



Creating better sound is about listening. Not just to the music, but also to the people who value sound quality and performance audio. We are deeply involved in the sound competition scene, both for high quality sound and SPL. These events allow us to test our best products in the most demanding environments, but also give us the opportunity to share ideas with people who really care about audio. This gives us the inspiration to push forward, helping us break the boundaries of what is expected from audio products and further fuelling our love of sound.

## INNOVATION



Our design process is the bringing together of innovative ideas and signature technologies. The aim is to give audio fans something they don't see everyday. Everything we do is with your music in mind. Unique concepts, such as Open & Smooth™ technology and the

incorporation of basalt fibres in our speaker cones, have been developed to truly enhance your listening experience. While unique design principles, such as the Air Suspension System, have eased installation, making quality audio accessible to more people.

# HEAR THE DIFFERENCE

## SUPERIOR SOUND

Good music needs to be heard in the best quality possible. That's why we have created a range of 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 speaker series 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.

When it comes to achieving superior sound, we have a complete range of product solutions, all delivering a sound experience you won't find anywhere else.

Want to experience superior sound? Go to pages 32-58



# TIME TO STEP UP

## PERFORMANCE AUDIO

Never compromise on performance. That's the design philosophy behind 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. We use the same mentality when designing our Pro DJ equipment. Designed using input from professional DJs, who are required to give a top performance night after night, this range of products offers the reliability and quality they stake their reputation on. Our tuning subwoofers have been designed using feedback from professional SPL competitors. This input has helped us create a range of products that really gets to the heart of what performance audio fans require.

If you're looking for exhilarating audio, we've got something that's right up your alley. Just check out our range of performance audio products and don't look back.

Want to put in a top performance? Go to pages 60-73





# A PASSION FOR SUPERIOR SOUND

## THE FIRST CHOICE FOR THOSE WHO CARE ABOUT MUSIC

Because the way your music sounds is important, we continually push ourselves to create products that can exceed the limits of sound purity. Our Optical Digital Reference (ODR) system and Pioneer Reference Series (PRS) are testament to this fact. You deserve the best for your music. That's why, for audiophiles and audio enthusiasts alike, we have always been the first choice.



We'd like to introduce our very own team of audiophiles. Team Pioneer consists of the best car audio installers Europe has to offer. As they regularly compete in the scene's most demanding sound challenges, they require the best audio components available. That's where we come in. It's the perfect partnership. While Team Pioneer competes using our audio components, we get valuable insight into how our products perform on the biggest stage. Everything we learn goes into making our products more capable of handling your music.



## EUROPEAN NUMBER ONE



The winning team at the 2008 EMMA European Finals in Wels, Austria



As far as high-quality sound competitions go, the EMMA (European Mobile Media Association) European Finals is where it really counts. Only open to the top 2 cars from each nation, this competition pits the best against the best. At the 2008 finals in Wels, Austria, Team Pioneer was crowned with 6 European champions, 5 vice European champions and also picked up 3 third-place finishes.

# A COMMITMENT TO YOUR MUSIC

## IT'S A PERSONAL THING

Just as a good song requires the perfect combination of elements – rhythm, melody, lyrics – creating your perfect in-car sound system is about choosing the best components to suit your needs. Whether you're an audiophile who cares about reproducing music in its purest form or an audio enthusiast looking to relive the experience of your favourite live performance, selecting the best equipment for you is essential. We have conveniently grouped our superior sound products to help you find the perfect solution.

## SUPERIOR SOUND FOR AUDIOPHILES

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 aid 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?

- P34 Optical Digital Reference system
- P36 RS speaker series
- P38 High-end Pioneer Reference Series
- P42 High-quality Pioneer Reference Series

## SUPERIOR SOUND FOR AUDIO ENTHUSIASTS

You care about music. It's part of your 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 pure and smooth sound or simply an upgrade in quality from your original factory-installed speakers, there's something here for you.

- P44 High-quality TS-E speaker series
- P48 Space-saving solutions
- P50 Easy installation solutions
- P52 Custom-fit solutions
- P56 Easy upgrade solutions

# THE PUREST SOUND AROUND

## OPTICAL DIGITAL REFERENCE (ODR) SYSTEM

Let us introduce the result of our search for perfect in-car sound: the Optical Digital Reference system. A masterpiece of engineering, this system reproduces a sound so pure, you'll feel like you've discovered music all over again.



**RS-D7R0**  
SYSTEM CONTROL CD TUNER

## THE PERFECT COMBINATION

The foundation of the ODR system is an optical digital connection between the CD tuner and amplifier, which guarantees the most accurate transmission of the audio signal to the speakers. There's no noise and no distortion, just perfect in-car sound.

## RS-A9

DIGITAL POWER AMPLIFIER WITH INTEGRATED DSP



## RS-A7

DIGITAL POWER AMPLIFIER

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

# A WINNING COMBINATION

## TEAM PIONEER AND ODR



**TEAM**  
pioneer

It's the perfect combination of high-quality products and installation expertise that makes Team Pioneer so successful in high-quality sound competitions. These contests are all about reproducing music as close to the original sound as possible. The goal is sound purity, not to be the loudest or most powerful. It's here that Team Pioneer has proven the ODR system and RS speakers to be top of their class.

## CONTINUED SUCCESS

In the three years since its inauguration, Team Pioneer has come to dominate the European competition circuit. In 2006, its first year of competing, the team was already crowned with a vice European champion. In 2008, the team won close to 50 % of all entered competitions and now boasts 19 national champions, 6 European champions and 5 vice European champions.

### 2007 RESULTS

#### Overall results for 2007:

- 11 national champions
- 48 first-place cups
- 15 second-place cups
- 5 third-place cups
- Podium places in 76 % of all entered competitions

#### 2007 EMMA European Finals:

- 1 European Best of Show car
- 1 European Best of Sound title
- 2 European champions
- 5 vice European champions
- 1 third-place finish

#### 2007 IASCA European Finals:

- 1 European Second-best of Sound award

### 2008 RESULTS

#### Overall results for 2008:

- 19 national champions
- 98 first-place cups
- 42 second-place cups
- 20 third-place cups
- Podium places in 79 % of all entered competitions

#### 2008 EMMA European Finals:

- 6 European champions
- 5 vice European champions
- 3 third-place finishes



**EMMA** IASCA  
european mobile media association

Follow the team at [www.pioneer.eu/teampioneer](http://www.pioneer.eu/teampioneer)

# THE PINNACLE OF SOUND REPRODUCTION

## RS SPEAKER SERIES

The perfect accompaniment to the ODR system, RS speakers are the outcome of years of fine-tuning by Pioneer's top engineers. The results are simply astounding. Handcrafted by skilled technicians, they guarantee every sound your hear resonates with rich texture. You think you know sound? You've heard nothing yet.



**TS-101RSII**

3.5 CM SUPER WIDE-RANGE TWEETER

**TS-S01RSII**

7.7 CM MIDRANGE

**TS-M01RSII**

17 CM MID-BASS DRIVER

**TS-W01RSII**

25 CM SUBWOOFER

**UD-N01RSII**

2-WAY PASSIVE CROSSOVER NETWORK



For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

# THE CHOICE OF CHAMPIONS

## ODR WINS AGAIN



**TEAM**  
pioneer

While 2007 and 2008 were two very successful years for Team Pioneer, one member in particular stood out from the crowd. In 2007, Norway's Ketil Skjei scooped up both the Best of Sound and Best of Show awards at the EMMA European Finals, while in 2008 he became European champion in the EMMA Master 7 category. His award-winning BMW 728iL is fitted with 100 % Pioneer products, including an ODR headunit and amplifiers and the full range of RS speakers.

## THE FIRST CHOICE



It's no coincidence that so many Team Pioneer members choose ODR and RS components for competing on the biggest stage. Using only ODR and RS components for their car installs, Germany's Dirk Wölfinger and Norway's Anders Fleischer have enjoyed great success on the European competition scene. Dirk Wölfinger is current European champion in the EMMA Master Unlimited category, while Anders Fleischer is current European champion in the EMMA Advanced 5 category.

## HOW YOU BENEFIT FROM THE TEAM'S SUCCESS



While Team Pioneer keeps winning, our engineers keep learning. At Pioneer, we see the high-quality competition scene as a test field for our products, a chance to see how they perform under the hardest conditions. What we learn at the highest level is

transmitted to the whole Pioneer range. Whatever product we are developing, we always apply the same winning mentality, to ensure all of our products live up to the reputation of our high-end audio components.

Follow the team at [www.pioneer.eu/teampioneer](http://www.pioneer.eu/teampioneer)

# DISCOVER A NEW SOUND EXPERIENCE

## HIGH-END PIONEER REFERENCE SERIES (PRS)

By using the most advanced components and innovative technologies, this PRS system offers unsurpassed quality and sophisticated designs. It's time to get behind the wheel and take your music to a new level.



**RS-P90**  
UNIVERSAL DIGITAL PREAMPLIFIER



**AXM-P90RS**  
AUDIO MASTER UNIT



**DEX-P90RS**  
COMPONENT CD RDS TUNER

*Remote control included*

**DEO-P90**  
DIGITAL PREAMP/EQUALISER



## THE ULTIMATE FACTORY UPGRADE

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 preamplifier, to realise the ideal sound field of your car.

## THE SYSTEM OF CHOICE

The high-end PRS has a reputation for being the best high-end car entertainment system around. That's because it remains to be the system of choice for competitors on the high-quality sound circuit. And once you've experienced it, you'll definitely hear why.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

## READ ALL ABOUT IT

"The PRS-A900 is top-notch. The efforts to develop one of the most distortion-free and at the same time most powerful amps in its class have finally paid off. For those looking for a high-end power amp to complete their front system, it has just arrived."

*Car & hifi* magazine (Germany)



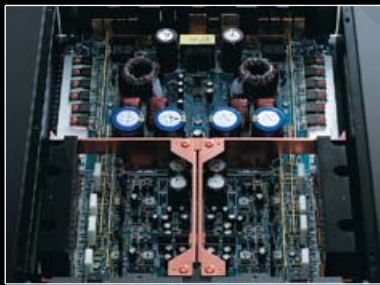
## PRS-A900

### 4-CHANNEL BRIDGEABLE POWER AMPLIFIER

4 x 100 W (4  $\Omega$ )/2 x 200 W (4  $\Omega$ ) max.

4 x 50 W (4  $\Omega$ )/2 x 100 W (4  $\Omega$  bridged) continuous output power

## PERFECT SYMMETRY



The PRS-A900's left and right channel circuits have been positioned completely symmetrically and are separated by a copper-coated T-shaped partition board. This blocks out radiation noise from the power supply, resulting in minimum distortion and maximum sound intensity and clarity. The PRS-A900 also has no crossover function, which ensures the left and right channels are completely isolated. This reduces noise and enhances the overall sound experience.

## TOTAL VIBRATION CONTROL CONCEPT



**Total Vibration Control** Natural vibrations of a car can be transferred to components inside an amplifier, affecting sound quality. The PRS-A900's patented sandwich construction keeps power transistors firmly in place, reducing the effects of vibration, while the H-shaped chassis absorbs the outer vibration.

## THE PERFECT BALANCE



**TEAM pioneer** Using 5 PRS-A900 amplifiers, Team Pioneer member Viktor Ivanov has created a car installation based on the principles of symmetry and vibration control. This installation helped him become the European champion in the EMMA Multimedia Expert category in 2008.

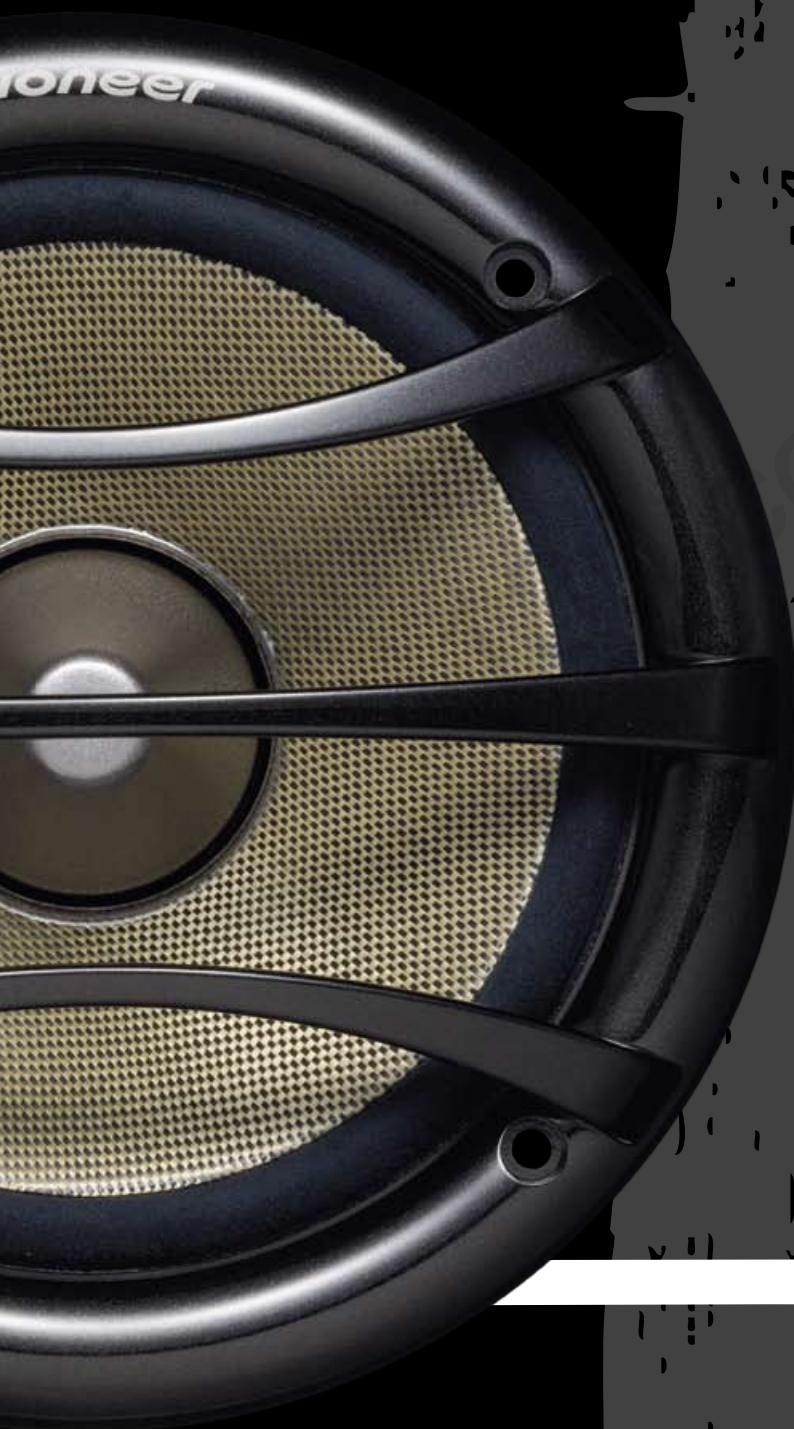


# REACH A NEW LEVEL OF SOUND

## PRS HIGH-CLASS SPEAKERS



Pioneer's PRS speakers are for those who really care about reproducing top-quality audio. The choice for serious contenders on the high-quality sound competition scene, they literally wrap you in pure, powerful sound.



### PRS HIGH-CLASS COMPONENT SPEAKERS

**TS-T031PRS** 200 W MAX.  
2.8 CM TWEETER

**TS-S101PRS** 60 W MAX.  
10 CM MID-HIGH RANGE DRIVER

**TS-M171PRS** 200 W MAX.  
17 CM MID-BASS DRIVER



For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

## PRS HIGH-CLASS SEPARATE COMPONENT SPEAKER SYSTEMS

### TS-C171PRS

### 200 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

50 W nominal input power

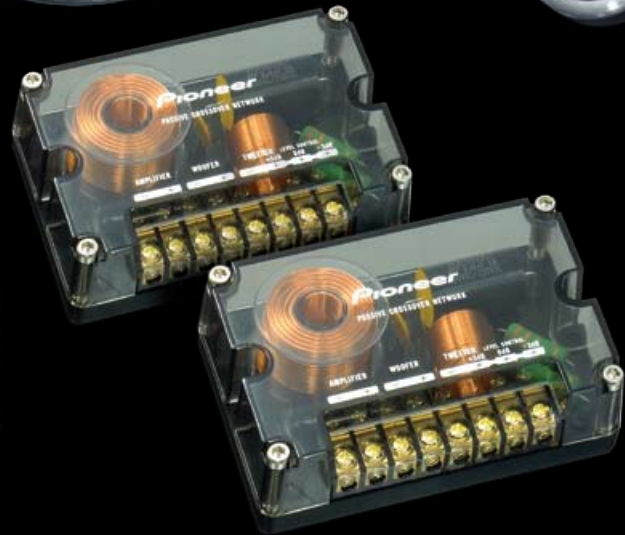


#### WHAT THE PRESS HAD TO SAY

"In the *autohifi* audio test room, this Pioneer system excited us with its powerful yet clean and punchy bass. This was joined by pure strong vocals and a nearly seamless crossover to the tweeter. This is the best system you will find in this price range."

"Only on rare occasions have we heard such distortion-free sound. In this sense, these high-end car speakers work perfectly."

*autohifi* magazine (Germany)



### TS-C131PRS

### 150 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

30 W nominal input power

#### INSTALLATION EXAMPLES



TS-M171PRS



TS-S101PRS and TS-T031PRS

# PROVEN PERFORMERS

## HIGH-QUALITY PIONEER REFERENCE SERIES

Regularly appearing on the high-quality sound competition circuit, this system is capable of producing a perfect performance, time after time. Comprising a range of high-quality components, it's the best in its class for true and natural sound.



**DEH-P88RSII**  
COMPONENT CD RDS TUNER

Remote control included



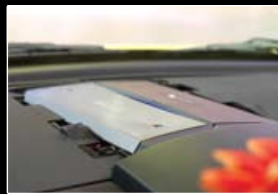
In 2008, the DEH-P88RSII was the number one choice for high-end tuners amongst the readers of German car audio magazine 'autohifi'

## A TOUCH OF CLASS



Using the DEH-P88RS and PRS-D410, predecessors of the DEH-P88RSII and PRS-D420, Germany's Susanne Böhm has managed two very successful years with Team Pioneer. In 2007 she was

both German and European champion in the EMMA Experienced 3 category, while in 2008 she became German champion and vice European champion in the EMMA Advanced 5 category.



Susanne's VW Beetle was chosen as having the second-best car audio installation for 2008 by readers of 'autohifi' car audio magazine

## PRS-D420

### 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



ice power

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## A POWERFUL MATCH

If you're looking for pure, powerful sound, Pioneer offers the perfect amplifier and subwoofer combination. The TS-W12PRS subwoofer is equipped with a Voice Coil Cooling System (VCCS™), so the sound it produces stays natural. Perfect for connecting a subwoofer, the PRS-D1200M can remain stable at a 1 ohm impedance level and features gold-plated terminals, so there's no power distortion.



### TS-W12PRS

1200 W MAX.

30 CM DUAL VOICE COIL SUBWOOFER

300 W nominal input power

DuPont™  
**KEVLAR®**

**VCCS™**  
VOICE COIL COOLING SYSTEM

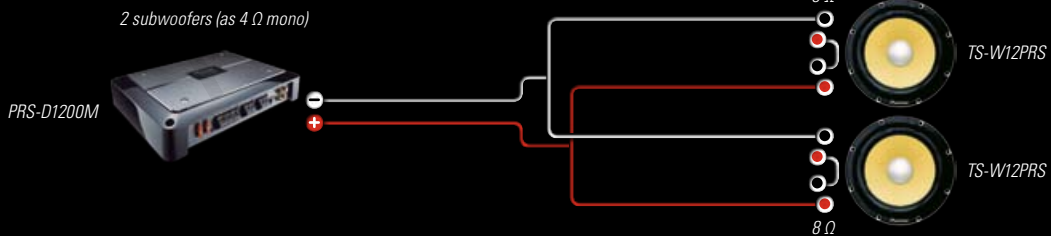
### PRS-D1200M

MONO-CHANNEL CLASS-D AMPLIFIER

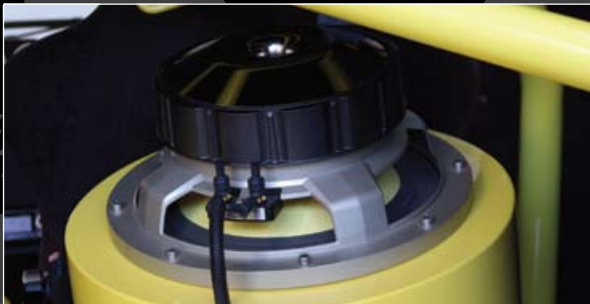
1 x 800 W (4 Ω)/1 x 1200 W (1 Ω/2 Ω) max.

1 x 400 W (4 Ω)/1 x 600 W (2 Ω)/1 x 600 W (1 Ω) continuous output power

## AMP/SUB CONFIGURATION EXAMPLE



## POWER IN ACTION



**TEAM**  
pioneer The TS-W12PRS subwoofer features in the installs of Team Pioneer members Björn Rosenhauer and Pascal Seiler. Both Björn's Opel Corsa

and Pascal's BMW 120D contain two of these high-powered PRS subwoofers, while Pascal's installation also contains two PRS-D1200M and two PRS-D420 amps.

# DO YOUR EARS A FAVOUR

## TS-E SPEAKER SERIES



**BASALT  
BLENDED CONE**

Calling all audio enthusiasts. Do you want to hear your favourite music the way it was supposed to be heard? Do you want to experience pure audio in your car? Pioneer's TS-E speakers are the best in their class for producing powerful, high-quality audio. Utilising Open & Smooth™ technology, they deliver open staging and smooth transitions to ensure nothing but accurate, full-bodied sound.



### A FAVOURITE OF THE PRESS

"Every wisp and breath transpired with a realism that I've only experienced in systems in a much higher price category"

"I felt a bit overwhelmed by the clarity which this inexpensive set provided"

"Never have I experienced a set of speakers in this price range that sound nearly as good as these"

"As far as I'm concerned, Pioneer nailed it"

*Car Audio and Electronics* magazine (USA)

"We've never heard such full-bodied sound from any speakers for such low a price"

*autohifi* magazine (Germany)

*In 2008, Pioneer's TS-E170CI speakers were the number one choice for readers of German car audio magazine 'autohifi'*



For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

SEPARATE COMPONENT SPEAKER SYSTEMS



**TS-170C** 260 W MAX.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM  
60 W nominal input power

**TS-130C** 180 W MAX.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM  
35 W nominal input power



45 AUDIO SUPERIOR SOUND

## THE SECRET BEHIND PURE SOUND



Open & Smooth™ technology is the result of years of interaction between Team Pioneer and our sound engineers. What's the concept? 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 Open and Smooth™ technology 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.



## **BASALT** BLENDED CONE **SOLID AS A ROCK**



*Volcanic basalt rock*



*Basalt fibres*



*Speaker cone with interwoven basalt and aramid fibres*

TS-E speaker cones 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 that deliver more precise sound and better bass reproduction. To create these solid speaker cones, pulverised volcanic basalt rock is melted down at a temperature of over 1480°C and drawn into long, thin fibres.

These basalt fibres are interwoven with aramid fibres and are placed into the mould just before the foamed IMPP™. As the foamed IMPP™ hardens, it fuses to the fibres, creating a one-piece cone. The result is a speaker that is lightweight, super-strong, well-damped, stable in extreme temperatures and environmentally friendly.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## COAXIAL 2-WAY SPEAKERS



**TS-F6902**

**360 W MAX.**

6" X 9" COAXIAL 2-WAY SPEAKERS

80 W nominal input power

**TS-F2002**

**360 W MAX.**

20 CM COAXIAL 2-WAY SPEAKERS

90 W nominal input power



**TS-F1702S**

**280 W MAX.**

17 CM COAXIAL 2-WAY SPEAKERS

60 W nominal input power

**TS-F1702**

**180 W MAX.**

17 CM COAXIAL 2-WAY SPEAKERS

35 W nominal input power

**TS-F1302**

**180 W MAX.**

13 CM COAXIAL 2-WAY SPEAKERS

35 W nominal input power

**TS-F1002**

**110 W MAX.**

10 CM COAXIAL 2-WAY SPEAKERS

25 W nominal input power



# WHEN SIZE MATTERS

## NO COMPROMISE ON PERFORMANCE

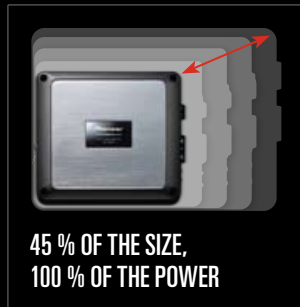
Want great sound without having to give up your whole car boot? Pioneer's space-saving amps and shallow-type subwoofers need less space, without compromising on power.

### CLASS-D AMPLIFIERS

#### GM-D18400M

##### 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

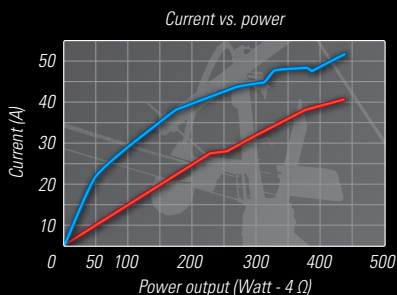


#### GM-D17400M

##### MONO-CHANNEL CLASS-D AMPLIFIER

1 x 400 W (4 Ω)/1 x 800 W (2 Ω) max.  
1 x 200 W (4 Ω)/1 x 400 W (2 Ω) continuous output power

## THE CLASS-D DIFFERENCE



Class-D amplifiers overcome the inefficiencies of traditional Class-A and Class-AB amplifiers. They transform very little power into heat, while a very large percentage of the power supply (67 %) is transferred into the load. This results in a very compact amp that needs little input power to produce very high output power.



### SPACE-SAVING DESIGN

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 sound. This has also allowed enclosure volumes to be reduced by 70 %.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## SHALLOW-TYPE SUBWOOFERS



### TS-SW3001S4

1500 W MAX.

30 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER

400 W nominal input power



### TS-SW3001S2

1500 W MAX.

30 CM SHALLOW-TYPE 2 Ω SINGLE VOICE COIL SUBWOOFER

400 W nominal input power

### TS-SW1041D

1000 W MAX.

25 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER

250 W nominal input power

### TS-SW841D

500 W MAX.

20 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER

120 W nominal input power

## FLAT SUB, ROCK-SOLID BASS

Don't be fooled by their flat design. Our shallow-type subs have speaker cones reinforced with basalt fibres, which means they are capable of producing a powerful and punchy bass sound.

Mounting depth:  
30 cm sub: 8.1 cm  
25 cm sub: 7.5 cm



## CUSTOM ENCLOSURE BOXES



### UD-SW125S

CUSTOM ENCLOSURE BOX FOR  
TS-SW3001S4 AND TS-SW3001S2

Protection bars included

### UD-SW104S

CUSTOM ENCLOSURE BOX FOR TS-SW1041D

Protection bars included

### UD-SW84S

CUSTOM ENCLOSURE BOX FOR TS-SW841D

Protection bars included

# EASY INSTALLATION SOLUTIONS

## THE SHORTEST ROUTE TO GREAT SOUND

High-quality sound need not come with all of the installation worries. With minimal installation time required, these products offer the perfect audio upgrade in the quickest time possible.

## Q-LEVEL SPEAKERS

**Q-LEVEL** DuPont™ **KEVLAR®** If you drive a Renault, Peugeot, Citroën or Opel/Vauxhall, achieving smooth and accurate in-car sound is easier than you think. Q-level speakers can be installed in your existing speaker locations; no modifications are required. The result is exceptionally high-quality in-car sound, without any installation worries.

### TS-0172C 220 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

50 W nominal input power

**OPEL/VAUXHALL** PERFECT-FIT



### TS-0171C 200 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

40 W nominal input power

**CITROËN PEUGEOT** PERFECT-FIT



## NO MODIFICATIONS NECESSARY

Now anyone can become a car stereo installer. Pioneer's Q-level speakers are designed to fit perfectly into your car's existing factory-installed speaker locations – no extra cutting or drilling is required. All models also come complete with a quick installation guide.

### TS-0131C 180 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

35 W nominal input power

**RENAULT** PERFECT-FIT



## HEAR THE DIFFERENCE

Q-level separate component 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. It's an upgrade in sound quality that you'll really notice in your music.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

AMPLIFIED SUBWOOFER



**TS-WX77A**

**200 W MAX.**

DOUBLE 16 CM BACK-LOADED HORN ACTIVE SUBWOOFER



Standard wired remote control

Only 8.2 cm high



### RICH AND SPEEDY BASS SOUND

The symmetrical back loaded horn structure of the TS-WX77A is driven by two 16 cm subs. This makes for a rich and speedy bass sound that is unexpected from such a flat sub.



### ULTRA-FLAT AND SCRATCH RESISTANT



The TS-WX77A inside the boot of a Mini Cooper

Being only 8.2 cm high, the TS-WX77A won't monopolise your car boot. You can even put your luggage on top of it: the tough polyurethane skin is anti-slip and anti-scratch.

# CUSTOM-FIT SOLUTIONS

## CUSTOM-FIT SPEAKERS



Want high-quality sound, but don't want to spend too much time on installation? Our brand new custom-fit speakers are the perfect solution. They can be matched to a specific make and model of car to ensure the best fit.

## SEPARATE COMPONENT CUSTOM-FIT SPEAKER SYSTEMS

### TS-170C

### 170 W MAX.

#### 17 CM SEPARATE 2-WAY SPEAKER SYSTEM

35 W nominal input power



- Easy Connector for: Chevrolet, Citroën, Daewoo, Fiat, Hyundai, Kia, Opel, Peugeot, Renault, Toyota, Volkswagen
- Tweeter adaptors included for: Citroën, Opel, Peugeot and Volkswagen



### TS-130C

### 130 W MAX.

#### 13 CM SEPARATE 2-WAY SPEAKER SYSTEM

25 W nominal input power



- Easy Connector for: Opel, Renault, Volkswagen
- Tweeter adaptors included for: Renault

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## QUALITY YOU'LL NOTICE

### BALANCED-DOME TWEETER



Pioneer's new separate component and 2-way coaxial custom-fit speakers now feature a 30 mm PEI balanced dome tweeter. These tweeters produce highly vivid sound, so you'll really notice the difference in sound quality.

### REINFORCED WOOFER CONE



The woofer cone of new custom-fit speakers is made from a stronger material. This allows for more precision in the lower bass tones and a better live experience.

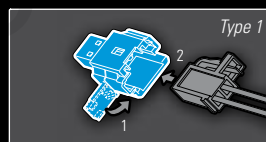
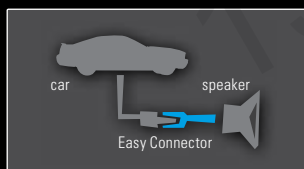
## EASY CONNECTORS



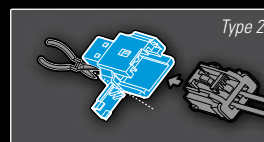
As more and more cars have a specific connector for their factory-installed speakers, upgrading your sound system with new speakers can become complicated. Although factory connectors can be cut and replaced with universal connectors, this process is time consuming and

you always risk making a wrong connection. To counter this, we have developed the Easy Connector. These connectors are made for specific car brands and make installation extremely easy. Just plug them in, and off you go.

### EASY CONNECTOR FOR 17 CM CUSTOM-FIT SPEAKERS



Fiat, Opel, Renault, Toyota



Citroën, Peugeot

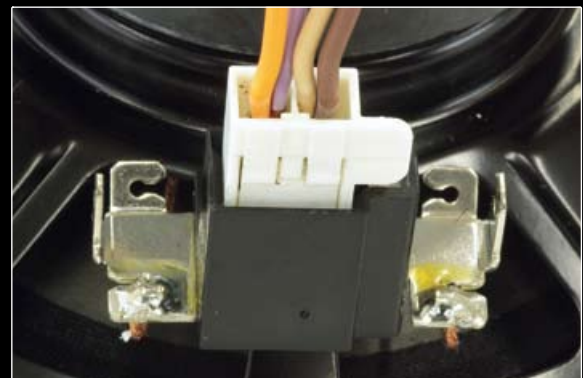


Chevrolet/Daewoo, Hyundai, Kia, Opel

### EASY CONNECTOR FOR 13 CM AND 10 CM CUSTOM-FIT SPEAKERS



Installing a universal speaker requires cutting the wire so it fits the speaker correctly.



With custom-fit speakers, you can simply plug the Renault, Opel or Volkswagen wire into the Easy Connector.

## COAXIAL 2-WAY CUSTOM-FIT SPEAKERS

### TS-1702

170 W MAX.

17 CM COAXIAL 2-WAY SPEAKERS

35 W nominal input power



> Easy Connector for: Citroën, Hyundai, Kia, Opel, Peugeot, Renault, Volkswagen



### TS-1302

130 W MAX.

13 CM COAXIAL 2-WAY SPEAKERS

25 W nominal input power



> Easy Connector for: Opel, Renault, Volkswagen

### TS-1002

120 W MAX.

10 CM COAXIAL 2-WAY SPEAKERS

25 W nominal input power



> Easy Connector for: Opel, Renault, Volkswagen

## DUAL-CONE CUSTOM-FIT SPEAKERS

### TS-1701

170 W MAX.

17 CM DUAL-CONE SPEAKERS

35 W nominal input power



> Easy Connector for: Citroën, Hyundai, Kia, Opel, Peugeot, Renault, Volkswagen



### TS-1301

130 W MAX.

13 CM DUAL-CONE SPEAKERS

25 W nominal input power



> Easy Connector for: Opel, Renault, Volkswagen

### TS-1001

110 W MAX.

10 CM DUAL-CONE SPEAKERS

20 W nominal input power



> Easy Connector for: Opel, Renault, Volkswagen

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## AMPLIFIED SUBWOOFERS

Our amplified subwoofers are the perfect solution for people with limited time and limited space. With built-in MOSFET amplifiers, they offer powerful bass sounds, without any of the installation worries.



### TS-WX22A

150 W MAX.

20 CM SEALED AMPLIFIED SUBWOOFER



Standard wired remote control



Horizontal or vertical installation

### TS-WX11A

150 W MAX.

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



Standard wired remote control



Horizontal or vertical installation





# EASY UPGRADE SOLUTIONS

## TIME TO MAKE THE CHANGE

Not happy with the sound from your existing car speakers? Pioneer offers a selection first-stop solutions for upgrading your car audio at an amazing price, making it easier than ever to take that first step to great in-car sound.

**P** INJECTION MOLDING  
CONE™ TS-G SPEAKERS

**TS-G171C** 170 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

35 W nominal input power

SEPARATE COMPONENT SPEAKER SYSTEMS



**TS-G131C** 130 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

25 W nominal input power

## A NEW SOUND EXPERIENCE



Engineers with an ear for live and powerful sound have redesigned our TS-G speakers. With an IMPP™ woofer cone, these speakers boast an outstanding tolerance to high volume levels, extreme temperatures and humidity. Thanks to the combination of high-quality components, TS-G speakers can turn your drive into a live sound experience.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

## COAXIAL 3-WAY SPEAKERS

**TS-G1703** 180 W MAX.

17 CM COAXIAL 3-WAY SPEAKERS

35 W nominal input power



**TS-G1303** 140 W MAX.

13 CM COAXIAL 3-WAY SPEAKERS

25 W nominal input power

**TS-G1003** 130 W MAX.

10 CM COAXIAL 3-WAY SPEAKERS

25 W nominal input power

## COAXIAL 2-WAY SPEAKERS



**TS-G1702** 170 W MAX.

**TS-G1702** 170 W MAX.

17 CM COAXIAL 2-WAY SPEAKERS

35 W nominal input power

**TS-G1302** 130 W MAX.

13 CM COAXIAL 2-WAY SPEAKERS

25 W nominal input power

**TS-G1002** 120 W MAX.

10 CM COAXIAL 2-WAY SPEAKERS

25 W nominal input power

## DUAL-CONE SPEAKERS

**TS-G1701** 170 W MAX.

17 CM DUAL-CONE SPEAKERS

35 W nominal input power



**TS-G1301** 130 W MAX.

13 CM DUAL-CONE SPEAKERS

25 W nominal input power

**TS-G1001** 110 W MAX.

10 CM DUAL-CONE SPEAKERS

20 W nominal input power



INJECTION MOLDING CONE

## HIGH-GRADE CUSTOM-FIT SPEAKERS



### TS-H1703

180 W MAX.

17 CM SEPARATE 2-WAY SPEAKER SYSTEM

50 W nominal input power



> Easy Connector for: Alfa Romeo, Audi, BMW, Citroën, Fiat, Ford, Lancia, Opel/Vauxhall, Peugeot, Renault, Rover, Seat, Skoda, Volkswagen, Volvo

### TS-H1303

130 W MAX.

13 CM SEPARATE 2-WAY SPEAKER SYSTEM

35 W nominal input power



> Easy Connector for: Alfa Romeo, BMW, Citroën, Hyundai, Lada, Opel/Vauxhall, Peugeot, Renault, Rover, Volvo

### TS-H687

240 W MAX.

6" X 8" COAXIAL 3-WAY SPEAKERS

50 W nominal input power

> Ford, Jaguar, Mazda

### TS-H467

110 W MAX.

4" X 6" COAXIAL 2-WAY SPEAKERS

25 W nominal input power

> Daewoo/Chevrolet, Fiat, Lancia, Seat, Volkswagen

## SURFACE MOUNT SPEAKERS



### TS-CX7

60 W MAX.

CENTRE SPEAKER FOR 5.1-CHANNEL SURROUND SOUND

20 W nominal input power



### TS-X150

60 W MAX.

3-WAY SPEAKERS

20 W nominal input power



### TS-44

40 W MAX.

FULL-RANGE SPEAKERS

10 W nominal input power

## TWEETERS

### TS-S15

120 W MAX.

TUNE-UP DOME TWEETERS

40 W nominal input power



For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

# PIONEER ONLINE

Pioneer's website has been redesigned, so now you can browse the extensive line-up of products with ease. Go to [www.pioneer.eu](http://www.pioneer.eu) for audio entertainment news, extensive Pioneer product information and the latest Team Pioneer news, competition results and videos. See you there.



## MATCH PRODUCTS TO YOUR CAR

Now you can find the perfect products for your car online. Simply go to the car entertainment section of [www.pioneer.eu](http://www.pioneer.eu) and enter the make, model and year of your car. You will then be given a selection of products that perfectly matches your specifications. It's that easy.

## MATCH YOUR SUB AND AMP

Find the perfect amp to drive your subwoofer. When you select an amp or subwoofer at [www.pioneer.eu](http://www.pioneer.eu), you can click on the 'related' tab to see the best products to match your selection.

## DOWNLOAD

[www.pioneer.eu](http://www.pioneer.eu) is also the place to download the latest Pioneer product brochures, product manuals and software and firmware updates for your Pioneer equipment.



## JOIN OUR QUEST FOR PERFECT IN-CAR SOUND

Join Team Pioneer in its pursuit for sonic perfection. Read all about the team and its members, see the cars, watch videos

of the events and find out all the latest competition results.

[www.pioneer.eu/team\\_pioneer](http://www.pioneer.eu/team_pioneer)



[www.flickr.com/photos/team\\_pioneer](http://www.flickr.com/photos/team_pioneer)



[www.youtube.com/team\\_pioneer](http://www.youtube.com/team_pioneer)



[www.myspace.com/team\\_pioneer](http://www.myspace.com/team_pioneer)



[www.facebook.com](http://www.facebook.com)

# THE #1 CHOICE FOR PERFORMANCE AUDIO

## POWER WHEN IT REALLY COUNTS

When the number of decibels matters, there should be no fooling around. Years of competing in the world's most demanding SPL competitions have helped us create the toughest and most reliable audio components you're likely to find. You want power? You've come to the right place.



## THE WORLD'S BEST USE PIONEER



With the help of Pioneer, the USA's Team Edge Audio became the first ever team to win all 4 sanctioned SPL world finals in one year (IASCA, USACI, dB Drag and MECA). The team has won 25 world titles with Pioneer equipment.

Team Pioneer has a number of Sound Pressure Level specialists in its ranks. They have gained success at both the national and European levels.

# YOU LIKE IT LOUD?

## NO MORE COMPROMISES

Pure and powerful sound – that's what our performance audio products are all about. So, whether it's on the competition scene or on the streets, you'll have the power to give a performance you can rely on.

## 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.

P62 Professional competition-grade SPL subwoofers

P64 Competition-grade SPL amplifiers

P65 Competition-grade SPL subwoofers

## 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.

P66 a-Ccelerate subwoofers

P69 Bridgeable amplifiers

P70 a-Ccelerate free-air subwoofers

P71 a-Ccelerate speakers

# THE PROS' CHOICE

## PROFESSIONAL COMPETITION-GRADE SPL SUBWOOFERS

*SPL champion edition*  **INJECTION MOLDED CONE™**

Prepare to be blown away. Pioneer's professional SPL subwoofers take power to a whole new level. These subs are the biggest on the block, regularly dominating

international SPL competitions. It's time to hear what real power sounds like.

### WELCOME TO THE 180 dB CLUB



In an outstanding achievement, Team Edge Audio member Scott Owens became the first person to break the 180 dB sound barrier in an SPL competition. His record-breaking Ford F-250 was decked out with 13 Pioneer TS-W5102SPL subwoofers and 52 PRS-D5000SPL amplifiers (predecessor of the PRS-D2000SPL). This achievement earned Scott a place in the very exclusive "180 dB club".

### SO, HOW LOUD IS 180 dB?

Want to know what it's like to break the sound barrier? Below you will find an indication of just how loud Scott Owens' audio system sounded at 180 dB.

NORMAL CONVERSATION



60 dB

MUSIC AT A ROCK CONCERT



110 dB

JET ENGINE TAKING OFF



120 dB

THRESHOLD OF PAIN



140 dB

ROCKET ENGINE



180 dB

SCOTT OWENS' FORD F-250

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>



8000 W OF RECORD-BREAKING POWER

**TS-W8102SPL** 8000 W MAX.

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

3000 W nominal input power

**TS-W5102SPL** 6000 W MAX.

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

2500 W nominal input power

Turn the page for the perfect amps to power these champion subs...



# POWER YOU CAN RELY ON

## COMPETITION-GRADE SPL CLASS-D AMPLIFIERS

These pro amplifiers are just the thing to power our champion subs. Their stability at high pressure levels has allowed them to break new records in SPL competitions and push beyond the 180 dB sound barrier. This is proven power of the highest magnitude.

### PRSD2000SPL

#### COMPETITION-GRADE SPL CLASS-D AMPLIFIER

1 x 4000 W (1 Ω)/1 x 3000 W (2 Ω)/1 x 1500 W (4 Ω) max.  
1 x 2000 W (1 Ω)/1 x 1500 W (2 Ω)/1 x 750 W (4 Ω) continuous output power



### PRSD1200SPL

#### COMPETITION-GRADE SPL CLASS-D AMPLIFIER

1 x 2400 W (1 Ω)/1 x 2000 W (2 Ω)/1 x 1000 W (4 Ω) max.  
1 x 1200 W (1 Ω)/1 x 1000 W (2 Ω)/1 x 500 W (4 Ω) continuous output power

## 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 four amps easier than ever before.

## A WINNING PERFORMANCE



Using the PRSD2000SPL amplifier to power his TS-W5102SPL monster sub, Team Pioneer member Lars Engel became German vice champion in the ESPL Experienced 2 category at the German 2008 EMMA Finals.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

# A CLASS ABOVE

## COMPETITION-GRADE SPL SUBWOOFERS

*Champion series - PRO*  **BASALT**  
BLENDED CONE

Based on pure power alone, these competition-grade subs are simply the best in their class. When you factor in a construction designed to exceed the expectations of sound quality, you know you're in for one truly deep bass experience.



**TS-W3002D4** 3500 W MAX.  
30 CM COMPETITION-GRADE SPL 4 Ω DUAL VOICE COIL SUBWOOFER  
1000 W nominal input power

**TS-W2501D4** 2500 W MAX.  
25 CM COMPETITION-GRADE SPL 4 Ω DUAL VOICE COIL SUBWOOFER  
800 W nominal input power

**MORE BASS. LESS SPACE.**

### SMALLER ENCLOSURE VOLUME



Thanks to the Air Suspension 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 system, which requires less enclosure space to control the speaker cone, allowing a drastic reduction in enclosure volumes.



**70 %  
SMALLER ENCLOSURE**

### CUSTOM ENCLOSURE BOXES

**UD-W302S**  
CUSTOM ENCLOSURE BOX FOR TS-W3002D4

**UD-W252S**  
CUSTOM ENCLOSURE BOX FOR TS-W2501D4



# MAKE A STATEMENT

## a-Ccelerate SUBWOOFERS

*Champion series*

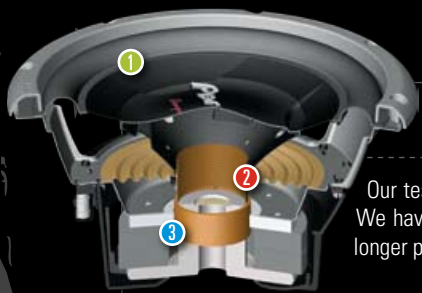


Pioneer's a-Ccelerate subwoofers are the ultimate tool for street tuning. These 'Champion Series' subs are pedigrees of Pioneer's competition-grade SPL subs and incorporate high-class technology for an improved performance. So, with their powerful sound and edgy good looks, they will undoubtedly impress anyone near.

### 'CHAMPION SERIES' SUBS



Competing in the toughest SPL competitions has allowed us to improve our subs' performance. These improvements are passed down through the whole subwoofer line-up. So you can always rely on a championship performance.



### 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.

1. Air pressure and mechanical stress 2. Mechanical stress 3. Heating stress

**TS-W308D4** 1400 W MAX.

30 CM 4 Ω DUAL VOICE COIL SUBWOOFER

400 W nominal input power

**TS-W258D4** 1200 W MAX.

25 CM 4 Ω DUAL VOICE COIL SUBWOOFER

350 W nominal input power



### A KNOCKOUT PUNCH

The composite IMPP™ woofer cone of our a-Ccelerate subwoofers has been reinforced with basalt fibres, giving you a punchier and more powerful bass sound.

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

## OPTIMISE YOUR POWER

Unique for their price range, our a-Ccelerate 2 ohm dual voice coil subwoofers let you get more power from your amp. For example, one double 2 ohm subwoofer gives you the option of having an impedance level of 1 ohm at your amplifier. So, if your amp is stable at this level, you can lower the impedance to increase the power.

### TS-W308D2

1400 W MAX.

30 CM 2 Ω DUAL VOICE COIL SUBWOOFER

400 W nominal input power

### TS-W258D2

1200 W MAX.

25 CM 2 Ω DUAL VOICE COIL SUBWOOFER

350 W nominal input power



## CUSTOM ENCLOSURE BOXES

### UD-W301S

CUSTOM ENCLOSURE BOX FOR TS-W308D4 AND TS-W308D2

### UD-W251S

CUSTOM ENCLOSURE BOX FOR TS-W258D4 AND TS-W258D2

## SPOKE GRILLES

### UD-G308

SPOKE GRILLE FOR TS-W3002D4,  
TS-W308D4, TS-W308D2 AND TS-W308F

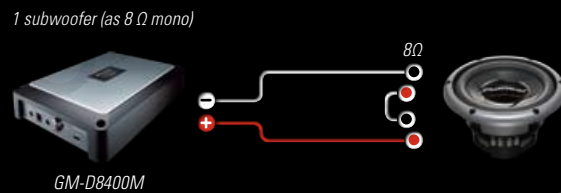
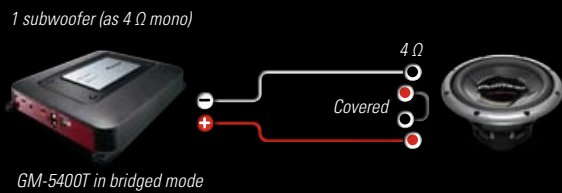
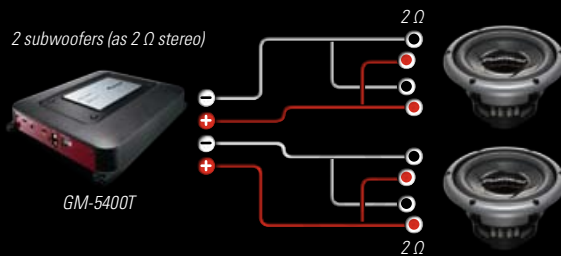
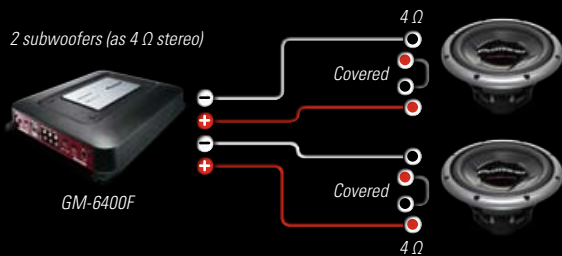
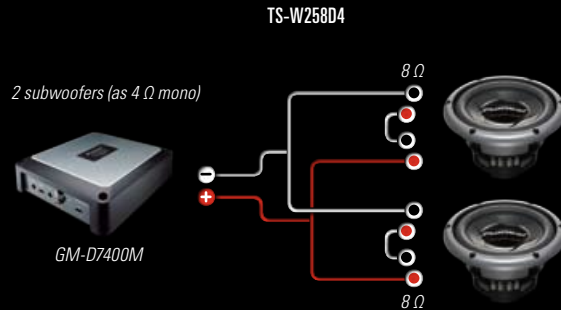
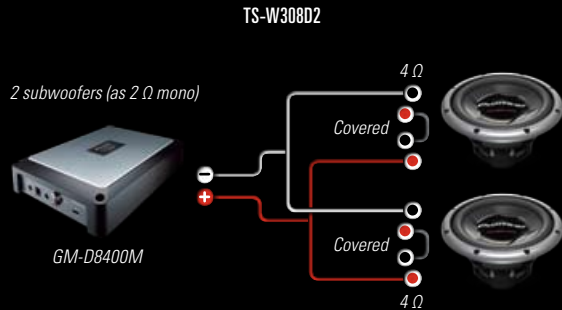


### UD-G258

SPOKE GRILLE FOR TS-W2501D4, TS-W258D4,  
TS-W258D2 AND TS-W258F

## COMPLETE CONNECTION FLEXIBILITY

Discover the wide range of connection options with Pioneer's Dual Voice Coil a-Ccelerate subwoofers. 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.



## SINGLE-SIDED PUSH TERMINALS

All speaker terminals are located on one side of the subwoofer, for easy installation.



### AMPLIFIED SUBWOOFERS

**TS-WX2016A** 200 W MAX.  
20 CM LINEAR POWER AMPLIFIED SUBWOOFER



**PB** INJECTION MOLDED CONE

**THE PUMP**



**PB** INJECTION MOLDED CONE

**TS-WX2016A** 150 W MAX.  
20 CM BANDPASS AMPLIFIED SUBWOOFER

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

Autogood products internet store <http://130.com.ua>

# FOR THE PERFECT INSTALL

## BRIDGEABLE AMPLIFIERS

Inspired by our competition level amplifiers, Pioneer's bridgeable amplifiers are back, offering superb sound and complete installation flexibility. Stylishly redesigned to match the a-Ccelerate subs, these amps will give that extra touch of class to any system set-up.



### **GM-6400F**

#### 4-CHANNEL BRIDGEABLE AMPLIFIER

4 x 120 W (4  $\Omega$ )/2 x 300 W (4  $\Omega$  bridged) max.  
4 x 60 W (4  $\Omega$ )/2 x 150 W (4  $\Omega$  bridged)/4 x 75 W (2  $\Omega$ ) continuous output power

### **GM-5400F**

#### 2-CHANNEL BRIDGEABLE AMPLIFIER

2 x 250 W (4  $\Omega$ )/1 x 760 W (4  $\Omega$  bridged) max.  
2 x 125 W (4  $\Omega$ )/1 x 380 W (4  $\Omega$  bridged)/2 x 190 W (2  $\Omega$ ) continuous output power

### **GM-3300F**

#### 2-CHANNEL BRIDGEABLE AMPLIFIER

2 x 120 W (4  $\Omega$ )/1 x 300 W (4  $\Omega$  bridged) max.  
2 x 60 W (4  $\Omega$ )/1 x 150 W (4  $\Omega$  bridged)/2 x 75 W (2  $\Omega$ ) continuous output power



# DISCOVER THE SOUND OF GREAT BASS

## a-Ccelerate FREE-AIR SUBWOOFERS

*Champion series*



Building your own car audio installation can be a challenge. Free-air subwoofers make that challenge that little bit easier because they use your car boot as the enclosure space. This means they offer complete installation flexibility, while still producing powerful bass and low distortion – just as you'd expect from 'Champion Series' subs.

**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



### 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 find out more about the individual cars and installations, and see where the inspiration takes you.

- [www.pioneer.eu/teampioneer](http://www.pioneer.eu/teampioneer)
- [www.flickr.com/photos/teampioneer](http://www.flickr.com/photos/teampioneer)
- [www.youtube.com/teampioneer](http://www.youtube.com/teampioneer)
- [www.myspace.com/teampioneer](http://www.myspace.com/teampioneer)
- [www.facebook.com](http://www.facebook.com)

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)



# IT'S ALL ABOUT ATTITUDE

## a-Ccelerate SPEAKERS



Need some mean-looking speakers to complete your installation? Our a-Ccelerate speakers will give you that urban edge. 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.

## 6" X 9" COAXIAL SPEAKERS



**TS-A6904** 400 W MAX.  
6" X 9" COAXIAL 4-WAY SPEAKERS  
80 W nominal input power

**TS-A6903** 350 W MAX.  
6" X 9" COAXIAL 3-WAY SPEAKERS  
80 W nominal input power

**TS-A6902** 260 W MAX.  
6" X 9" COAXIAL 2-WAY SPEAKERS  
40 W nominal input power





SEPARATE COMPONENT SPEAKER SYSTEMS



**TS-A170C1** 260 W MAX.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM  
50 W nominal input power

**TS-A130C1** 190 W MAX.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM  
30 W nominal input power

COAXIAL 3-WAY SPEAKERS

**TS-A25031** 420 W MAX.  
25 CM COAXIAL 3-WAY SPEAKERS  
80 W nominal input power



**TS-A20031** 400 W MAX.  
20 CM COAXIAL 3-WAY SPEAKERS  
80 W nominal input power

**TS-A17031** 240 W MAX.  
17 CM COAXIAL 3-WAY SPEAKERS  
50 W nominal input power

**TS-A13031** 180 W MAX.  
13 CM COAXIAL 3-WAY SPEAKERS  
30 W nominal input power

For full product specifications, please visit [www.pioneer.eu](http://www.pioneer.eu)

# CUSTOM BUILT

## READY FOR SOME SERIOUS TUNING?

Pioneer has teamed up with the West Coast Customs crew for their new show *Street Customs Berlin*. The show follows on from the popular *Pimp My Ride* and *Street Customs* and shows the team as they set up a workshop in Berlin and unleash their tuning talents on the streets of Europe. The first series will see 6 vehicles transformed into stunning show cars, as Ryan Friedlinghaus and his team put their creativity into overdrive. All pimped cars will contain full sound systems from Pioneer: amps, subs, speakers... the lot. The team opted to use Pioneer because of our extensive range of high-quality components and reputation in the tuning scene. It's a great combination, with impressive results. See for yourself.



[WWW.WESTCOASTCUSTOMS.COM](http://WWW.WESTCOASTCUSTOMS.COM)

Photographs by Hans Haas

73 AUDIO PERFORMANCE AUDIO

# AUDIO PRODUCT OVERVIEW

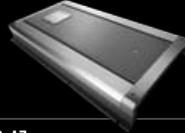
## OPTICAL DIGITAL REFERENCE SYSTEM



**RS-D7RII**  
SYSTEM CONTROL CD TUNER



**RS-A9**  
DIGITAL POWER AMPLIFIER WITH INTEGRATED DSP



**RS-A7**  
DIGITAL POWER AMPLIFIER



**RS-P90**  
UNIVERSAL DIGITAL PREAMPLIFIER



**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**  
25 CM SUBWOOFER

## HIGH-END PIONEER REFERENCE SERIES



**DEX-P90RS**  
COMPONENT CD RDS TUNER



**DEQ-P90**  
DIGITAL PREAMP/EQUALISER



**AXM-P90RS**  
AUDIO MASTER UNIT



**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



**TS-W12PRS** 1200 W MAX./300 W NOM.  
30 CM DUAL VOICE COIL SUBWOOFER



**TS-T031PRS** 200 W MAX.  
2.8 CM TWEETER



**TS-S101PRS** 80 W MAX.  
10 CM MID-HIGH RANGE DRIVER



**TS-M171PRS** 200 W MAX.  
17 CM MID-BASS DRIVER



**TS-C171PRS** 200 W MAX./150 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-C131PRS** 150 W MAX./30 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM

## HIGH-QUALITY PIONEER REFERENCE SERIES



**DEH-P88RSII**  
COMPONENT CD RDS TUNER



**PRS-D1200M**  
MONO-CHANNEL CLASS-D AMPLIFIER  
1 x 600 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



**PRS-D420**  
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

## AMPLIFIERS



**PRS-D2000SPL**  
COMPETITION-GRADE SPL CLASS-D AMPLIFIER  
1 x 4000 W (1 Ω)/1 x 3000 W (2 Ω)/  
1 x 1500 W (4 Ω) max.  
1 x 2000 W (1 Ω)/1 x 1500 W (2 Ω)/  
1 x 750 W (4 Ω) continuous output power



**PRS-D1200SPL**  
COMPETITION-GRADE SPL CLASS-D AMPLIFIER  
1 x 2400 W (1 Ω)/1 x 2000 W (2 Ω)/  
1 x 1000 W (4 Ω) max.  
1 x 1200 W (1 Ω)/1 x 1000 W (2 Ω)/  
1 x 500 W (4 Ω) continuous output power



**GM-D8400M**  
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-D7400M**  
MONO-CHANNEL CLASS-D AMPLIFIER  
1 x 400 W (4 Ω)/1 x 800 W (2 Ω) max.  
1 x 200 W (4 Ω)/1 x 400 W (2 Ω)  
continuous output power



**GM-6400F**  
4-CHANNEL BRIDGEABLE AMPLIFIER  
4 x 120 W (4 Ω)/2 x 300 W (4 Ω bridged) max.  
4 x 60 W (4 Ω)/2 x 150 W (4 Ω bridged)/4 x 75 W (2 Ω)  
continuous output power



**GM-5400T**  
2-CHANNEL BRIDGEABLE AMPLIFIER  
2 x 250 W (4 Ω)/1 x 750 W (4 Ω bridged) max.  
2 x 125 W (4 Ω)/1 x 300 W (4 Ω bridged)/2 x 150 W (2 Ω)  
continuous output power



**GM-3300T**  
2-CHANNEL BRIDGEABLE AMPLIFIER  
2 x 120 W (4 Ω)/1 x 300 W (4 Ω bridged) max.  
2 x 60 W (4 Ω)/1 x 150 W (4 Ω bridged)/2 x 75 W (2 Ω)  
continuous output power

## SUBWOOFERS



**TS-W8102SPL** 8000 W MAX./2000 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-W2501D4** 2500 W MAX./600 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 2 Ω DUAL VOICE COIL SUBWOOFER



**TS-W258D4** 1200 W MAX./350 W NOM.  
25 CM 4 Ω DUAL VOICE COIL SUBWOOFER



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



**TS-W308F** 1000 W MAX./300 W NOM.  
30 CM FREE-AIR SUBWOOFER  
FOR FREE-AIR USE



**TS-W258F** 800 W MAX./250 W NOM.  
25 CM FREE-AIR SUBWOOFER  
FOR FREE-AIR USE



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



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



**TS-SW1041D** 1000 W MAX./250 W NOM.  
25 CM SHALLOW-TYPE 4 Ω SINGLE VOICE COIL SUBWOOFER



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

## CUSTOM ENCLOSURE BOXES AND GRILLES



**UD-SW125S**  
CUSTOM ENCLOSURE BOX FOR TS-SW3001S4 AND TS-SW3001S2  
Protection bars included

**UD-SW104S**  
CUSTOM ENCLOSURE BOX FOR TS-SW1041D  
Protection bars included

**UD-SW84S**  
CUSTOM ENCLOSURE BOX FOR TS-SW841D  
Protection bars included



**UD-W302S**  
CUSTOM ENCLOSURE BOX FOR TS-W3002D4

**UD-W252S**  
CUSTOM ENCLOSURE BOX FOR TS-W2501D4

**UD-W301S**  
CUSTOM ENCLOSURE BOX FOR TS-W308D4 AND TS-W308D2

**UD-W251S**  
CUSTOM ENCLOSURE BOX FOR TS-W258D4 AND TS-W258D2



**G-308**  
SPOKE GRILLE FOR TS-W3002D4, TS-W308D4, TS-W308D2 AND TS-W308F

**G-258**  
SPOKE GRILLE FOR TS-W2501D4, TS-W258D4 AND TS-W258F

## AMPLIFIED SUBWOOFERS



**TS-WX77A** 200 W MAX.  
DOUBLE 16 CM BACK-LOADED HORN ACTIVE SUBWOOFER



**TS-WX20LPA** 200 W MAX.  
20 CM LINEAR POWER AMPLIFIED SUBWOOFER



**TS-WX206A** 150 W MAX.  
20 CM BANDPASS AMPLIFIED SUBWOOFER



**TS-WX22A** 150 W MAX.  
20 CM SEALED AMPLIFIED SUBWOOFER



**TS-WX11A** 150 W MAX.  
12.8 CM X 20.8 CM OVAL CONE SEALED-TYPE AMPLIFIED SUBWOOFER

## SPEAKERS

### TS-E SERIES



**TS-E170CI** 200 W MAX./80 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-E130CI** 180 W MAX./35 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-E6902I** 300 W MAX./80 W NOM.  
6" X 9" COAXIAL 2-WAY SPEAKERS



**TS-E2002I** 350 W MAX./90 W NOM.  
20 CM COAXIAL 2-WAY SPEAKERS



**TS-E1702IS** 280 W MAX./60 W NOM.  
17 CM COAXIAL 2-WAY SPEAKERS



**TS-E1702I** 180 W MAX./35 W NOM.  
17 CM COAXIAL 2-WAY SPEAKERS



**TS-E1302I** 180 W MAX./35 W NOM.  
13 CM COAXIAL 2-WAY SPEAKERS



**TS-E1002I** 110 W MAX./25 W NOM.  
10 CM COAXIAL 2-WAY SPEAKERS

### a-Ccelerate TS-A SERIES



**TS-A170CI** 260 W MAX./50 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-A130CI** 180 W MAX./30 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



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



**TS-A6903I** 350 W MAX./70 W NOM.  
6" X 9" COAXIAL 3-WAY SPEAKERS



**TS-A6902I** 260 W MAX./40 W NOM.  
6" X 9" COAXIAL 2-WAY SPEAKERS



**TS-A2503I** 420 W MAX./80 W NOM.  
25 CM COAXIAL 3-WAY SPEAKERS



**TS-A2003I** 400 W MAX./80 W NOM.  
20 CM COAXIAL 3-WAY SPEAKERS



**TS-A1703I** 240 W MAX./50 W NOM.  
17 CM COAXIAL 3-WAY SPEAKERS



**TS-A1303I** 180 W MAX./30 W NOM.  
13 CM COAXIAL 3-WAY SPEAKERS

TS-G SERIES



**TS-G171C** 170 W MAX./25 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-G131C** 130 W MAX./25 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-G1703I** 180 W MAX./25 W NOM.  
17 CM COAXIAL 3-WAY SPEAKERS



**TS-G1303I** 140 W MAX./25 W NOM.  
13 CM COAXIAL 3-WAY SPEAKERS



**TS-G1003I** 130 W MAX./25 W NOM.  
10 CM COAXIAL 3-WAY SPEAKERS



**TS-G1702I** 170 W MAX./25 W NOM.  
17 CM COAXIAL 2-WAY SPEAKERS



**TS-G1302I** 130 W MAX./25 W NOM.  
13 CM COAXIAL 2-WAY SPEAKERS



**TS-G1002I** 120 W MAX./25 W NOM.  
10 CM COAXIAL 2-WAY SPEAKERS



**TS-G1701I** 170 W MAX./25 W NOM.  
17 CM DUAL-CONE SPEAKERS



**TS-G1301I** 130 W MAX./25 W NOM.  
13 CM DUAL-CONE SPEAKERS



**TS-G1001I** 110 W MAX./20 W NOM.  
10 CM DUAL-CONE SPEAKERS

CUSTOM-FIT SERIES



**TS-170C1** 170 W MAX./25 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-130C1** 130 W MAX./25 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-1702I** 170 W MAX./25 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.  
10 CM COAXIAL 2-WAY SPEAKERS



**TS-1701I** 170 W MAX./25 W NOM.  
17 CM DUAL-CONE SPEAKERS



**TS-1301I** 130 W MAX./25 W NOM.  
13 CM DUAL-CONE SPEAKERS



**TS-1001I** 110 W MAX./20 W NOM.  
10 CM DUAL-CONE SPEAKERS



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



**TS-Q171C** 200 W MAX./40 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-Q131C** 180 W MAX./25 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-H1703** 180 W MAX./50 W NOM.  
17 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-H1303** 130 W MAX./25 W NOM.  
13 CM SEPARATE 2-WAY SPEAKER SYSTEM



**TS-H687** 240 W MAX./50 W NOM.  
6" X 8" COAXIAL 3-WAY SPEAKERS



**TS-H467** 110 W MAX./25 W NOM.  
4" X 6" COAXIAL 2-WAY SPEAKERS

SURFACE MOUNT SPEAKERS AND TWEETERS



**TS-CX7** 60 W MAX./20 W NOM.  
CENTRE SPEAKER FOR 5.1-CHANNEL SURROUND SOUND



**TS-X150** 60 W MAX./20 W NOM.  
3-WAY SPEAKERS



**TS-44** 40 W MAX./10 W NOM.  
FULL-RANGE SPEAKERS



**TS-S15** 120 W MAX./40 W NOM.  
TUNE-UP DOME TWEETERS

For full product specifications, visit [www.pioneer.eu](http://www.pioneer.eu)

# GLOSSARY

Here you can find an explanation of all icons and logos used throughout this catalogue. It has been organised alphabetically for your convenience.

## 1-LINE 16-CHARACTER DISPLAY



To make it easy to read information such as radio station frequencies, track titles and artist names, some Pioneer headunits have been fitted with a 1-line 16-character display. This also facilitates browsing through the songs stored on a USB audio player or USB stick or through the contact list on your Bluetooth-enabled mobile phone.

## 3-BAND PARAMETRIC EQUALISER (PEQ)



The 3-band equaliser allows you to adjust the equalisation to match your car's acoustics. To ease usage even further, 6 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom and Super Bass. 3 bands can be adjusted in band-specific steps from +6 to -6, namely EQ-L (low), EQ-M (mid) and EQ-H (high).

## 7-BAND GRAPHIC EQUALISER (GEO)



With Pioneer's 7-band graphic equaliser, you can customise the equalisation levels to best match the acoustics of your car. To ease usage, 7 equaliser curves are preset: Powerful, Natural, Vocal, Flat, Custom 1, Custom 2 and Super Bass. 7 bands (50 Hz, 125 Hz, 315 Hz, 800 Hz, 2 kHz, 5 kHz and 12.5 kHz) can be adjusted in band-specific steps from +6 to -4, or -6, depending on which equaliser curve is selected.

## ADVANCED AUDIO CODING (AAC)



AAC is short for Advanced Audio Coding and refers to an audio compression technology standard used with MPEG2 and MPEG4. AAC 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®.

## AUTOMATIC SOUND LEVELISER (ASL)



Automatic Sound Leveliser technology electronically and automatically adjusts volume and frequencies to mask varying degrees of exterior noise.

## 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.

## AUX-IN TERMINAL (FRONT/REAR)



Connect a range of external devices, such as portable audio or video players, to your headunit's Aux-in connection.



## BLUETOOTH



Units with this revolutionary wireless 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 the navigation unit, whenever the two devices are within range of each other.

\* Find out whether your mobile phone is compatible at [www.pioneer.eu](http://www.pioneer.eu)

## BLUETOOTH ADAPTER READY



Headunits that are Bluetooth adapter ready can be hooked up to the CD-BTB200 Bluetooth adapter so you can enjoy the freedom of true wireless in-car telephony. This add-on solution makes sure your headunit automatically picks 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.

## CD-R/RW



CD-R and CD-RW are Compact Disc recordable formats. CD-R is a "write once" format, which only allows data to be recorded once. CD-RW is a rewritable format allowing data to be recorded multiple times.

## CELLULAR TELEPHONE AUTO MUTING



This feature automatically reduces the volume of your system when an incoming call is detected or you dial an outgoing call on a cellular phone installed in your car.

## COLOUR CUSTOMISATION



Colour customisation lets you better integrate your headunit into your dashboard. Select from a variety of colours for the button and/or screen illumination. All 2009 AVH models have RGB button illumination, letting you choose from a multitude of colours, while the AVH-P5100DVD also has 5 different colours for the screen display. The DVH-P4100UB lets you switch between blue and red for the button illumination.

## COMPACT DISC DIGITAL AUDIO



Compact Disc digital audio is a standard digital format for storing audio on a CD.

## COMPACT DISC DIGITAL VIDEO



Compact Disc digital video is a standard digital format for storing video on a CD.

## DIRECT SUB DRIVE



Direct sub 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.

## DivX



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

## 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.

## DOLBY DIGITAL PRO LOGIC II



Dolby Digital Pro Logic II reproduces multi-channel surround sound from a variety of sound sources to create the thrill of 5.1-channel surround sound even from 2-channel sources.

## 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.

## DTS DIGITAL SURROUND



DTS Digital Surround is a 5.1-channel surround sound format for consumer products and provides 5.1 channels of discrete digital audio.

## DVD-R/DVD-RW



DVD-R and DVD-RW are DVD recordable formats. DVD-R 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-VIDEO



DVD guarantees 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.

## EASY CONNECTOR



All custom-fit speakers are equipped with a handy Easy Connector, making it easier to cable them with the car's speaker connections.

## HIGH PASS FILTER/LOW PASS FILTER



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 (High Pass Filter) 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 (Low Pass Filter) on the subwoofer's channel. Only frequencies lower than the cut-off frequency are outputted from the subwoofer.

## HI-VOLT PRE-OUT



By providing a strong signal with less noise and more definition, the hi-volt pre-outs reduce demand on an amplifier's input circuit, so it can work with lower gain settings. This results in improved sound quality and a wider dynamic range.

## iPod DIRECT CONTROL



Headunits with iPod Direct Control let you control your iPod directly from your headunit. Simply hook up your iPod to your headunit using an optional cable and you're set.

## iPod VIDEO

iPod Video Pioneer's AVH and DVH headunits support playback of iPod Video. Check the accessories (page 27) to find the correct cable for your headunit.

## 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.

## MOSFET 50 W X 4



The MOSFET 50 W power amp 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 MOSFET 50 W x 4 headunits 50 W x 4 of sonic clarity, matching the best component amplifiers.

## MP3



Popular compression format that allows large amounts of audio files to be stored on one CD-R/CD-RW disc. 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.

## MULTI-LANGUAGE USER INTERFACE



Select from up to 7 languages (English, French, German, Italian, Spanish, Dutch or Russian) to navigate the headunit's display menu in your language of choice.

## OEL DISPLAY



Pioneer's OEL displays let you view all information clearly. Two types are available. Pioneer's blue OEL display shows three lines of information at a resolution of 192 x 48. You can also customise the display with a variety of high-quality stills and motion graphics. Pioneer's dot segment OEL display shows information on two lines of 16 characters and has white illumination.

## OEM DISPLAY OUTPUT



The OEM display output enables you to connect your headunit to your car's existing digital display\*. Information, such as radio frequency and CD track number, is outputted through the IP-Bus connection via an optional interface.

\* Find the correct adapter for your car at [www.pioneer.eu](http://www.pioneer.eu)

## OEM REMOTE CONTROL READY



If your car features an existing steering wheel remote control, you can connect it to your headunit and take full control via that remote control\*. By using an optional OEM remote control adapter, the headunit can be hard-wired directly to the car's original remote control system via the mini-jack input at the back of the headunit. 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](http://www.pioneer.eu)

## 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.

## RADIO DATA SYSTEM (RDS)



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

- AF (Alternative Frequency) 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.
- PI (Programme Identity) Seek will automatically search for a different station with the same programming, if the tuner can't find a suitable station or reception status becomes bad.
- TA (Traffic Announcement) 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.
- PTY (Programme Type) 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 (1, 2, 3)



RCA pre-outs enable you to easily expand your sound system. Depending on whether your headunit 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 the 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



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 DEH-P4100SD headunit features an SD slot behind its front panel, allowing music playback. The 2009 NavGate line-up features many models that allow SD music and/or video playback. SD cards can also be used for updating NavGate units via the NavGate Feeds PC application.

## SOURCE LEVEL ADJUSTER (SLA)



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

## TELE ATLAS MAPS



Tele Atlas provides map data for Pioneer's navigation 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)



Keeps the driver updated on current traffic events and suggests alternative routes.

## USB



Universal Serial Bus (USB) is an external peripheral interface standard for communication between Pioneer units and external peripherals over a connection cable.

## USB-IN (FRONT/REAR)



Using the integrated front or rear USB-in terminal, it takes only seconds to expand your system with a USB stick with audio content or a USB audio player and play your compressed audio files. Controlling the device can be done from the headunit or via a remote control.

## VOICE RECOGNITION



The DEH-P8100BT and DEH-P7100BT Bluetooth CD tuners feature voice recognition. This means you perform certain Bluetooth telephony functions by using speech commands\*.

\* Available in English, French, German, Italian, Spanish and Dutch.

## 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.

## WINDOWS MEDIA AUDIO (WMA)



WMA is a music compression format developed by the Microsoft Corporation. It uses the latest coding technologies to compress an original audio track, minimising file sizes while maintaining good audio quality.

## 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.



## PIONEER WORLD

Forget yesterday's limits, this is tomorrow's technology, Pioneer style.  
So surround yourself with Pioneer – at work or play. You'll come alive. We promise.



Audio & Video



KURO Flat Screen TV



DJ Products



In-car AV/Navigation

For detailed information concerning Pioneer's Environmental Policy, please visit the following site: [www.pioneer.eu/environment](http://www.pioneer.eu/environment)

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