

## A/V Components 2008-2009

Indulge All Your Senses with the Ultimate Home Entertainment Experience



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## Seamless Flow of Entertainment — No Missing Link Here





Pioneer proudly presents a range of components that reaches out with significantly enhanced connections. The VSX-1018AH A/V receiver offers the equivalent of the original sound track with Dolby TrueHD and DTS-HD Master Audio — the highest quality audio formats available — to complement the high definition videos provided by Blu-ray discs. The A/V receiver lineup includes 1080p transfer feature via HDMI output, and enhanced USB connection for digital audio transfer from iPod and USB devices. By connection with DV-610AV or DV-410V DVD player and a flat screen TV, HDMI direct digital transfer ensures lossless, high-resolution picture from source to screen. The DVR-660H/DVR-560H DVD recorders even let you enjoy DivX and other audio and video files from your PC, by a simple USB connection. Feel the new world of digital entertainment at your fingertips.

**VV RECEIVERS** 

**DVD PLAYERS** 

SPEAKERS

## Feature Highlights of the New A/V Receivers

Pioneer presents an advanced lineup of A/V receivers for creating the next generation home theatre. High-definition Blu-ray has brought a new dimension to audio as well as visual potentials. With Pioneer's new A/V receivers, you can enjoy the benefits of the new generation audio formats, such as DTS-HD Master Audio and Dolby TrueHD, or play music from iPod and other portable digital devices with improved connectivity via USB.

Innovations for Superior Sound — Phase Control — An Innovation for Multi-Channel Sound Compensation (VSX-1018AH, VSX-918V, VSX-818V, VSX-518)

When amplifying multi-channel audio signals, receivers use Low Pass Filter (LPF) for processing low-frequency signals for subwoofer output. This extra process causes "phase lag", or approximately 5 msec delay of low-frequency signals with respect to those of main channels. The delayed bass affects the quality of main-channel sound and makes the sound lack synchronisation

Pioneer's latest A/V receivers incorporate original Phase Control technologies, which apply a new bass management system to effectively compensate for the phase lag between subwoofer channel and the main els. This significantly improves the multi-channel sound without any extra operation.



### Create an Ideal Acoustic Environment with Ease — with MCACC (Multi-Channel Acoustic Calibration System) (VSX-1018AH, VSX-918V, VSX-818V)

MCACG

EQ Pro

≤:Cancel

MILITS

MCACC allows you to duplicate the acoustic environment of the mixing studio, where recordings ndtracks are mixed and mastered. With the Pioneer A/V receivers, the system — complete with a microphone — compensates for differences in speaker size, speaker level, 2.Auto MCACC and speaker distance, and equalises response with 9-Band (VSX-1018AH) or

automatically

5-Band (VSX-918V, VSX-818V) EQ, all

Acoustic Calibration by MCACC



Moreover, the VSX-1018AH has a double expanded range for acoustic measurements from 0 to 160 msec including the direct sound area. You can make automatic or manual selection of the equalisation point for more precise acoustic adjustments suited to your room environment.

USB Connection for iPod and USB Devices (VSX-1018AH, VSX-918V, VSX-818V)

Made for

iPod

Auto

Level

You can easily enjoy music from iPod and other USB devices by plugging the cable into the front USB terminal. The lossless digital transfer provides highquality sound for your music. Your iPod or USB device can be operated with the remote control and OSD display.

\* iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.



### Auto Level Control Volume Management System (VSX-1018AH, VSX-918V, VSX-818V, VSX-518)

The new feature equalises volume level differences between tracks when playing from iPod or other portable audio players. The playback volume is maintained at a consistent level, so there is no need to make adjustments for each song.



### Advanced Sound Retriever (Restores the quality of compressed audio) (VSX-1018AH, VSX-918V, VSX-818V, VSX-518)

The units come with the Advanced Sound Retriever, which significantly improves the sound quality of compressed audio — such as WMA, MPEG-4 AAC, and MP3 — to the level of CD sound. This Pioneer-exclusive technology applies a special algorithm to restore the signals in barely audible ranges, which are eliminated during the compression process.







Rear Pane

### New Generation Audio Formats-DTS-HD Master Audio (VSX-1018AH)

The VSX-1018AH features DTS-HD Master Audio decoder for playing the highest quality audio



TRUETO

format. With DTS-HD Master Audio, you can enjoy sound that is bit-for-bit identical to the studio master. DTS-HD Master Audio delivers audio at extremely high variable bit rates of 24.5 Mbps, which far exceeds standard DVDs. DTS-HD Master Audio offers movies and music in the pure, original state as intended by the artists.

\* DTS is a registered trademark & the DTS logo and Symbol are trademarks of DTS, Inc.

### Dolby TrueHD (VSX-1018AH)

The VSX-1018AH comes with Dolby TrueHD decoders. This new audio format delivers sound that is on par with the original soundtrack, letting you experience the world of true high-definition entertainment from Blu-ray Discs. With lossless encoding in up to 18 Mbps bit rate, Dolby TrueHD creates a

synergy with high-definition video to offer you a home theatre experience like never before.

\* Dolby, Dolby TrueHD, Pro Logic II, Dolby Digital EX, and the double-D symbol are registered trademarks of Dolby Laboratories.



### Home Theatre Sound -**THX Select2 Plus Certified (VSX-1018AH)**

THX is a Lucasfilm Ltd. programme created to achieve maximum accuracy in the reproduction of movie sound. The VSX-1018AH has adhered to rigorous guidelines for



sound purity, power output and processing capabilities required for the certification. The latest THX Select2 Plus certification offers a wide array of listening modes for enhanced entertainment, delivering sounds just as they were mixed in the studio, regardless of volume level

\* The THX logo is a trademark of THX Ltd., which may be registered in some



SPEAKERS

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### Without and the second **VSX-918V-S**

A 5-channel A/V receiver featuring 160 W x 5ch power, Phase Control, Advanced Sound Retriever, Auto MCACC with 5-band EQ, Front Stage Surround Advance, HDMI repeater, and iPod<sup>®</sup> Digital Playback (Made for iPod)



A 5-channel A/V receiver featuring 160 W x 5ch power, Phase Control, Advanced Sound Retriever, Auto MCACC with 5-band EQ, Front Stage Surround Advance, HDMI switching, and iPod<sup>®</sup> Digital Playback (Made for iPod)

### **Pioneer-Exclusive Innovations**

- Phase Control (Bass management system ensures precision low frequency output)
- Auto MCACC setup with 5-band EQ
- Advanced Sound Retriever (for enhanced PC and portable audio)
- Front Stage Surround Advance
- Auto Level Control
- New Pioneer Hybrid Amplifier Design II (for audiophile sound reproduction)

### **Features for Superior Sound Quality**

- Maximum power (8 ohms): 160 W x 5ch
- Advanced Digital Core Engine with Freescale 180MIPS 48-bit Processing DSP
- 192 kHz/24-bit DAC

- **Surround Sound Technologies** • DTS/DTS 96/24/Dolby Digital/Dolby Pro Logic II decoders
- WMA9 Pro decoder
- Audio delay for adjusting Lip Sync (0-160 ms) (VSX-918V-S)
- Dialogue Enhancement
- · Stream Direct (for pure and unprocessed digital sound)

### **Enhanced Convenience**

- HDMI repeater (1080p, x.v.Colour compatible) (VSX-918V-S)
- HDMI switching (1080p compatible) (VSX-818V-K(-S))
- ▶ iPod player digital direct via USB
- ▶ USB memory audio ready (USB Host function)
- Portable audio player ready (analogue connection via front audio jack) • SR+ terminal (Control your A/V receiver via Pioneer plasma TV remote Sensor) (VSX-918V-S)



VSX-918V-S



VSX-818V-K Silver Finish Also Available (VSX-818V-S)



Rear Panel of VSX-918V (Same for VSX-818V, except it does not have SR+ terminals)

### HDMI Repeater (VSX-918V)

The VSX-918V comes with the HDMI repeater feature, allowing full-digital transfer of high-quality audio as well as up to 1080p video signals. It also supports x.v.Colour, which can display rich textures and threedimensional images for enhanced visual entertainment.

### HDMI Switching (VSX-818V)

The HDMI switching feature on the VSX-818V provides full-digital transfer of up to 1080p high-definition video signals.

### \* Analogue and/or digital connections necessary to hear audio from an HDMI component

## VSX-518-S(-K) VSX-518-S(-K)

A 5-channel A/V receiver featuring 160 W x 5ch power, Phase Control, Advanced Sound Retriever, and Front Stage **Surround Advance** 

### **Pioneer-Exclusive Innovations**

- Phase Control (Bass management system ensures precision low frequency output)
- Advanced Sound Retriever (for enhanced PC and portable audio)
- Front Stage Surround Advance
- Auto Level Control
- New Pioneer Hybrid Amplifier Design II (for audiophile sound reproduction)

### **Features for Superior Sound Quality**

- Maximum power (8 ohms): 160 W x 5ch
- Digital Core Engine with Freescale 180MIPS 48-bit Processing DSP
- 192 kHz/24-bit DAC



## **HTP-4900**



Audio Receiver + 5.1-Channel Speaker System A package designed to complement your TV, with slim floor standing speakers and a powerful subwoofer for full surround sound

ats 😂

### SX-217-S Audio Receiver

- Maximum power (8 ohms): 130 W x 6ch
- Sound Retriever (Restores the quality of compressed audio) WMA9 Pro decode

- S-FCR4700 Multi-Channel Surround Sound Speaker System
- Dimensions (W x H x D)
- Weight - Front/Surround: 4.2 kg, Centre: 0.78 kg
- Impedance: 8 ohms

### S-W3700 Subwoofer

- Dimensions (W x H x D): 190 x 360 x 320 mm
- Weight: 4.0 kg







### **Pioneer Hybrid Amplifier Design II** - for Audionhile Sound Reproduction (VSX-918V, VSX-818V, VSX-518)

Pioneer Hybrid Amplifier Design II uses a sound quality and total harmonic distortion



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realising wider range of current drive stage. The module has also decreased in size, and the smaller feedback loop have been carefully selected, such as the power amplifier capacitors chosen by listening tests, and the pre-amp IC which

newly selected module, for improved (THD). The output transistors feature lower base capacitors than the previous model, minimises influences from the noise. Parts









### Surround Sound Technologies

- DTS/DTS 96/24/Dolby Digital/Dolby Pro Logic II decoders
- WMA9 Pro decoder
- Dialogue Enhancement
- Auto Surround
- Stream Direct (for pure and unprocessed digital sound)
- **Enhanced Convenience**
- Quick setup
- · Portable audio player ready (analogue connection via front audio jack)
- SR remote control

## **HTP-2900**



Audio Receiver + 5.1-Channel Speaker System A package including compact speakers and a powerful subwoofer for dynamic multi-channel entertainment

### SX-217-S Audio Receiver

- Maximum power (8 ohms): 130 W x 6ch
- Sound Retriever (Restores the quality of compressed audio)
- WMA9 Pro decoder
- DTS 96/24/Dolby Digital/Dolby Pro Logic II decoders
- Portable audio player ready (analogue connection via front audio jack) S-FCRW2900-S Multi-Channel Surround Sound

### Speaker System

- Dimensions (W x H x D)
- Front/Surround: 100 x 136 x 80 mm, Centre: 270 x 96 x 90 mm, Subwoofer: 190 x 360 x 320 mm
- Weight
- Front/Surround: 0.55 kg, Centre: 0.78 kg, Subwoofer: 4.0 kg Impedance: 8 ohms



A 3.5 mm audio jack input on the front panel permits analogue connection with portable audio players at ease.



### FEATURE COMPARISON & SPECIFICATIONS: A/V RECEIVERS

	VSX-1018AH-S	VSX-918V-S	VSX-818V-K(-S)	VSX-518-S(-K)	SX-217-S (HTP-4900, HTP-2900)
	NAMES OF TAXABLE PARTY.				
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	0	0. 0	D	0	34 miles and an Of
				2	
Power Output			1		
Continuous Power Output Stereo (DIN, 1 kHz, 1.0 % THD)	150 W + 150 W (6 ohms)	100 W + 100 W (8 ohms)	100 W + 100 W (8 ohms)	100 W + 100 W (8 ohms)	100 W + 100 W (8 ohms)
Rated Power Output	150 VV + 150 VV (6 onms)	100 VV + 100 VV (8 0nms)	100 VV + 100 VV (8 0nms)	100 VV + 100 VV (8 onms)	100 VV + 100 VV (8 0nms)
Multi-ch (20 Hz - 20 kHz, 0.09 % THD for VSX-1018AH-S)*					
Multi-ch (20 Hz - 20 kHz, 0.06 % THD)					
Front	120 W + 120 W (6 ohms) <sup>†</sup>	95 W/ch (8 ohms)	95 W/ch (8 ohms)	95 W/ch (8 ohms)	100 W/ch (8 ohms)
Centre Surround	120 W (6 ohms) <sup>†</sup> 120 W + 120 W (6 ohms) <sup>†</sup>	95 W (8 ohms) 95 W/ch (8 ohms)	95 W (8 ohms) 95 W/ch (8 ohms)	95 W (8 ohms) 95 W/ch (8 ohms)	100 W (8 ohms) 100 W/ch (8 ohms)
Surround Back	120 W + 120 W (6 ohms) <sup>†</sup>	55 W/CII (6 011118)	55 W/CII (6 011115)	35 W/CII (8 0IIIIS/	
Maximum Power (RMS, 1 kHz, 10 % THD)	180 W x 7ch (6 ohms)	160 W x 5ch (8 ohms)	160 W x 5ch (8 ohms)	160 W x 5ch (8 ohms)	130 W x 6ch (8 ohms)
					100 Hz for SW ch*1
Amplifier Design			1		1
Channels	7 Discusts (A.D. Ensuru)	5	5	5	6
Amplification Type Impedance Guarantee	Discrete (A.D. Energy) 6 ohms	Hybrid II 6 ohms (Default Setting 8 ohms)	Hybrid II 6 ohms (Default Setting 8 ohms)	Hybrid II 6 ohms (Default Setting 8 ohms)	Hybrid 6 ohms (Default Setting 8 ohms)
Construction Design	0 011110	o onno (bondan ootting o onno)	o onno (bondan ootning o onno)	o onno (Doraan oorang o onno)	o onno (bondur ootting o onno)
Advanced Direct Construction	•				
Trans. Stabilizer	•				
MCACC Features					
Auto MCACC	Advanced (9 Band EQ)	5 Band EQ	5 Band EQ		
DSP Design	E   400 MIRO D	5 I 100 100 0	E   100 100 D	E   100 1100 D	E   100110000
Digital Core Engine DAC	Freescale 400 MIPS Processing DSP 192 kHz/24-bit	Freescale 180 MIPS Processing DSP 192 kHz/24-bit	Freescale 180 MIPS Processing DSP 192 kHz/24-bit	Freescale 180 MIPS Processing DSP 192 kHz/24-bit	Freescale 180 MIPS Processing DSP 192 kHz/24-bit
DAC DSP Features (License or Format)	132 KHZ/24-DIL	132 KHZ/24-DIL	132 KHZ/24-DIL	1 JZ KNZ/Z4-DIL	132 KH2/24-DIL
THX	THX Select2 Plus				
DTS-HD Master Audio	•				
Dolby TruHD	•				
Dolby Digital EX	•	•	•	•	•
Dolby Digital Dolby Pro Logic II/Dolby Pro Logic IIx	• / •	• / -	• / -	• / -	• / -
DTS-ES	•	- / -	- / -	- / -	- / -
DTS 96/24	•	•	•	•	•
DTS	•	•	•	•	•
WMA9 Pro Neural THX	•	•	•	•	•
DSP Features (Original)	-				
Phase Control	•	•	•	•	
Advanced Surround Modes	13 Modes + 1*2	11 Modes + 1*3	11 Modes + 1*3	11 Modes + 1*3	9 Modes <sup>*4</sup>
Front Stage Surround Advance	<ul> <li>(Focus, Wide)</li> </ul>	<ul> <li>(Focus, Wide)</li> </ul>	<ul> <li>(Focus, Wide)</li> </ul>	• (Focus, Wide)	
Virtual Surround Back	•	•	•	•	•
Sound Retriever Dialogue Enhancement	• (Advanced) •	• (Advanced) •	• (Advanced)	• (Advanced) •	•
Midnight Listening Mode	•	•	•	•	•
Loudness	•	•	•	•	•
Tone Control	•	•	•	•	•
Audio Features	•	•			
Sound Delay (Lip-Sync) Stream Direct	•	•	•	•	•
HDMI					1
1080p Transferring	•	•	•		
x.v.Colour	•	•	• (Through)		
Deep Colour	•		• (Through)		
Repeater Switching	•	•	•		
Switching Video Converter	Up to HDMI (Analogue to HDMI only)		-		
iPod®					
iPod® Digital Audio	•	•	•		
Supported Models	5th.gen./nano and above	5th.gen./nano and above	5th.gen./nano and above		
USB			· -		
Terminal Type USB Host Function (for Audio Playback)	A-Type •	A-Type	A-Type		
Tuner	· ·	•	•	 	! 
FM/AM Tuner	•	•	•	•	•
Radio Random Preset Select	30	30	30	30	30
FM/AM 3-Speed Accelerated Tuning	•	•	•	•	•
Remote Control					
Type Torringle (Main Deem)	Preset	Preset	Preset	SR	SR
Terminals (Main Room)	0/1 /D / `	2/1 / 5	0/1/0 :: ! :		
HDMI Input/Output USB Input (for Memory Audio)	2/1 (Repeater)	2/1 (Repeater) 1	2/1 (Switching)		
Digital Coaxial Input/Output	2/0	1/0	1/0	2/0	2/0
Digital Optical Input/Output	4/1	2/0	2/0	1/0	1/0
Analogue Multi-ch Input	7.1ch	DVD 5.1ch	DVD 5.1ch	DVD 5.1ch	
Preamp Output Audio Input/Rec. Output	7.1ch 2/1	3/1	3/1	2/1	2/1
Audio Input/Rec. Output Audio Mini Jack Input	۷/۱	3/1	3/1	2/1	1
AV (Composite) Input/Rec. Output	5/2	4/1	4/1	3/1	
Component Video Input	3	3	3	3	
Monitor Video Output (to TV)/Component/S-Video/Composite		1/0/1	1/0/1	1/0/1	
System Remote (SR+) Input/Output	1/1	1/1			
Miscellaneous	400 v 172 ·· 400 ·····	420 x 150 ··· 252 5 ·····	420 x 150 ·· 252 5 ····	400 x 150 x 050 5	420 x 150 ··· 240 ·····
Dimensions (W x H x D) Weight	420 x 173 x 433 mm 13.5 kg	420 x 158 x 352.5 mm 8.1 kg	420 x 158 x 352.5 mm 8.1 kg	420 x 158 x 352.5 mm 7.9 kg	420 x 158 x 348 mm 8.4 kg
Power Requirements	13.5 Kg 110/120-127/220/230-240 V	8.1 Kg 110/120-127/220/230-240 V	8.1 Kg 110/120-127/220/230-240 V	7.9 kg 110/120-127/220/230-240 V	8.4 Kg 110/120-127/220/240 V
	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Power Consumption	410 W	290 W	290 W	280 W	320 W
Power Consumption during Standby	0.6 W (Stby - KURO LINK off)	0.5 W	0.5 W	0.5 W	0.5 W
	0.75 W (Stby - KURO LINK on)				

0.75 W (Stby - KURO LINK on) 0.75 W (Stby - KURO LINK on) 1.15 Kuro 1.10 % THD, 8 ohms), SW (100 Hz, 1.0 % THD, 8 ohms) \*2 Action, Drama, Sci-Fi, Mono Film, Entertainment Show, Expanded Theater, TV Surround, Advanced Game, Sports, Classical, Rock/Pop, Unplugged, Extended Steree + Phones Surround \*\* Action, Drama, Mono Film, Entertainment Show, Expanded Theater, TV Surround, Advanced Game, Sports, Rock/Pop, Unplugged, Extended Steree + Phones Surround \*\* Advanced Movie, Advanced Mosic, Expanded Theater, Sch Steree, TV Surround, Advanced Game, Sports, Phones Surround

### **Optional iPod Dock for Pioneer A/V Receivers**

### **IDK-01**

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Universal iPod Dock for A/V Receivers



<sup>•</sup> Enjoy iPod music through your Pioneer A/V receiver and home theater speakers

• View iPod video and photos on your TV

• TV on-screen menu display of your music, photo, and video library

Automatically charges iPod

**Feature Highlights of the New DVD Players** 

Since introducing the world's first Laser Disc player in 1980, Pioneer has remained at the forefront of optical disc innovations. As the leader in home entertainment products, we have taken advantage of our extensive engineering expertise to offer DVD players featuring the best of optical disc technologies. This year, our lineup is further enhanced with high resolution HDMI output to a flat screen TV, and close linkage with the latest PC file formats — deserving to be called the ultimate multimedia player.

### HDMI Interface (DV-610AV, DV-410V)

These Pioneer DVD players feature HDMI (High Definition Multimedia Interface), an industrysupported, uncompressed, all-digital audio/video interface. For example, combine the DVD player with our VSX-1018AH A/V receiver and a flat screen TV, and HDMI's all-digital signal processing gives you superior pictures and sound - with no loss. It does this by



allowing transmission of both audio and video signals with no D/A or A/D conversion, through a single-cable connection. The units are even capable of 1080p upscaling.



\* The above DVD players allow output of Linear PCM (2-channel) and compressed audio (Dolby Digital, DTS, and MPEG). The DV-610AV also allows 5.1-channel Linear PCM and 2-channel/5.1-channel DSD output. 24 Hz is not supported with HDMI 1080p output.

### **Versatile Parameters for Video Control**

All Pioneer DVD players feature the Video Adjust function which allows versatile image control for customised picture quality. You can adjust Sharpness, Brightness, Contrast, Gamma, Hue, and Chroma Level. The DV-610AV also has the Block Noise Reduction and Ringing Noise **Reduction functions.** 





A high-performance DVD Audio/Video & SACD player featuring HDMI 1080p upscaling, USB, WMV playback, and DivX<sup>®</sup> Ultra playback

**НЭШ** 1080р UPSCALING



### 192 kHz/24-bit D/A Converter (DV-610AV)

The DV-610AV features 192 kHz/24-bit DACs, to reproduce 192 kHz/24-bit 2-channel stereo, or 96 kHz/24-bit 5.1-channel surround sound. By connecting to a 5.1-channel A/V receiver, you can enjoy multi-channel playback of high-quality SACD or DVD-Audio sound.

Remote control and AC adaptor included

### DivX<sup>®</sup> Video Playback

The DVD players allow playback of DivX<sup>®</sup> videos from CD-R/-RW and DVD-R/-RW discs, and from USB memory with DV-610AV, DV-510K, DV-410V,

and DV-310. DivX<sup>®</sup> is a popular media technology including digital video, which ensures a high compression rate and fast transfer speed without appreciably compromising the picture quality. Create a DivX<sup>®</sup> movie on your PC, burn it to a disc, and play it on the Pioneer DVD players.

What's more, the DV-610AV is an official DivX<sup>®</sup> Ultra Certified product. This means the unit lets you enjoy DivX<sup>®</sup> media files with interactive features like DVD Video — including menus, selectable subtitle languages/audio tracks, and so on.

\* DivX, DivX Ultra Certified, and associated logos are trademarks of DivX, Inc. and are used under license

### WMV Playback (DV-610AV, DV-410V)

These DVD players are compatible with WMV 9 (Windows Media® Video), the latest high-resolution high-compression video format used by Windows Media® Encoder 9 Series. Enjoy your own compilation of videos downloaded from websites.

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

### WMA/MPEG-4 AAC/MP3 Playback

All Pioneer DVD players can playback WMA and MP3 compressed audio files, as well as the latest MPEG-4 AAC format.

### USB Terminal (DV-610AV, DV-510K, DV-410V, DV-310)

The USB terminal on these units allow connection with USB mass storage class devices, for easy playback of WMA/ MPEG-4 AAC/MP3 music files, JPEG photo files, and DivX video files. The DV-610AV and DV-410V can also play WMV files.



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NVX6	PhotoViewer	WMV/WMA/MPEG-4 AAC/MP3	PAL/NTSC





The DV-610AV lets you directly record songs from CDs on to USB devices. The data is stored in MP3 format, letting you can choose the bit rate from 128/192/320 kbps. You can copy the whole album, or select tracks.

👌 co 🤃 usa	***	_			_
			Track 1-15		
alect Track	1284.9ps		Trask01	0188	
et y arbe	· TRindpe		TrackOB	0511	
	B20kbpe		Tinack(08	08.95	
		18	TrackOl	D158	
-			Track05	08:08	
			Track06	0505	
leikerbed Track	F CB		Track07	D484	
Intel Time	P prece		TrackOB	0120	
1116 1216	• p1804				

**DVD PLAYERS** 

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	DV-610AV-S	DV-510K-S	DV-410V-S(-K)	DV-310-S	DV-210K-K
	DT OIGHT C	BY STOK S		54 010 0	DV LINK K
			The second second		
	Ta	10	T 74	and the second second second	
echnical Features					
layback Discs	DVD/SVCD/VCD/CD/DVD-Audio/	DVD/SVCD/VCD/CD/CD-R/-RW/	DVD/SVCD/VCD/CD/CD-R/-RW/	DVD/SVCD/VCD/CD/CD-R/-RW/	DVD/SVCD/VCD/CD/CD-R/-RW/
	SACD/CD-R/-RW/DVD-R/-R DL/-RW (Video Mode, VR Mode W/CPRM)/	DVD-R/-R DL/-RW (Video Mode, VR Mode W/CPRM)/DVD+R/	DVD-R/-R DL/-RW (Video Mode, VR Mode W/CPRM)/DVD+R/	DVD-R/-R DL/-RW (Video Mode, VR Mode W/CPRM) /DVD+R/	DVD-R/-R DL/-RW (Video Mode VR Mode W/CPRM)/DVD+R/
	DVD+R/+R DL/+RW (Video Mode)	+R DL/+RW (Video Mode)	+R DL/+RW (Video Mode)	+R DL/+RW (Video Mode)	+R DL/+RW (Video Mode)
Twin-Wave Laser Pickup	•	•	•	•	•
Dual System (PAL/NTSC) Compressed Video and Music Playback	•	÷	÷	•	•
VMV	•		•		
)ivX	• (Ultra)	•	•	•	•
PEG PhotoViewer	•	•	•	•	•
ID JPEG 1PEG-4 AAC	•	•	•	•	•
1P3	•	•	•	•	•
VMA	•	•	•	•	٠
HOTO + MUSIC MIX (JPEG Slideshow with Music) Audio Features	•	•	÷	•	•
VD-Audio Compatibility	•				
ACD Multi Compatibility	•				
92 kHz/24-bit D/A Converter (6ch)	•		•		
6 kHz/24-bit D/A Converter ITS 96/24 Decoder	•	•	•	•	•
TS 5.1-Channel Decoder	•				
TS 2-Channel Downmix Output	•		•		
olby Digital 5.1-Channel Decoder	•			•	•
irtual Surround ligital Output (Dolby Digital, DTS (DVD),	•	•	•	•	•
IPEG Audio, Linear PCM)					-
ound EQ		•	•	•	•
Dialogue Dynamic Range Control (DVD)	•	•	•	•	•
Digital Out On/Off	•	•	•	•	•
(araoke Mic Echo		•			•
Karaoke Digital Key Control		•			•
/ideo Features Dual PureCinema Progressive Scan (PAL/NTSC)	•	•	•	•	•
08 MHz/12-bit D/A Converter	•	•	•	•	•
/P Simultaneous Output	•		•		
3NR Block NR & Ringing NR	•				
/ideo Adjust Coom Function	•	•	•	•	•
Conveniences	•	·	·	•	•
ast Memory (DVD)	DVD: 5, VCD: 1	DVD: 5, VCD: 1	DVD: 5, VCD: 1	DVD: 5, VCD: 1	DVD: 5, VCD: 1
lesume Function (Stop Key)	•*1	•*2	•*2	•*2	•*2
O-Key Direct Search and Play (Chapter/Track) DSD Languages	• English/French/Spanish/Chinese	• English/French/Spanish/Chinese/Hindi	• English/French/Spanish/Chinese	• English/French/Spanish/Chinese/Hindi	• English/French/Spanish/Chinese/Hind
creensaver	English/Trench/Spanish/Chinese     •	Linglish/Terich/Spanish/Chinese/Thinu	•	English/Tench/Spanish/chinese/Tinut     •	Lingilish/Trench/Spanish/Ghinese/Time
luto Power Off	•	•	•	•	•
D->USB Recording erminals	•				
ISB	1*3	1*4	1*3	1*4	
Aic Jack		2	· · ·		2
IDMI Terminal	1 (to 1080p/60 Hz DSD)		1 (to 1080p/60 Hz)		
component Video Output Video Output	1	1	1	1	1
ideo Output	1	1	1	1	1
.1-Channel Audio Output	1				
udio Output	1	1	1	1	1
oaxial Digital Output ptical Digital Output	1	1	1	1	
pecifications	· ·	· ·	· ·	· ·	·
ower Requirements	110-240 V 50/60 Hz	110-240 V 50/60 Hz	110-240 V 50/60 Hz	110-240 V 50/60 Hz	110-240 V 50/60 Hz
ower Consumption	12 W	11 W	11 W	11 W	7 W
ower Consumption during Standby Mode limensions (W x H x D)	0.8 W 420 x 49.5 x 215.5 mm	0.8 W 420 x 49.5 x 222 mm	0.8W 420 x 49.5 x 215.5 mm	0.7 W 420 x 49.5 x 215.5 mm	0.8 W 420 x 49.5 x 221 mm
				TLU A TJ.J A LIJ.J IIIII	

\*4 Only supports USB Mass Storage Class. Compatible with DivX/WMV/MPEG-4 AAC/WMA/MP3/JPEG. \*4 Only supports USB Mass Storage Class. Compatible with DivX/MPEG-4/AAC/WMA/MP3/JPEG.

Rear Panels



DV-610AV-S

HOMI OUT PA	

DV-410V-S(-K)



DV-510K-S/DV-310-S



DV-210K .

Pioneer 0 0 0

HDMI

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Not available in some countries

DV-610AV

DV-510K

DV-410V

DV-310

\* Not compatible with DRM (Digital Rights Management) contents. Not compatible with high-definition video contents.

USB

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DVD

DivX

(Ultra)

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Divis Date DO BOLL

WMV

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NMA/MPEG-4 AAC/MP3

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Karaoke

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video contents



## **Pioneer High Performance DVD Recorders with Built-in HDD**

Since introducing the world's first DVD recorder in 1999, Pioneer has been leading the digital revolution in home entertainment. Now, the highest resolution DVD recorder and HDD are combined into one — becoming a universal archive for audio as well as visual entertainment. These state-of-the-art systems will open a new world to your home entertainment.

### **DVD Multi Disc Recording and Playback**

In addition to DVD-RAM\* and DVD+R/RW, Pioneer DVD DVD ers are compatible with Dual Layer DVD-R and Double Layer DVD+R, letting you record and playback a wide MULTI selection of discs. No need to worry whether your discs are usable on the DVD recorder



\* For DVD-RAM playback, please take the disc out of the cartridge before use

### HDMI Interface (DVR-660H, DVR-560H)

These Pioneer DVD recorders feature HDMI (High Definition Multimedia Interface), an industry-supported, uncompressed, alldigital audio/video interface. Connect the



DVD recorder with our A/V receiver and flat screen TV, for example, and HDMI's all-digital signal processing gives you superior pictures and sound — with no loss. It does this by allowing transmission of both audio and video signals with no D/A or A/D conversion, through easy single-cable connection. The DVR-660H and DVR-560H feature 1080 digital output, to deliver pictures in the highest resolution.



### KURO LINK (DVR-660H, DVR-560H)

By connecting these DVD recorders with a compatible Pioneer flat screen TV, KURO LINK lets you operate the basic functions such as power on/off, playback, and recording, with only the flat screen TV's remote control.

### Connect Your Digital Camcorder (DVR-660H, DVR-560H)

Connect your digital video camcorder through the DV-In ● TM terminal, and discover how simple it is to view and organize your home movies. When you import video, Auto Chapter can automatically divide footage into chapters for quick access to your favourite scenes. You can edit footage any way you like using the easy-to-follow GUI - changing sequences or selecting only desired scenes - and copy the results to DVD. The remote control is all you need to navigate through functions on both the camcorder and the **DVD** recorde

\* "i.LINK" and "i.LINK" logo are trademarks. Can be connected to video DV decks and DV camcorders (some models are not compati

### **On-screen Help**

Operating a DVD recorder has never been this easy. When you are not sure what to do, just press the HELP button on the new user-friendly remote control. A pop-up message will appear on your screen to guide you through the next steps of the menu.

# HELP



### **Recording Time**

Recording Mode		HDD		DVD+R	Double Layer DVD+R	DVD+RW	DVD-RAM <sup>†</sup>	DVD-R	Dual Layer DVD-R	DVD-RW
	DVR-660H	DVR-560H	DVR-340H			DVR-	660H/DVR-560H/DVR-	340H		
XP+	36 H	23 H								
XP	53 H	34 H	17 H	1 H	1.8 H	1 H	1 H	1 H	1.8 H	1 H
SP	106 H	68 H	34 H	2 H	3.5 H	2 H	2 H	2 H	3.5 H	2 H
LP	212 H	136 H	68 H	4 H	7.1 H	4 H	4 H	4 H	7.1 H	4 H
EP	319 H	204 H	102 H	6 H	10.7 H	6 H	6 H	6 H	10.7 H	6 H
SLP	425 H	272 H	136 H	8 H	14 H	8 H	8 H	8 H	14.3 H	8 H
SEP	532 H	340 H	170 H	_		-	10 H	10 H	17.9 H	10 H
MN1	711 H	455 H	227 H	8 H*	14 H*	8 H*	13 H	13 H	24 H	13 H

Up to 999 titles can be recorded on HDD. Up to 99 titles can be recorded on a DVD-R/RW/-RAM disc. Up to 49 titles can be recorded on a DVD+R/+RW disc. For DVD-RAM playback, please take disc out of the cartridge before use.

### **Disc Navigator**

Finding recorded programmes is easier than ever. Just scroll through the thumbnails (with sound) of the videos. Choose between 4 titles or 8 titles display mode. \* Not available after finalization of DVD-R/RW discs (Video mode).



4 Titles Display

### **Quick Preview**

You can select programmes recorded on the hard disk drive (HDD) from the Disc Navigator, to see a one minute preview. See digests of recorded programmes at your fingertips.

22:43 Red 1/08

8 Titles Display

Astant .....



### 3D Noise Reduction (Component Frame DNR)

Independent noise reductions are applied to Y, PB, PR signals to create noise-free high-quality pictures.

### **PAL/NTSC 3D Y/C Separation Circuit**

The DVR-660H and DVR-560H carry the world's first PAL 3D Y/C separation circuit. It eliminates cross-colour artefacts and dot crawls to deliver superior picture quality.





## **DVR-660H-S**









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### Recorded Program





### **DVR-560H-S** 160 GB Hard Disk Drive + DVD Recorder

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Conveniences

Disc Navigator

Quick Preview

Help function

### FEATURE COMPARISON & SPECIFICATIONS: DVD RECORDERS

		DVR-66	JOH-S	DVR-5	60H-S	DVR-34	40H-S
						4.	
DD/DVD		HDD (250 GB)	DVD	HDD (160 GB)	DVD	HDD (80 GB)	DVD
cording Mode (Format) D Function			VR Mode Video Mode		VR Mode Video Mode		VR Mode Video I
e-Touch Copy		• (HDD to DVD, DVD to HDD)	-	• (HDD to DVD, DVD to HDD)	-	• (HDD to DVD, DVD to HDD)	-
gh-Speed Copy te Conversion Copy		(HDD to DVD, DVD to HDD)     (HDD to DVD, DVD to HDD)		(HDD to DVD, DVD to HDD)     (HDD to DVD, DVD to HDD)		(HDD to DVD, DVD to HDD)     (HDD to DVD, DVD to HDD)	-
timized Copy sc Back-up		(HDD to DVD)     •	-	(HDD to DVD)     •	-	• (HDD to DVD) •	
sume (by Title) Nyback		•	-	•	-	•	-
vanced Disc Navigator		•	(before finalization)	•	(before finalization)	•	• (before fir
ick Preview amless Playback		•	• –	•	• –	•	• -
l Skip/Back (Commerci	al Skip/Back) d Recording/Chase Play	•	_	•	_	•	_
x Quick View (scan 1)*		•		•	,	•	
cording L/NTSC		•/	•	• /		• /	•
riable Bit Rate Recordi	ng		•				
sy Timer Code System		-		-		•	
e Touch Recording mber of Events		• 32 (up to 1 m		• 32 (up to 1 m		• 32 (up to 1 m	
ear PCM Recording (A	udio) DivX [File Copy]	• (LP	CM)	• (LP	CM)	• (LP	CM)
otoViewer	JPEG [File Copy]	•	•	•	•		
gital Juke Box	Linear PCM [CD Ripping] MP3 [File Copy]	•		•		• AC3 (CD recording) •	
	WMA [File Copy]	•		•		•	
<b>iting</b> sc Name/Title Name In	put			•		•	
ase Title apter Edit		•	•*2	•	•*2	•	•*2
iy List		-	• –	-	• –	-	• –
curacy py List		Frame <sup>*3</sup> /Video Mode	Frame Title	Frame* <sup>3</sup> /Video Mode •	Frame Title	Frame* <sup>3</sup> /Video Mode	Frame Titl
cture Quality		PAL/N	NTSC.	PAL/N	NTSC	PAL/N	UTSC
ogressive Scan O Noise Reduction		•	•	•	•	•	
leo DAC Y/C Separation Circuit	(NTSC/PAL)	12-bit/108 MHz (Progressive Mode only) •			12-bit/108 MHz (Progressive Mode only) •		gressive Mode only C only)
gital TBC cture Creation	· · ·	•		•		•	
mpressed Video And N	lusic Play			_			
vX® vX PC VIDE0		•*		•*			• (CD only*4)
EG <sup>*5</sup> PhotoViewer 23 <sup>*6</sup>		•		•		-	<ul> <li>(CD only*<sup>4</sup>)</li> </ul>
MA* <sup>7</sup>		•		•		•	
kebox		•	-	•	-	•	-
onvenience HOTO + MUSIC MIX							
OTO + MUSIC MIX		•	_	•	_	-	
IOTO + MUSIC MIX eate PhotoMovie	t	•		•	-		-
OTO + MUSIC MIX eate PhotoMovie to Scan Channel Prese LP Function	it	•	- - -	•	-	-	-
OTO + MUSIC MIX eate PhotoMovie to Scan Channel Prese LP Function D Languages RO LINK	t	• English/Portuguese/Ita	– – alian/Spanish/Chinese	• • English/Portuguese/Ita	_ alian/Spanish/Chinese	– • • English/Portuguese/Ita –	- lian/Spanish/Chinese
IOTO + MUSIC MIX eate PhotoMovie to Scan Channel Prese LP Function ID Languages IRO LINK nnect PC (via USB) me Media Gallery	it	•	_ alian/Spanish/Chinese	•	– alian/Spanish/Chinese	-	- lian/Spanish/Chinese -
IOTO + MUSIC MIX eate PhotoMovie to Scan Channel Prese LP Function iD Languages IRO LINK nnect PC (via USB) me Media Gallery ner	it	English/Portuguese/It	– – alian/Spanish/Chinese	English/Portuguese/It	– alian/Spanish/Chinese	 English/Portuguese/Ita  	lian/Spanish/Chinese
OTO + MUSIC MIX pate PhotoMovie to Scan Channel Prese LP Function D Languages RO LINK nnect PC (via USB) me Media Gallery tor stem	it	English/Portuguese/Ita	- alian/Spanish/Chinese	• English/Portuguese/Ita	– alian/Spanish/Chinese K, NTSC-M/N	– • • English/Portuguese/Ita – –	- lian/Spanish/Chinese - - - K, NTSC-M/N
0TO + MUSIC MIX ate PhotoMovie to Scan Channel Prese IP Function D Languages RO LINK mneet PC (via USB) me Media Gallery ter minal	t AV (Audio/Video)	English/Portuguese/Ite     PAL-B/G, I, D/	– – alian/Spanish/Chinese – – – – – – – – – – – – – – – – – –	English/Portuguese/Ite     PAL-B/G, I, D/	– alian/Spanish/Chinese K, NTSC-M/N B/G, D/K	 English/Portuguese/Ita  	- 
OTO + MUSIC MIX ate PhotoMovie to Scan Channel Prese LP Function D Languages RO LINK mnect PC (via USB) me Media Gallery ter minal mut	AV (Audio/Video) S-Video	• English/Portuguese/Ita • • • • • • • • • • • • • • • • • • •	- alian/Spanish/Chinese K, NTSC-M/N B/G, D/K nt : 1) nt : 1)	• English/Portuguese/Ita • • • • • • • • • • • • • • • • • • •	– alian/Spanish/Chinese /K, NTSC-M/N B/G, D/K nt : 1) nt : 1)		- lian/Spanish/Chinese - K, NTSC-M/N B/G, D/K nt : 1) t : 1)
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OTO + MUSIC MIX ate PhotoMovie to Scan Channel Prese P Function D Languages RO LINK meet PC (via USB) me Media Gallery ter minal ut tput NK (IEEE1394)* <sup>8</sup> (DV To B	AV (Audio/Video) S-Video AV (Audio/Video) S-Video Component Video Digital Audio HDMI arminal)	• English/Portuguese/Itt PAL-B/G, I, D/ SECAM-I 3 (froi 3 (froi 3 (froi 2 (1 2 2 1 (1 1 (to 1086 1 (to 1086 1 (t) 2 (Type A front	- alian/Spanish/Chinese alian/Spanish/Chinese K, NTSC-M/N B/G, D/K Mt : 1) 2 tri 1) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	• English/Portuguese/Ita • • • • • • • • • • • • • • • • • • •	- alian/Spanish/Chinese alian/Spanish/Chinese K, NTSC-M/N B/G, D/K nt : 1) nt : 1) 2 2 2 1 xial Dp/60 Hz) in) (/Type B front)		
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OTO + MUSIC MIX ate PhotoMovie to Scan Channel Prese LP Function D Languages RO LINK RO LINK RO LINK me Media Gallery ner stem minal ut tput NK (IEEE1394)** (DV Te B meer System Remote ( mensions (W x H x D) gight	AV (Audio/Video) S-Video AV (Audio/Video) S-Video Component Video Digital Audio HDMI arminal) Control	• English/Portuguese/Itt PAL-B/G, I, D/ SECAM-I 3 (fron 3 (fron 2 (Trype A front Coa 1 (to 1080 1 (to 1080 1 (to 1080 1 (to 2 (Type A front SR Contr 420 x 75 ) 4.3 110-2	- alian/Spanish/Chinese alian/Spanish/Chinese k, NTSC-M/N B/G, D/K nt : 1) t :	• English/Portuguese/Ita • • • • • • • • • • • • • • • • • • •			

remaining volume is increased when the last title is erased

\*3 With high-speed copy in "Video Mode", editing point might be moved.
\*4 Recording format should be in accordance with ISO9660 level 2 CD-ROM file system. Both Romeo and Joliet file systems are playable. CD physical format: Mode1, Mode2 XA Form 1, Chinese

characters cannot be displayed, although files featuring such names can be played. \*5 JPEG file compatibility: This recorder is compatible with FUJICOLOR CD, as well as CD-R/RW/ROM discs containing JPEG files. Baseline JPEG and EXIF files up to 19 megapixels are supported (max. vertical resolution is 3840 pixels and max, horizontal resolution is 5120 pixels).

\*6 Compatible with MPEG1 Audio Layer3 32 kHz and 44.1 kHz and 48 kHz formats. MP3 file name requires MP3 or mp3 as an extension. Up to 99 folders and 999 tracks (MP3 and WMA) in total can be played, (DVR-660H-S/

### Rear Panels



DVR-660H-S / DVR-560H-S





### **DVR-340H-S** <u>er</u> SG DIVX WMA/MP3 PhotoViewer DIGITAL TEREO CREATOR

### 80 GB Hard Disk Drive + DVD Recorder

### **Video Recording Features**

- Maximum 227 hours of recording (MN1) on 80 GB HDD
- **DVD** multi format compatible
- Advanced Variable Bit Rate Recording for optimum picture quality
- High-speed copy (HDD to DVD, DVD to HDD)
- Video Playback Features
- 108 MHz/10-bit D/A converter (Progressive Mode only)
- Dual PureCinema Progressive Scan (PAL/NTSC) ► Official DivX Certified product<sup>†</sup> Dual System NTSC on PAL TV
- **Audio Features**
- ▶ 192 kHz/24-bit audio D/A converter
- ► WMA/MP3 playback
- Digital Jukebox





compatible with loss-less-encoding or variable-bit-rate (VBR) WMA files. WMA files encoded with DRM (Digital Rights Management) copy protection\* will not be played back. \* DRM copy protection : DRM (Digital Rights Management) copy protection is a technology designed to prevent unauthorized copying by restricting playback, etc. of material on devices other than the PC (or other WMA recording equipment) used to record it. For detailed information, please see the instruction manuals or help files of your PC (or other WMA recording equipment) and/or software. Up to 99 folders and 999 tracks (MP3 and WMA) in total can be played. (DVR-660H-S/DVR-560H-S only: If there are more files/folders than this on the disc, then more can be reloaded)

\*8 Can be connected to video DV decks and DV camcorders (some models are not compatible). CANNOT be connected to DVD players and A/V receivers.



HDD/DVD RECORDERS

## Pure Audio Components — Re-Awaken Your Sound Instincts

The pure audio components are based on "quick response" and "open sound" — the essential elements required in professional recording studios. AIR Studios — home of some of the sharpest ears in the world — contributed to the final tuning. The overall design is based on rigorous simplicity. for sound that is truer to the original source than ever.



### Integrated Amplifier

• AIR Studios sound tuning • Continuous power output: 70 W + 70 W (20 Hz-20kHz, 4 ohms, 0.2 % THD), 55 W + 55 W (20 Hz-20 kHz, 8 ohms, 0.2 % THD) • Twin large toroidal transformers • USB input for PC (Type B) • Direct mode • Input sensitivity/impedance - Line level: 200 mV/47 kohms, Phono (MM): 2.8 mV/47 kohms, Phono (MC): 0.3 mV/100 ohms • Frequency response - Line: 5 Hz - 100 kHz (+0 dB - 3 dB), Phono (MM): 20 Hz - 20 kHz (±0.2 dB), 22 W • Dimensions (W x H x D): 420 x 113 x 340 mm • Weight: 10 kg Phono (MC): 20 Hz - 20 kHz (±0.3 dB) · S/N ratio (Direct mode) - Line: 103 dB, Phono (MM): 80 dB (at 2.8 mV), Phono (MC): 70 dB (at 0.3 mV) • Tone control - Bass: 100 Hz ±10 dB. Treble: 10 kHz ±10 dB • Audio input: 6 (CD/PHONO/TAPE/AUX/TUNER/USB for PC) • Audio out: 2 (TAPE/PREOUT) • Power requirement: AC 220-240 V. 50 Hz • Power consumption: 200 W • Dimensions (W x H x D): 420 x 113 x 369 mm • Weight: 10.8 kg





Quick-Response Power Supply Circuit Isolated Power Supply Block Internal Construction (A9)

## A6 A-A6-S

### Integrated Amplifier

• AIR Studios sound tuning • Continuous power output: 60 W + 60 W (20 Hz-20 kHz, 4 ohms, 0.2 % THD), 45 W + 45 W (20 Hz-20 kHz, 8 ohms, 0.2 % THD) • Twin transformers • Direct mode • Input sensitivity/impedance - Line level: 200 mV/47 kohms, Phono (MM): 2.8 mV/47 kohms · Frequency response - Line: 5 Hz - 100 kHz (+0 dB - 3 dB), Phono (MM): 20 Hz - 20 kHz (±0.2 dB) • S/N ratio (Direct mode) - Line: 103 dB, Phono (MM): 80 dB (at 2.8 mV) • Tone control - Bass: 100 Hz ±10 dB, Treble: 10 kHz ±10 dB • Audio input: 5 (CD/PHONO/TAPE/AUX/TUNER) • Audio out: 1 (TAPE) • Power requirement: AC 220-240 V. 50 Hz • Power consumption: 170 W • Dimensions (W x H x D): 420 x 100 x 359 mm • Weight: 10.0 kg



\* AIR Studios and the AIR Studios logo are registered trademarks of AIR Studios, Inc.

Integrated Amplifiers	AIR Studios Sound Tuning	Power	Transformer	USB input for PC (Type B)	Direct Mode	
A-A9-S	•	70 W + 70 W	Toroidal	•	•	
A-A6-S	•	60 W + 60 W	Standard	-	•	



### Super Audio CD Plaver

• AIR Studios sound tuning • 192 kHz/24-bit Twin Wolfson DAC • Legato Link PRO and Hi-Bit Technology • Pure Audio Listening mode • Frequency response - SACD; 4 Hz - 50 kHz (-3 dB), CD; 4 Hz - 20 kHz (-1 dB) • S/N ratio - SACD: 110 dB, CD (Music CD): 115 dB • Dynamic Range: SACD: 110 dB, CD: 100 dB • Power requirement: AC 220-240 V, 50/60 Hz • Power consumption:



### **Super Audio CD Player**

• AIR Studios sound tuning • 192 kHz/24-bit Twin Burr-Brown DAC • Legato Link PRO and Hi-Bit Technology • Pure Audio Listening mode • Frequency response - SACD: 4 Hz - 50 kHz (-3 dB), CD: 4 Hz - 20 kHz (-1 dB) · S/N ratio - SACD: 110 dB, CD (Music CD): 113 dB • Dynamic Range: SACD: 108 dB, CD: 99 dB • Power requirement: AC 110 V/220-240 V, 50/60 Hz • Power consumption: 22 W • Dimensions (W x H x D): 420 x 100 x 340 mm • Weight: 4.5 kg



## **F-F3-S**

### **FM/AM Tuner**

 Schottky barrier diode · Auto preset memory (up to 100 stations) · MPX noise cancel button • Tuning frequency range: 87.5 MHz - 108 MHz • Usable sensitivity (Mono): 11.3 dBf, IHF (1.0µ V/75 ohms) · S/N ratio (at 85 dBf): 76 dB (mono)/75 dB (stereo) • Total Harmonic Distortion (stereo): 0.3 % (1 kHz) • Frequency response: 30 Hz - 15 kHz ±1.0 dB • Power requirement: AC 110 V/220-240 V, 50/60 Hz · Power consumption: 8.0 W · Dimensions (W x H x D): 420 x 78 x 344 mm • Weight: 4.3 kg



SACD Players	AIR Studios Sound Tuning	Twin DAC	Hi-Bit Technology	Legato Link PRO	Pure Audio Listening Mode
PD-D9-S	•	Wolfson	•	•	•
PD-D6-S	•	Burr-Brown	•	•	•

## Hi-Fi Components — for Your Audio Bliss

Hi-Fi components from the leader in quality audio — Pioneer. Our product line is extensive, the variety is diverse, and the combination possibilities are immense. Whatever your musical taste or technical sophistication, you'll find Pioneer components that meet your needs.

PD-217	
CD Player	

### Full-function remote control • Numeric keypad on unit • 1-bit DLC (Direct Linear Conversion) D/A Converter • Digital level control (on remote) Design for low noise: Display off switch · Compu-PGM Edit and Auto programme editing • Hi-Lite Scan • Memory hold • Talk-back input Headphone output with volume control





• 1-bit DLC (Direct Linear Conversion) D/A Converter • Design for low noise: Display off switch . Compu-PGM Edit and Auto programme editing Hi-Lite Scan · Memory hold · Talk-back input · Pioneer SR (System **Remote**) terminal

\* The PD-117 does not come with a remote control, but it can be controlled with a Pioneer remote using the SR (System Remote) terminal on the rear



## **CT-W208R**

### **Cassette Deck**

 $\boldsymbol{\cdot}$  2 auto-reverse cassette transports: one plays, and the other plays and records in both directions • Dolby B/C Noise Reduction with built-in MPX filter · Normal/high-speed tape dubbing · Relay play · Music/Skip Search Auto space rec mute 
 Auto tape selector

SR



## **CT-W106**

### **Cassette Deck**

 Normal/high-speed tape dubbing · Dolby B Noise Reduction with builtin MPX filter · Auto record level controller · Anti-resonance and antivibration design: Large insulators • Two cassette transports • Relay play LED level indicator
 Auto tape selector (Type I/Type II)

SR



## A-209

### **Integrated Amplifier**

 Continuous power output: 60 W + 60 W (DIN, 4 ohms) · Wide-Range Linear Circuit • Advanced Direct Energy MOS FET Power Amp • 6 inputs: PHONO, CD, TUNER, LINE, TAPE 1/CD-R/MD, TAPE 2/MONITOR . Low power consumption design · Local circuits off · Complementary capacitor pair • "DIRECT" switch • Bass/treble tone controls • Loudness switch 2-way tape dubbing • Headphone output • Connections for 2 pairs of speaker systems



## **F-208**



### **Quartz-PLL Synthesizer Tuner**

 Random presets for 30 FM/AM stations 
 · 4-letter station name memory: You can conveniently give 4-character names to your favourite preset stations - "ROCK" and "HITS", for example, • Memory scan: all 30 preset stations are automatically sampled in sequence for you to select a station to listen to.



## **GR-333**

SR

7-Band Graphic Equalizer

• 7-band equalisation: permits boost and cut up to 10 dB • LEDs in slider tips: depict the "shape" of response, channel by channel • Equalizer on/off switch



## **SE-M280**

### Stereo Headphone

- Type: closed
- Frequency response: 5 Hz-25 kHz · Soft oval ear pads and baffle board structure for comfortable fit
- Self adjusting headband
- Large diameter (40 mm) driver units Gold-plated 2-way mini-plug
- · Weight: 225 g (without cord)



Microphone

- Type: dynamic · Micro mic unit featuring high sound quality
- Talk switch for remote on/off
- 2-way adaptor plug
- \* Available in certain Asian countries only



## Speaker Systems — the Keys to Satisfying Home Entertainment

After 70 years since the first hi-fi speaker was made by our founder, Pioneer continues to take advantage of the expertise accumulated over the years. Our comprehensive products come in stylish forms to match your room décor, with dynamic sound for the ultimate home theatre experience.

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**S-EU8 Series** 

## S-EU8TB

A sleek 4-way tall-boy front speaker system featuring European design and superior sound ensured by advanced materials and constructions

- Magnetically-shielded 4-way tall-boy speakers
- Kevlar<sup>®</sup> brand fiber cone woofers
- ABD (Acoustic Balanced Driver) Technology for higher clarity with minimum standing waves inside
- the enclosure
- Maximum power: 130 W
- Dimensions (W x H x D): 250 x 1190 x 300 mm
- Weight: 25 kg
- Impedance: 6 ohms

## S-EU8C

A stylish 3-way centre speaker featuring European design and advanced materials and constructions

- Magnetically-shielded 3-way
- centre speaker
- Kevlar<sup>®</sup> brand fiber cone woofers
- Maximum power: 130 W
- Dimensions (W x H x D): 560 x 190 x 300 mm
- Weight: 15.6 kg
- Impedance : 6 ohms

## S-EU8BS-LR

A sleek 2-way speaker system featuring sophisticated European design and highly-rigid wooden enclosures

Magnetically-shielded 2-way speakers

- Kevlar<sup>®</sup> brand fiber cone woofers
- Maximum power: 130 W
- Dimensions (W x H x D): 190 x 350 x 300 mm
- Weight: 7.3 kg
- Impedance: 6 ohms

## **CP-EU8**

**Speaker Stands** 

 Designed especially for the S-EU8BS-LR speaker system



## S-EU2TB-LR

Stylish 3-way tall-boy front speaker system featuring European design

- Magnetically-shielded 3-way
- tall-boy speakers
- 14 cm cone woofer
- 7 cm cone midrange
- 2.5 cm dome tweeter
- Maximum power: 80 W
- Dimensions (W x H x D):
- 183 x 909 x 233 mm • Weight: 8.1 kg

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S-EU5TB

**S-EU5 Series** 

A stylish 2-way tall-boy front speaker system featuring natural ambience, European design, and sleek wooden enclosures

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- Magnetically-shielded 2-way tall-boy speakers
- Twin woofers placed vertically on the same axis for superior sound localisation
- · LDMC (Linear Drive Magnetic Circuit) technology for
- superior linearity
- Maximum power: 130 W
- Dimensions (W x H x D): 195 x 1032 x 289 mm
- Weight: 13.4 kg
- Impedance: 8 ohms

## S-EU5CR

2-way centre/rear speaker system featuring sophisticated European design

- Magnetically-shielded 2-way centre
- and rear speakers
- Maximum power: 130 W
- Dimensions (W x H x D): 381 x 130 x
- 153 mm (centre)/130 x 203 x 153 mm (rear) • Weight: 3.4 kg (centre)/1.9 kg (rear)
- Impedance: 8 ohms

## S-EU5BS-LR

2-way bookshelf speaker system featuring sophisticated European design

- Magnetically-shielded 2-way speakers
- · Lightweight, high-rigidity glass-fiber cone
- Maximum power: 130 W
- Dimensions (W x H x D): 130 x 203 x 153 mm • Weight: 1.9 kg

Impedance: 8 ohms







 Designed especially for the S-EU5BS-LR speaker system

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## S-EU2CR

Compact, full-range centre/rear speakers featuring sophisticated European design

### • Full-range centre and rear speakers

- 8.3 cm cone speaker
- Magnetically shielded (centre)
- Maximum power: 80W
- · Dimensions (W x H x D):
- 220 x 110 x 82 mm (centre)/
- 110 x 110 x 82 mm (rear)
- Weight: 1.0 kg (centre)/0.56 kg (rear)
- Impedance: 8 ohms



## **S-MS700**

High power surround package including 3-way tall-boy speakers and full-range centre/rear & rear centre speakers

• Weight: 12.7 kg (front), 2.5 kg (centre), 1.3 kg (rear & rear centre)

- · 3-way bass-reflex floor-standing front speakers with:
- 20 cm cone woofer
- 8 cm cone midrange
- 4 cm cone tweeter
- · Full-range 10 cm cone centre and rear speakers
- Magnetically-shielded
- Maximum power:

Impedance: 8 ohms

150 W (front), 120 W (centre/rear & rear centre)

**European Design Powered Subwoofers** 

European design and even deeper bass

Down-firing powered subwoofer featuring elegant

Down-firing powered subwoofer featuring elegant

· Special signal-processing method for faithful reproduction of sound

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S-EW2

deeper bass

Weight: 11.5 kg

S-EW5

Maximum power: 85 W

• Dimensions (W x H x D):

Maximum power: 100 W

· Front controls for enhanced

• Dimensions (W x H x D):

without phase lag

ease of use

Auto power on/off

350 x 410 x 397 mm

• Weight: 17.9 kg

300 x 375 x 380 mm

16 cm woofer for reproducing even

Magnetically-shielded speaker system

European design and superior sound

• 20 cm woofer for reproducing deep bass

· Cone-shaped diffuser for delivering high

quality sound in all horizontal directions

Magnetically-shielded speaker system

180 x 130 x 140 mm (rear & rear centre)

• Dimensions (W x H x D): 240 x 1000 x 250 mm (front) 350 x 130 x 140 mm (centre)

\* Available in certain Asian countries only

## **S-MS500 MKII**

High-power surround package including 3-way bass-reflex floor-standing front speakers and full-range centre/rear speakers

· 3-way bass-reflex floor-standing front speakers with: - 20 cm cone woofer - 8 cm cone midrange - 4 cm cone tweeter · Full-range 10 cm cone centre and rear speakers Magnetically-shielded Maximum power 150 W (front), 120 W (centre/rear)



Sneaker Terminal Front Speakers

 Dimensions (W x H x D): 240 x 900 x 250 mm (front) 350 x 130 x 140 mm (centre) 180 x 130 x 140 mm (rear)

• Weight: 10.7 kg (front), 2.5 kg (centre), 1.3 kg (rear) Impedance: 8 ohms

\* Available in certain Asian countries only

Sneaker Terminals

EURO

EURO

(Front Speakers)



**Pioneer Pure Malt Speakers** 

An environmentally-friendly 2-way speaker system featuring enclosures made of recycled white oak whiskey barrels

## S-A4SPT-VP S-A4SPT-PM



10 cm cone woofer

• 2 cm dome tweeter

Maximum power: 100 W

60 Hz-40 kHz (S-A4SPT-PM)

cable included

• Weight: 3.7 kg

Impedance: 6 ohms



· Magnetically-shielded 2-way speaker system

· Environmentally-friendly enclosures made of

• Frequency range: 50 Hz-40 kHz (S-A4SPT-VP),

• Dimensions (W x H x D): 154 x 246 x 213 mm

recycled white oak whiskey barrels

2.5 m OFC (oxygen-free copper) speaker





10 cm TAD Pulp Cone Woofer (S-A4SPT-VP)



High-Grade Speaker Terr

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