

# Pioneer

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# Pioneer

## HOME A/V PRODUCTS LINEUP 2011-2012



WHERE STYLE MEETS FUN



# LX Series A/V Pre-Main Amplifier & A/V Receivers

Performance without Compromise

## Advanced Multi-Channel Stereophonic Philosophy

LX90 LX83 LX73 LX53



Our top-line A/V receivers contain only high-grade materials that deliver precise performance, all in order to accomplish our objective — truthful expression of the artist's intent. The soundstage is purified to give as close to the original artistic expression, while expertise of professional recording engineers is applied for a thorough sound tuning.

## Collaboration with ICEpower — Direct Energy HD Amplifier

LX90 LX83 LX73



ICEpower and Pioneer have collaborated to develop a unique power module — the Direct Energy HD Amplifier. Pioneer's technologies have been combined with the ICEpower amplifier which features multiple feedbacks to overcome the drawbacks typical of class D amplifiers. The SC line A/V pre-main amplifier and receivers are capable of delivering overwhelming power, free of distortion.

Now, the Direct Energy HD Amplifier has further evolved — fine-tuned to every detail including the LPF. The result is added power capacity which clearly shows in the sound. The units are compatible with the latest high definition audio formats, and the SC-LX90 and SC-LX83 are also THX Ultra2 Plus certified.

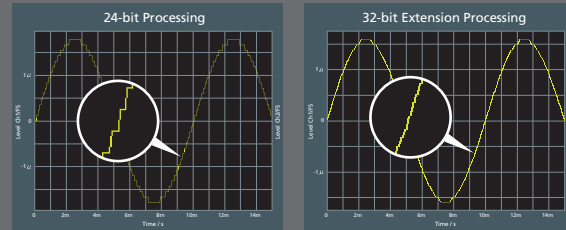
## Hi-bit 32/Hi-sampling LX83

LX83



These two technologies work together to create undistorted sound, bringing out the best in the new 32-bit DAC. The 32-bit DAC hardware alone does not reproduce better sound. Maximum performance is gained by applying the Hi-bit 32 processing to expand signal resolution, creating more detailed, smooth sound, closer to the original analogue signal. Hi-bit 32 also increases the sound pressure for a tactile listening experience, and the more channels you have, the more impressive it becomes. It is effective for multi-channel content on DVD/Blu-ray Disc as well as CD

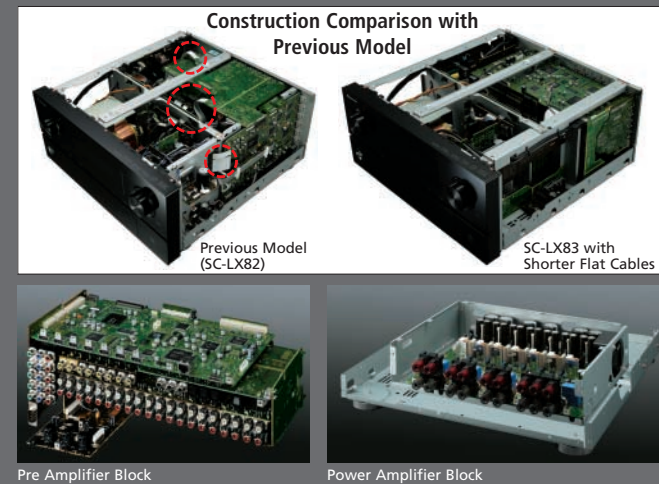
audio, and works with any disc player. Hi-sampling expands the range of the high frequencies, providing richly detailed, natural sound.



## Advanced Construction LX90 LX83 LX73

LX90 LX83 LX73

The SC-LX83, SC-LX73, and VSX-LX53 inherit the separated construction concept of Pioneer's flagship SC-LX90 pre-main amplifier, providing reduced noise and interference for quality sound and video reproduction.



## SC-LX90



## SC-LX83



## SC-LX73



## VSX-LX53



# A/V Pre-Main Amplifier & A/V Receivers

Made to Inspire



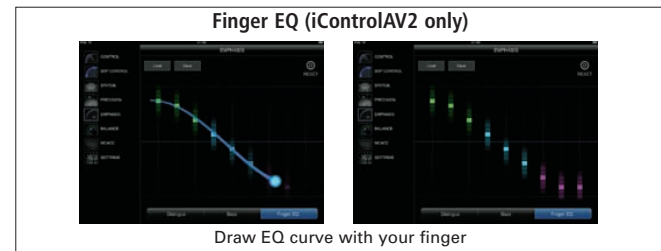
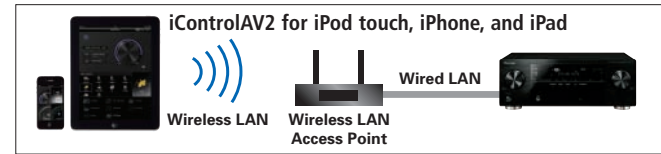
**HDMI™ (3D, ARC)**  
LX83 LX73 LX53 1021 921 821 521 S500 S300

With Pioneer's AV receivers featuring 3D technology, you can enjoy the latest Blu-ray 3D Discs, games, and broadcasts. All you need is a Blu-ray 3D compatible player/game console and 3D compatible display. The Audio Return Channel (ARC) feature allows a TV with built-in tuner to send audio data "upstream" to the A/V receiver via HDMI — so there's no need for a separate audio cable.

**iControlAV App for iPod touch and iPhone**  
LX83 LX73 LX53  
**iControlAV2 App for iPod touch, iPhone, and iPad**  
1021 921

With the freely downloadable application, you can use your iPod touch/iPhone/iPad as a remote for controlling the A/V receiver's various functions.

\* A/V receiver needs to be connected to a wired LAN in a wireless LAN network.



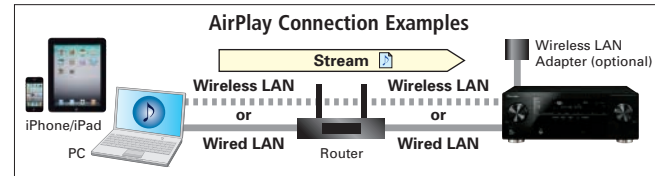
**Internet Radio**  
LX83 LX73 LX53 1021 921 S500

Listen to a multitude of radio programmes from around the world. LAN connection allows internet radio access without having to use your PC. You can easily browse stations using the remote control.

\* With vTuner for SC-LX83, VSX-1021-K, and VSX-921-K, with SHOUTcast for VSX-S500-K, and with 24 preset URLs (can be changed) for SC-LX73 and VSX-LX53.

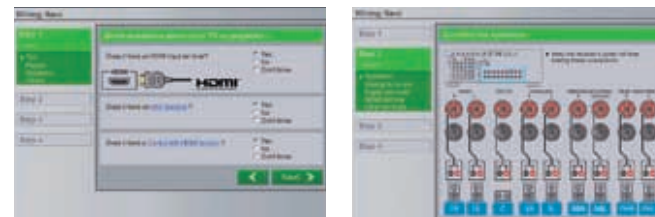
**AirPlay Compatible**  
1021 921

The AV receivers are compatible with AirPlay, letting you stream songs from your iTunes 10.1 library via your home network. For iPod touch (2nd, 3rd and 4th generations)/iPhone 4/iPhone 3GS/iPad with iOS4.2 or later, you can directly stream songs from the device to the A/V receiver. You can also view metadata such as song title, artist name, and even album artwork on a connected display.



**AVNavigator**  
1021 921

Pioneer's AVNavigator is a user-friendly support feature for the A/V receiver's wiring and operation. Using the supplied CD-ROM, you can easily set up the A/V receiver straight out of the box. An interactive HTML manual, Wiring Navi, and MCACC application are included in the AVNavigator. It also helps the user with software updates.



**DLNA Certified™ (1.5)**  
LX83 1021 921 S500

The units are DLNA certified (1.5), interoperable with other certified products in your home network. For example, you can play music content\* from a PC in another room.

\* Playback of DRM protected commercial content requiring DTCP-IP link protection is not supported. VSX-S500-K only works as DMP (no DMR functions).

**VSX-1021-K** (NEW) **MCHS advanced** **DOLBY TRUPLIC PRO LOGIC IIz** **dts-hd Master Audio** **dts Neural Surround** **USB** **AirPlay** **Made for iPod iPhone iPad**

**DIRECT ENERGY AMP 7ch** **Surround 15+1 Modes** **Virtual Speakers** **PQLS Bit-stream** **3D** **iControlAV2 Ready** **Air Jam** **Internet Radio** **HDMI 1080p Upscaling**



**VSX-921-K** (NEW) **MCHS advanced** **DOLBY TRUPLIC PRO LOGIC IIz** **dts-hd Master Audio** **dts Neural Surround** **USB** **AirPlay** **Made for iPod iPhone iPad**

**DIRECT ENERGY AMP 7ch** **Surround 15+1 Modes** **Virtual Speakers** **PQLS Bit-stream** **3D** **iControlAV2 Ready** **Air Jam** **Internet Radio** **HDMI 1080p Upscaling**



**VSX-821-K** (NEW) **MCHS advanced** **DOLBY TRUPLIC PRO LOGIC IIz** **dts-hd Master Audio** **USB** **AirPlay** **Made for iPod iPhone iPad**

**DIRECT ENERGY AMP 5ch** **Surround 9+1 Modes** **3D** **HDMI**



**VSX-521-K** (NEW) **MCHS advanced** **DOLBY TRUPLIC PRO LOGIC IIz** **dts-hd Master Audio** **AirPlay** **Made for iPod iPhone iPad**

**DIRECT ENERGY AMP 5ch** **Surround 9+1 Modes** **3D** **HDMI**



Slim A/V Receivers with Class D 6ch Amplifier

**VSX-S500-K** (NEW) **Made for iPod iPhone** **VSX-S300-K** (NEW) **Made for iPod iPhone**

**MCHS advanced** **DOLBY TRUPLIC PRO LOGIC IIz** **dts-hd Master Audio** **USB** **DLNA CERTIFIED** **AirPlay** **Made for iPod iPhone iPad**

**Surround 9+1 Modes** **3D** **Internet Radio** **Eco mode Mode Eco** **HDMI 1080p Upscaling** **Surround 9+1 Modes** **3D** **Eco mode Mode Eco** **HDMI 1080p Upscaling**



# Feature Highlights of Pioneer's A/V Pre-Main Amplifier & Receivers

## Advanced MCACC

**LX90 LX83 LX73 LX53 1021 921**

## MCACC (Multi-Channel Acoustic Calibration System)

**821 521 S500 S300**



Build your home theatre with the expertise of professional recording studios. Pioneer's MCACC — complete with custom microphone — automatically compensates for differences in speaker size, level and distance, and equalises response.

## Phase Control

**LX73 LX53 821 521 S500 S300**



Phase Control is an innovative solution for the phase lag in a multi-channel speaker setting. It compensates the delayed bass to improve sound synchronisation.

## Full Band Phase Control LX90 LX83

Full Band Phase Control focuses on the group delay, and compensates with special digital signal processing (DSP), giving the sound coherence of full-range speakers, while retaining the wide frequency range advantage.

## Phase Control Plus 1021 921

Phase Control Plus allows 0-16 msec manual adjustments (default 6 msec) to the main channel signals to synchronise with low-frequency signals, providing a more powerful bass and well-balanced multichannel sound in superior quality.

## Advanced Video Adjust

**1021 921**

Advanced Video Adjust optimises video signals according to the connected display type, such as plasma display panel, LCD, or projector. Additionally, it automatically adjusts the picture image for the distance of your viewing position, based on MCACC measurement data.



## PQLS with HDMI

**LX83 LX73 LX53 1021 921**



Pioneer's Precision Quartz Lock System (PQLS) processes D/A conversion using the high-precision crystal oscillator clock, and is free from jitter created during HDMI transmission.

Three types of PQLS are available depending on the A/V receiver and the connected Blu-ray Disc player.

- PQLS 2ch Audio: For CD playback (LPCM).
  - PQLS Multi-Surround: For CD/DVD/BD sources, when the Blu-ray Disc player output is set to LPCM.
  - PQLS Bit-stream: For CD/DVD/BD sources, all the time.
- For PQLS to be effective, Control with HDMI needs to be on, and — only for PQLS Multi-Surround — HDMI audio output needs to be set to PCM.

## PQLS Backward Compatibility

Blu-ray Disc Players	A/V Receivers	
	SC-LX73 VSX-LX53 VSX-921	SC-LX83 VSX-1021
BDP-LX71	2ch	2ch
BDP-LX91	2ch	2ch
BDP-320	2ch	2ch
BDP-LX52	Multi	Multi
BDP-LX53/BDP-330 BDP-LX54/BDP-430	Multi	Bit-stream

## Multi-channel Advanced Sound Retriever

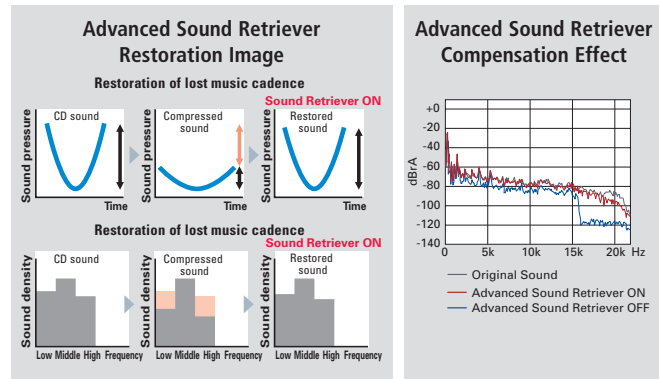
**LX83 LX73 LX53 1021 921**

## Advanced Sound Retriever

**LX90 821 521 S500 S300**



The Advanced Sound Retriever restores the output of compressed audio such as WMA, MPEG4-AAC, and MP3, to the level of CD sound. The multi-channel version is compatible with DVD sound tracks featuring Dolby Digital and DTS.



## Auto Sound Retriever

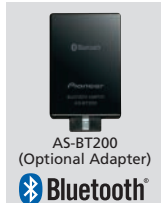
**1021 921**

Auto Sound Retriever automatically compensates audio data according to the bit rate. It is especially effective for improving the sound quality of signals below 128 kbps such as internet radio content.

## Bluetooth® Ready

**LX83 LX73 LX53 1021 921 821 521 S500 S300**

By using the AS-BT200, you can enjoy wireless transmission of audio content from compatible devices such as iPod touch, iPhone, iPad, mobile phone, or personal computer.



## Air Jam App for iPod touch/iPhone/iPad

**1021 921**



Air Jam is an iPod touch/iPhone/iPad application, freely downloadable from the App Store. By using the AS-BT200, you can stream music from up to four devices\*. Air Jam also transmits metadata such as song title and artists, letting you easily purchase songs from the iTunes Store by referring to playback history.

\* Number of connectable devices depends on condition.

## Sound Retriever AIR

**LX83 LX73 LX53 1021 921 821 521**

**S500 S300**



Pioneer's Sound Retriever AIR is the world's first technology for improving Bluetooth transmitted sound. It restores the music cadence lost through compression, and also reduces the noise generated by Bluetooth transmission.

## Various Speaker Settings

**LX83 LX73 LX53 1021 921**



Combine front wide speakers with Wide Surround mode (Movie/Music) to enjoy more spacious sound in the front. Or place front height speakers with Dolby Pro Logic IIz for vertical-spreading sound. Pioneer's Virtual Height/Surround Back modes create height/surround back sound image, and the two modes can be combined to enjoy virtual 9.1-channel sound from 5.1-channel speaker settings, or virtual 11.1-channel sound from 7.1-channel speaker layout.



## FEATURE COMPARISON & SPECIFICATIONS: A/V PRE-MAIN AMPLIFIER & RECEIVERS

	SC-LX90	SC-LX83	SC-LX73	VSX-LX53	VSX-1021-K	VSX-921-K	VSX-821-K	VSX-521-K	VSX-S500-K/VSX-S300-K
<b>Power Output</b>									
Rated Power Output Stereo (20 Hz - 20 kHz, 8 ohms)	200 W + 200 W (THD 0.05 %)	140 W + 140 W (THD 0.09 %)	140 W + 140 W (THD 0.09 %)	110 W + 110 W (THD 0.09 %)	75 W + 75 W (THD 0.2 %)	75 W + 75 W (THD 0.2 %)	65 W + 65 W (THD 0.2 %)	65 W + 65 W (THD 0.2 %)	65 W/ch (THD 0.5 %)
Rated Power Output Multi-ch (1 kHz, 1 % THD)									
Front (6 ohms)	270 W + 270 W <sup>*1</sup>	190 W + 190 W	180 W + 180 W	150 W + 150 W	135 W/ch	135 W/ch	125 W/ch	125 W/ch	100 W/ch (4 ohms)
Centre (6 ohms)	270 W <sup>*1</sup>	190 W	180 W	150 W	135 W	135 W	125 W	125 W	100 W (4 ohms)
Surround (6 ohms)	270 W + 270 W <sup>*1</sup>	190 W + 190 W	180 W + 180 W	150 W + 150 W	135 W/ch	135 W/ch	125 W/ch	125 W/ch	100 W/ch (4 ohms)
Surround Back (6 ohms)	270 W + 270 W <sup>*1</sup>	190 W + 190 W	180 W + 180 W	150 W + 150 W	135 W/ch	135 W/ch			
Simultaneous (8 ohms)	1400 W <sup>*1</sup>	770 W	700 W						
Maximum Power (RMS, 1 kHz, 10 % THD 6 ohms)	450 W x 10ch (4 ohms)	270 W x 7ch	270 W x 7ch	200 W x 7ch	160 W x 7ch	160 W x 7ch	150 W x 5ch	150 W x 5ch	120 W x 5ch (4 ohms)
<b>Amplifier Design</b>									
Channels	10	7	7	7	7	7	5	5	6 (incl. Subwoofer)
Amplification Type	Direct Energy HD	Direct Energy HD	Direct Energy HD	Advanced Direct Energy	Direct Energy	Direct Energy	Direct Energy	Direct Energy	Class D
<b>Sound Field Calibration</b>									
Phase Control	• (Full Band)	• (Full Band)	•	•	• (Plus)	• (Plus)	•	•	•
Auto MCACC	Advanced (9 Band EQ)	Advanced (9 Band EQ)	Advanced (9 Band EQ)	Advanced (9 Band EQ)	Advanced (9 Band EQ)	Advanced (9 Band EQ)	•	•	•
Standing Wave Control	•	•	•	•	•	•	•	•	•
Precision Distance	•	•	•	•	•	•	•	•	•
<b>DSP Design</b>									
Digital Core Engine	SHARC x 2 + Freescale DSP	Freescale + TI Aureus™	Freescale	Freescale	TI Aureus™	TI Aureus™	TI Aureus™	TI Aureus™	TI Aureus™
DAC / ADC	192 kHz/24-bit	192 kHz/32-bit / 192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit	192 kHz/24-bit
<b>License/Format Features</b>									
AIR STUDIOS	Monitor Reference	Monitor	Monitor						
THX	THX Ultra2 Plus	THX Ultra2 Plus	THX Select2 Plus	THX Select2 Plus					
Dolby Digital/Dolby Pro Logic II	•	•	•	•	•	•	•	•	•
Dolby TrueHD/Dolby Digital Plus	•	•	•	•	•	•	•	•	•
Dolby Digital EX/Dolby Pro Logic IIx/IIz	• (except for IIz)	•	•	•	•	•	•	•	•
DTS/DTS 96/24	•	•	•	•	•	•	•	•	•
DTS-HD Master Audio	•	•	•	•	•	•	•	•	•
DTS-HD High Resolution Audio	•	•	•	•	•	•	•	•	•
DTS-Express/DTS-ES/DTS Neo:6	•	•	•	•	•	•	•	•	•
Neural-THX Surround/DTS Neural Surround	•	•	•	•	•	•	•	•	•
<b>Listening Modes</b>									
Advanced Surround Modes	15 + 1 Modes <sup>*2</sup>	15 + 1 Modes <sup>*2</sup>	15 + 1 Modes <sup>*2</sup>	15 + 1 Modes <sup>*2</sup>	15 + 1 Modes <sup>*2</sup>	15 + 1 Modes <sup>*2</sup>	9 + 1 Modes <sup>*3</sup>	9 + 1 Modes <sup>*3</sup>	9 + 1 Modes <sup>*3</sup>
Wide Surround	•	•	•	•	•	•	•	•	•
<b>Audio Features</b>									
Hi-bit 32/Hi-sampling	•	•	•	•	•	•	•	•	•
Virtual Height/Virtual Surround Back	- / •	• / •	• / •	• / •	• / •	• / •	• / •	• / •	• / •
Sound Wing Mode									•
PQLS (iLINK)	•	•	•	•	•	•	•	•	•
PQLS with HDMI	•	• (Bit-stream, Multi, 2ch)	• (Multi, 2ch)	• (Multi, 2ch)	• (Bit-stream, Multi, 2ch)	• (Multi, 2ch)	•	•	•
Jitter Reduction	• (HDMI)	• (Plus)	• (Plus)	• (Plus)	• (Plus)	• (Plus)	•	•	•
Advanced Sound Retriever	• (2 ch)	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (2ch)	• (2ch)	• (2ch)
Auto Sound Retriever	•	•	•	•	•	•	•	•	•
Sound Retriever AIR	•	•	•	•	•	•	•	•	•
Auto Level Control	•	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (2ch)	• (2ch)	• (2ch)
Digital Noise Reduction	•	•	•	•	•	•	•	•	•
Sound Delay (Lip-Sync)	• (6 frame)	• (10 frame)	• (10 frame)	• (10 frame)	• (10 frame)	• (10 frame)	• (9 frame)	• (9 frame)	• (9 frame)
DSD to PCM Converter	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (Multi)	• (2ch)	• (2ch)	• (2ch)
FLAC File Compatible	•	•	•	•	•	•	•	•	•
<b>Video Features</b>									
Triple HD Video Noise Reduction	•	•	•	•	•	•	•	•	•
Advanced Video Adjust	•	•	•	•	•	•	•	•	•
<b>HDMI</b>									
3D/ARC	•	•	•	•	•	•	•	•	•
Deep Colour (36 bit)	•	•	•	•	•	•	•	•	•
x.v.Colour	•	•	•	•	•	•	•	•	•
Video Converter Up to HDMI	•	•	•	•	•	•	•	•	• (VSX-S500-K only)
Upscaling	• (1080p)	• (1080/24p)	• (1080/24p)	• (1080/24p)	• (1080p)	• (1080p)	• (1080p)	• (1080p)	• (1080p, VSX-S500-K only)
Control with HDMI	•	•	•	•	•	•	•	•	•
<b>Convenience</b>									
iControlAV Ready	•	•	•	•	•	•	•	•	•
iControlAV2 Ready	•	•	•	•	•	•	•	•	•
iPod digital transmission <sup>**</sup>	•	•	•	•	•	•	•	•	• (VSX-S500-K only)
AirPlay	•	•	•	•	•	•	•	•	•
Air Jam	•	•	•	•	•	•	•	•	•
DLNA Certified™	•	• (1.5)	•	•	• (1.5)	• (1.5)	•	•	• (VSX-S500-K only)
Internet Radio	•	• (vTuner)	•	•	• (vTuner)	• (vTuner)	•	•	• (VSX-S500-K only)
AVNavigator	•	•	•	•	•	•	•	•	•
GUI	•	•	•	•	•	•	• (OSD)	• (OSD)	• (OSD)
Remote Control	LCD Learning	RF OLED Learning	Learning	Learning	Learning	Learning	Preset	SR	SR
Multi-Zone	3	3	3	3	2	2			
FM/AM Tuner with Preset	•	• (63)	• (63)	• (63)	• (63)	• (63)	• (30)	• (30)	• (30)
Eco Mode	•	•	•	•	•	•	•	•	•
<b>Terminals</b>									
HDMI Input/Output	6/2	6/2	6/2	6/2	6/1	4/1	4/1	4/1	4/1
USB Input (iPod/Memory Audio)	1 (Memory Audio only)	1	1	1	1	1	1	1	1 (VSX-S500-K only)
Bluetooth Adapter Port	•	1	1	1	1	1	1	1	1
iLINK Input/iPod Input	2/1								
LAN/Phono Input	1/1(MM)	1/1(MM)	1/1(MM)	1/0	1/0	1/0			1/0
Digital Coaxial Input/Output	4/1	3/0	2/0	2/0	2/0	1/0	1/0	1/0	1/0
Digital Optical Input/Output	7/2	3/1	3/1	3/1	2/0	2/0	2/0	2/0	2/0
Analogue Multi-ch Input	7.1 ch	7.1 ch	7.1 ch						
Preamp Output	10.2 ch	7.1 ch	7.1 ch	7.1 ch	0.1 ch	0.1 ch	2.1 ch	2.1 ch	2.1 ch
Audio Input/Rec. Output	5/1	3/1	2/1	2/1	2/1	2/1	3/1	3/1	3/1
AV (Composite) Input/Rec. Output	8/2	4/1	4/1	4/1	4/1	5/1	5/1	4/1	1/0
S-Video Input/Rec. Output	4/2								
Component Video Input	5	3	3	2	2	2	2	2	
Monitor Video Output (to TV):	1/1/1	1/0/1	1/0/1	1/0/1	1/0/1	1/0/1	1/0/1	1/0/1	0/0/1
Component/S-Video/Composite									
<b>Miscellaneous</b>									
Dimensions (W x H x D) (mm)	440 x 247 x 479	420 x 200 x 460	420 x 200 x 460	420 x 173 x 433	435 x 168 x 362.5	435 x 168 x 362.5	435 x 168 x 362.5	435 x 168 x 362.5	435 x 85 x 317
Weight (kg)	35.5	18.5	18.5	13.4	10.0	9.9	9.2	9.0	4.3/4.2
Power Requirements (50/60 Hz)	AC 220-240 V	AC 220-230/240 V	AC 220-230/240 V	AC 110-120/12					

# Blu-ray Disc Players

## Satisfying Details

### 3D Playback

LX54 430



The latest 3D technology can now be enjoyed on your home theatre, with the BDP-LX54 and BDP-430 featuring HDMI with 3D. Combine the Blu-ray Disc players with Pioneer's 3D A/V receivers — SC-LX83, SC-LX73, VSX-LX53, VSX-1021, VSX-921, VSX-821, VSX-521, VSX-5500, or VSX-5300 — and a 3D compatible display for the full-depth experience.

### PureCinema Deinterlacer

LX91 LX54 430

Movies are filmed and recorded on Blu-ray Discs or DVDs at 24 frames per second (fps). This must be converted to enjoy movies in near-original quality on your flat screen TV. The PureCinema Deinterlacer can smoothly process the frames without losing the natural feel of the movies.

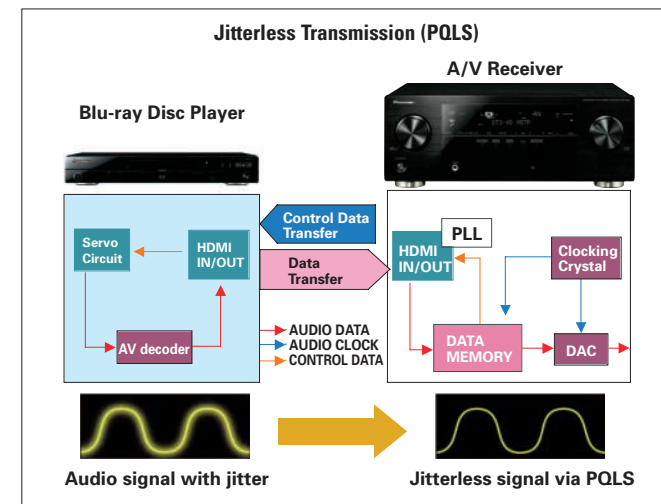
### PQLS Bit-stream

LX54 430



The BDP-LX54 and BDP-430 feature PQLS Bit-stream, the latest version of Pioneer's PQLS jitter reduction technology. By HDMI connection with a compatible A/V receiver, the Blu-ray Disc players can transmit not only CD audio and DVD/Blu-ray Disc multi-channel sound, but also linear PCM and bit-stream signals with minimum quality loss, to reproduce realistic sound.\*

\* Available by connecting with a compatible Pioneer A/V receiver. Refer to page 6 for details.



### DTS-HD Master Audio™ and Dolby TrueHD

LX91 LX54 430

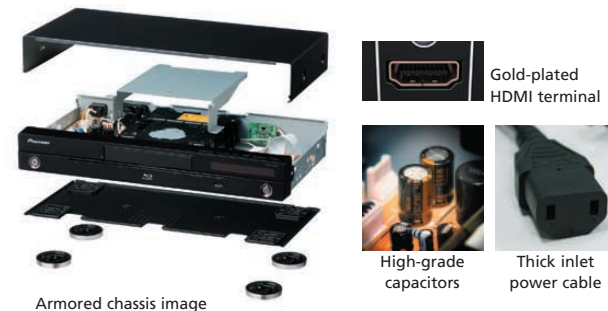
DTS-HD Master Audio™ and Dolby TrueHD are the highest quality audio formats available, provided by the huge capacity Blu-ray Disc to complement its high-definition videos. These new generation audio codecs bring you the equivalent of the original soundtrack, just as intended by the creator.



### Armored Chassis and High-Grade Parts for Quality Sound

LX54

Armored Chassis — a combination of rigid drive stabilizer and newly developed layered chassis for reduced vibration.

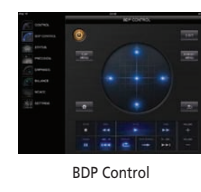


### iControlAV2 App for iPod touch, iPhone, and iPad

LX54 430



iControlAV2 is an iPod touch/iPhone/iPad application developed by Pioneer, freely downloadable from the App Store. The application allows you to use your device as a remote for controlling the Blu-ray Disc player's basic functions. Enjoy smooth control on your device's screen, with support for 8 languages (same setting as your iPod touch/iPhone/iPad).



\* Blu-ray Disc player needs to be connected to a wired LAN in a wireless LAN network. Firmware update required for BDP-LX54 and BDP-430.

### YouTube Video on TV

LX54 430

You can easily view YouTube video on your TV screen by connecting the Blu-ray Disc player to the internet.

\* Available by firmware upgrade via LAN connection for BDP-LX54 and BDP-430 (timing to be decided).

## BDP-LX91



Rear panel details differ by region



## BDP-LX54



Rear panel details differ by region



## BDP-430



Rear panel details differ by region



### FEATURE COMPARISON & SPECIFICATIONS: BLU-RAY DISC PLAYERS

	BDP-LX91	BDP-LX54 <sup>1</sup>	BDP-430 <sup>2</sup>
<b>Technical Features</b>			
Playback Discs	Blu-ray Discs (BD-ROM, BD-R/RE) DVD Video (DVD-R/-R DL/-RW) DVD VR (DVD-R/-R DL/-RW) AVCHD (DVD-R/-R DL/-RW) CD (CD-DA, DTS-CD) PC-Files (CD, DVD [ISO 9660 file system only])	Blu-ray Discs (BD-ROM, BD-R/RE) DVD Video (DVD-R/-R DL/-RW) DVD VR (DVD-R/-R DL/-RW) AVCHD (DVD-R/-R DL/-RW) CD (CD-DA) PC-Files (CD, DVD)	Blu-ray Discs (BD-ROM, BD-R/RE) DVD Video (DVD-R/-R DL/-RW) DVD VR (DVD-R/-R DL/-RW) AVCHD (DVD-R/-R DL/-RW) CD (CD-DA) PC-Files (CD, DVD)
Dual System (PAL/NTSC)	•	•	•
<b>Compressed Video and Music Playback</b>			
DivX <sup>®</sup> HD <sup>3</sup>	•	• (USB/DVD/CD/LAN <sup>4</sup> )	• (USB/DVD/CD/LAN <sup>4</sup> )
DivX <sup>®</sup> HD <sup>2</sup>	• (DVD/CD)	• (USB/DVD/CD/LAN <sup>4</sup> )	• (USB/DVD/CD/LAN <sup>4</sup> )
JPEG PhotoViewer	• (DVD/CD)	• (USB/DVD/CD/LAN <sup>4</sup> )	• (USB/DVD/CD/LAN <sup>4</sup> )
MKV/WMV	•	• (USB/DVD/CD/LAN <sup>4</sup> )	• (USB/DVD/CD/LAN <sup>4</sup> )
MP3/WMA	• (DVD/CD)	• (USB/DVD/CD/LAN <sup>4</sup> )	• (USB/DVD/CD/LAN <sup>4</sup> )
<b>Audio Features</b>			
192 kHz/24-bit D/A Converter	•	•	•
WOLFSON D/A Converter	• (WM8740 x 8)	•	•
DTS-HD High Resolution Audio Decoder	•	•	•
DTS-HD Master Audio Decoder	•	•	•
Dolby Digital Plus Decoder	•	•	•
Dolby TrueHD Decoder	•	•	•
PQLS with HDMI	• (2ch)	• (Bit-stream, Multi, 2ch)	• (Bit-stream, Multi, 2ch)
<b>Video Features</b>			
3D Playback	•	•	•
297 MHz/14-bit D/A Converter (HD)	•	•	•
148.5 MHz/12-bit D/A Converter (HD)	•	•	•
Deep Colour	• (48 bit)	• (36 bit)	• (36 bit)
x.v.Colour	•	•	•
Adaptive Bit Length Expansion Circuit	•	•	•
Triple HD Noise Reduction	•	•	•
1080/24p Output	• (BD/DVD)	• (BD)	• (BD)
1080p Upscaler	•	•	•
Component Frame DNR	•	•	•
PureCinema Deinterlacer	•	•	•
<b>Network Features</b>			
Web & PC Content Playback	•	• <sup>4</sup>	• <sup>4</sup>
YouTube Viewing	•	• <sup>4</sup>	• <sup>4</sup>
BD-Live	•	•	•
<b>Conveniences</b>			
iControlAV2/iControlAV Ready	•	• <sup>4</sup>	• <sup>4</sup>
Control with HDMI	•	•	•
Continue Mode	•	•	•
10-Key Direct Search and Play (Chapter/Track)	•	•	•
Screensaver	•	•	•
Auto Power Off	•	•	•
Skip Search (30 sec./Replay (10 sec.))	•	•	•
BonusView	•	•	•
<b>Terminals</b>			
HDMI Terminal	• (2, Gold Plated)	• (Gold Plated)	• (1 Front/1 Rear)
USB Input	•	• (1 Front/1 Rear)	• (1 Front/1 Rear)
Component Video Output	• (BNC, Gold Plated)	•	•
S-Video Output	• (Gold Plated)	•	•
Composite Video Output	• (Gold Plated)	•	•
7.1ch Audio Out	• (Gold Plated)	•	•
2ch Audio Out	•	•	•
Digital Audio Output	Optical/Coaxial	Optical	Optical
LAN	•	•	•
RS-232C	•	•	•
<b>Construction</b>			
Anti-Vibration	Advanced Double Layered Chassis	Armored Chassis	•
Thick Power Cable	•	•	•
High-Grade Audio Parts	•	•	•
<b>Specifications</b>			
Power Requirements	AC 220-240 V 50/60 Hz	AC 110-240 V 50/60 Hz	AC 110-240 V 50/60 Hz
Power Consumption	59 W	23 W	23 W
Power Consumption during Standby Mode	0.3 W	0.6 W	0.6 W
Dimensions (W x H x D)	420 x 143 x 365 mm	420 x 72.5 x 228 mm	420 x 68 x 228 mm
Weight	14.3 kg	3.3 kg	2.5 kg

<sup>1</sup> DivX Certified<sup>®</sup> to play DivX<sup>®</sup> video up to HD 1080p, including premium content. <sup>2</sup> DivX Certified<sup>®</sup> to play DivX<sup>®</sup> video, including premium content. <sup>3</sup> Firmware upgrade required (timing to be decided). <sup>4</sup> This product uses the LC Font by Sharp Corporation, except some characters. LCFONT, LC Font and the LC logo mark are trademarks of Sharp Corporation.

# DVD Players

## Play at Ease



### Versatile Playability



Pioneer DVD players provide stress-free playback, letting you play almost any disc regardless of format or condition — even if they are warped or scratched. You can play DivX, JPEG, MP3, and WMA files from both disc and USB\*. Other playable formats include WMV (DV-610AV/DV-430V), HD JPEG (DV-610AV/DV-220KV), and MPEG4-AAC (DV-610AV/DV-430V/DV-320). The DV-610AV can also play the high-quality sound of DVD-Audio and SACD.

\* Disc only for DV-2010

### HDMI™ Terminal

610AV 430V 220KV 3022KV 3022V



HDMI connection ensures lossless transmission of high-quality pictures and sound, as signals remain in a pure digital state. The DVD players are also capable of 1080p upscaling.

## DV-610AV-K(-S) Non MY



DV-610AV-K(-S) available in some countries



## DV-320-K(-S) Non MY



Silver finish available in some countries (DV-320-S)



### Playable Formats

	DV-610AV	DV-430V	DV-320	DV-220KV	DV-3022KV/DV-3022V	DV-2022K/DV-2022	DV-2012K	DV-2011/DV-2010
WMV	USB/Disc	USB/Disc						
DivX/JPEG	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	Disc
HD JPEG	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc			
MPEG4-AAC	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	
MP3/WMA	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	USB/Disc	Disc

### CD → USB Recording

610AV 430V 320 220V  
3022KV 3022V 2022K 2022 2012K



The DVD Players allow you to record songs directly from CDs onto USB devices. The data is stored in MP3 format, letting you choose the bit rate from 128/192/320 kbps. You can copy the whole album or a selection of your favourite tracks.

### Disc to USB File Copy

3022KV 3022V 2022K 2022



Easily copy files without using your PC. The DVD players let you copy DivX video files, JPEG photos, or MP3/WMA audio files from a disc on to a USB memory.

### Dust-Proof Design

3022KV 3022V 2022K 2022 2012K 2011 2010

The DVD players feature a newly developed dust-proof construction with a very low cumulative failure rate, proving long-term reliable performance.

## DV-430V NEW



## DV-220KV-K

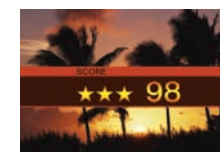


### Karaoke Scoring/Recording

3022KV 2022K



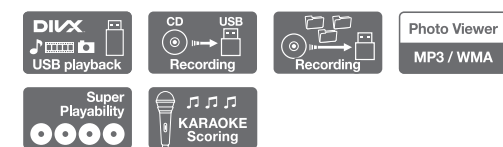
The DV-3022KV and DV-2022K come with the karaoke scoring function which displays an image along with your score. Both models also allow you to record the karaoke vocals on to a USB flash memory.



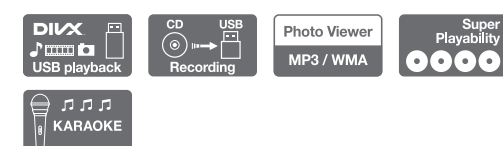
## DV-3022KV NEW



## DV-2022K NEW



## DV-2012K



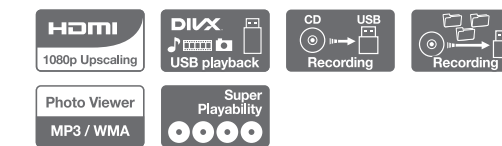
### Advanced Sound Retriever

430V 320 220KV  
3022KV 3022V 2022K 2022 2012K 2011 2010

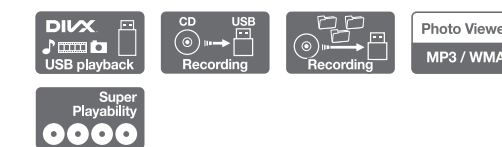


These DVD players feature the Advanced Sound Retriever, which restores the output of compressed audio — such as WMA, MPEG-4 AAC, and MP3 — to the level of CD sound. The Advanced Sound Retriever creates new signals to restore the minor details left out during the compression process, bringing it closer to the original master.

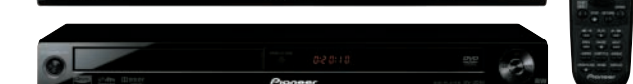
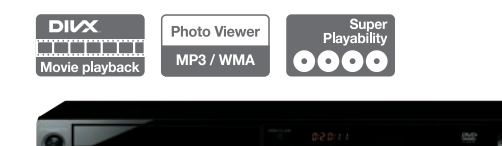
## DV-3022V NEW Non MY



## DV-2022 NEW Non MY



## DV-2011 Non MY / DV-2010 Non MY



DV-2011 available in some countries



### TERMINALS & SPECIFICATIONS: DVD PLAYERS

	DV-610AV-K(-S)	DV-430V	DV-320-K(-S)	DV-220KV-K	DV-3022KV/DV-3022V	DV-2022K/DV-2022	DV-2012K/DV-2011/DV-2010
<b>Terminals</b>							
USB	1*	1*	1*	1*	1**	1**	1* (DV-2012K only)
Mic Jack				1	1 (DV-3022KV only)	1 (DV-2022K only)	1 (DV-2012K only)
HDMI Terminal	1 (to 1080p/60 Hz, DSD)	1 (to 1080p/60 Hz)		1 (to 1080p/60 Hz)	1 (to 1080p/60 Hz)		
Component Video Output	1	1	1	1	1	1	1
S-Video Output	1	1	1	1	1	1	1
Video Output	1	1	1	1	1	1	1
5.1-Channel Audio Output	1						1 (DV-2011 only)
Audio Output	1	1	1	1	1	1	1 (except DV-2011)
Coaxial Digital Output	1	1	1	1	1	1	1
Optical Digital Output	1	1	1	1	1	1	1
<b>Specifications</b>							
Power 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	110-240 V 50/60 Hz	110-240 V 50/60 Hz
Power Consumption	12 W	12 W	11 W	11 W	11 W/11 W	10 W/10 W	11 W/7 W/7 W
Power Consumption during Standby Mode	0.8 W	0.7 W	0.5 W	0.7 W	0.8 W/0.8 W	0.5 W/0.5 W	0.9 W/0.9 W/0.9 W
Dimensions (W x H x D)	420 x 49.5 x 215.5 mm	420 x 49.5 x 215.5 mm	420 x 49.5 x 215.5 mm	360 x 42 x 207/200 mm	360 x 42 x 207/200 mm	360 x 42 x 208/202/202 mm	360 x 42 x 208/202/202 mm
Weight	1.7 kg	1.7 kg	1.7 kg	1.3 kg	1.2 kg/1.2 kg	1.2 kg/1.2 kg	1.3 kg/1.3 kg/1.2 kg

\* CD → USB Recording

\*\* CD → USB Recording and Disc to USB File Copy

† CD → USB Recording not available for Taiwan and Australia models

# Speaker Systems

Heart-Touching Sound



## EX Series Speaker Systems

### S-1EX

Floorstander



### S-2EX

Compact Monitor



### S-7EX

Centre Channel



CP-7EX  
Optional Speaker Stand

### S-W1EX

Powered Subwoofer



• Power Output:  
250 W (RMS)

### S-3EX

Floorstander



### S-4EX

Compact Monitor



CP-4EX  
Optional Speaker Stand

### S-8EX

Centre Channel



CP-7EX  
Optional Speaker Stand

**Making the most of Pioneer traditions, TAD technology and the expertise of our product designers.**

The lineage of Pioneer speakers continues strong after more than 70 years. Our vision of enabling all people to enjoy the thrill of great music is just as alive today as it was seven decades ago. This motivation was refined into the professional TAD (Technical Audio Devices) brand, with TAD monitor speakers being used in top recording studios around the world. Their concept of fusing high-level sound imaging and environment then led to the development of the EX series consumer models. With Coherent Source Transducer (CST) drivers applying precision audio principles and receivers using phase control technology, EX speakers ensure authentic reproduction of the sound source.

**Speakers refined from global technology and aesthetics, based on the sound quality of the EX series.**

The team of engineers from Japan, France and America who had impressed music fans around the world with the flagship EX series once again came together. Putting the technology of the EX series to ample use, they succeeded in creating elegant, high-quality speakers capable of producing dynamic sounds. With striking sound quality from slim cabinets that are perfect for any room, these are speakers that everyone can enjoy.

## Series 8 Speaker Systems

### S-81-K

Floorstander



### S-81B-LR-K

Compact Monitor



CP-81B-K  
Optional Speaker Stand

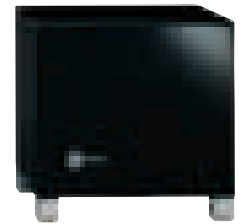
### S-81C-K

Centre Channel



### S-LX70W Non MY

Powered Subwoofer



• Power Output:  
300 W (RMS)

## Series 7 Speaker Systems

### S-71-K

Floorstander



### S-71B-LR-K

Compact Monitor



CP-71B  
Optional Speaker Stand

### S-71C-K

Centre Channel



### S-71W

Powered Subwoofer



• Power Output:  
160 W (RMS)

## Series 3 Speaker Systems

### S-31-LR-K

Floorstander



### S-31B-LR-K

Compact Monitor



CP-31B  
Optional Speaker Stand

### S-31C-K

Centre Channel



### S-51W

Powered Subwoofer



• Power Output: 150 W (RMS)

Series 3 Speaker Systems are available in light brown. (S-31-LR-QL/S-31B-LR-QL/S-31C-QL)

Non MY



Speakers are sold individually.  
\* S-81B-LR-K, S-71B-LR-K, S-31-LR-K/-QL, and S-31B-LR-K/-QL are sold as a pair.  
Speaker stands are sold individually.  
\* CP-2EX, CP-81B-K, CP-71B, and CP-31B are sold as a pair.

# Powerful Music Component Systems

TODOROKI — The Sound of Thunder



## S-RS77TB



TODOROKI Speaker System

- 3-way tall-boy speakers with 16 cm cone x 2, 7.7 cm cone x 1, 2.6 cm dome x 1
- 10 cm cone x 2 centre speaker
- 10 cm cone x 1 surround speakers



## S-RS3SW



Powered Subwoofer

- Power Output: 200 W (RMS)
- 30 cm unit



## S-RS33TB



TODOROKI Speaker System

- 3-way tall-boy speakers with 16 cm cone x 1, 7.7 cm cone x 1, 2.6 cm dome x 1, 16 cm passive radiator x 1
- 10 cm cone x 2 centre speaker
- 10 cm cone x 1 surround speakers



## VSX-RS320-K



Recommended A/V Receiver for TODOROKI



# Surround Speaker Systems

Experience Total Immersion



## S-ESR2-LR



3-Way Tall-Boy Speakers

- 16 cm cone x 1, 7.7 cm cone x 1, 2.6 cm dome x 1



## S-ESR2CR



Centre and Surround Speakers

- 10 cm cone x 2 centre speaker
- 10 cm cone x 1 surround speakers



## S-HS100

5.1-ch Speaker System

- Satellite Speakers
- 7.7 cm cone front/centre/surround speakers

Subwoofer

- 16 cm cone woofer
- Power Output: 100 W (RMS)



## S-21W

Powered Subwoofer

\* S-21W is the subwoofer component in S-HS100

### SPECIFICATIONS: EX SERIES SPEAKERS

	S-1EX	S-2EX	S-3EX	S-4EX	S-7EX	S-8EX
Enclosure	3-Way Front-Vented Bass Reflex Floor-Standing Type	3-Way Front-Vented Bass Reflex Bookshelf Type	3-Way Front-Vented Bass Reflex Floor-Standing Type	3-Way Front-Vented Bass Reflex Bookshelf Type	3-Way Front-Vented Bass Reflex Centre Speaker Type	3-Way Front-Vented Bass Reflex Centre Speaker Type
Woofer	18 cm Aramid/Carbon Composite Shell (x2)	18 cm Aramid/Carbon Composite Shell	16 cm Aramid/Carbon Composite Cone (x2)	16 cm Aramid/Carbon Composite Cone	18 cm Aramid/Carbon Composite Shell (x2)	16 cm Aramid/Carbon Composite Cone (x2)
CST						
Midrange	Concentric Unit: 14 cm Magnesium Cone	Concentric Unit: 14 cm Magnesium Cone	Concentric Unit: 14 cm Magnesium Cone	Concentric Unit: 14 cm Magnesium Cone	Concentric Unit: 14 cm Magnesium Cone	Concentric Unit: 14 cm Magnesium Cone
Tweeter	Concentric Unit: 3.5 cm Beryllium HSDOM	Concentric Unit: 3.5 cm Beryllium HSDOM	Concentric Unit: 3 cm Ceramic Graphite HSDOM	Concentric Unit: 3 cm Ceramic Graphite HSDOM	Concentric Unit: 3.5 cm Beryllium HSDOM	Concentric Unit: 3 cm Ceramic Graphite HSDOM
Frequency Range	28 Hz - 100 kHz	34 Hz - 100 kHz	30 Hz - 100 kHz	34 Hz - 100 kHz	34 Hz - 100 kHz	34 Hz - 100 kHz
Sensitivity (2.83 V/1 m)	89.5 dB SPL	86.5 dB SPL	88.5 dB SPL	85.5 dB SPL	89.5 dB SPL	88.5 dB SPL
Maximum Power	200 W	200 W	160 W	160 W	200 W	160 W
Impedance	6 ohms	6 ohms	6 ohms	6 ohms	6 ohms	6 ohms
Dimensions (W x H x D)	422 x 1283 x 609 mm	291 x 565 x 425 mm	350 x 1224 x 541 mm	263 x 490 x 387 mm	820 x 291 x 425 mm	723 x 263 x 387 mm
Weight	66 kg	28 kg	48 kg	20 kg	39 kg	28 kg

### SPECIFICATIONS: SERIES 8 SPEAKERS

	S-81-K	S-81B-LR-K	S-81C-K
Enclosure	4-Way Front-Vented Bass Reflex Floor-Standing Type	2-Way Front-Vented Bass Reflex Bookshelf Type	3-Way Rear-Vented Bass Reflex Centre Speaker Type
Speakers	Bass: 13 cm Aramid/Carbon Composite Cone (x2) Midrange: 13 cm Concentric Aramid Cone Tweeter: 2.5 cm Concentric Titanium HSDOM Super Tweeter: Riffle-Type	13 cm Concentric Aramid/Carbon Composite Cone 2.5 cm Concentric Titanium HSDOM	13 cm Concentric Aramid/Carbon Composite Cone (x2) 13 cm Concentric Aramid Cone 2.5 cm Concentric Titanium HSDOM
Frequency Range	30 Hz - 100 kHz	40 Hz - 50 kHz	40 Hz - 50 kHz
Sensitivity (2.83 V/1 m)	85.5 dB SPL	84.5 dB SPL	85.5 dB SPL
Impedance	6 ohms	6 ohms	6 ohms
Maximum Power	130 W	130 W	130 W
Dimensions (W x H x D)	267 x 1190 x 295 mm	190 x 350 x 295 mm	560 x 212 x 295 mm (with base) 560 x 190 x 280 mm (without base)
Weight	25.8 kg	7.9 kg	14.5 kg

### SPECIFICATIONS: SERIES 7 SPEAKERS

	S-71-K	S-71B-LR-K	S-71C-K
Enclosure	3-Way Downfire Bass-Reflex Floor-Standing Type	2-Way Rear-Vented Bass-Reflex Bookshelf Type	2-Way Rear-Vented Bass-Reflex Centre Speaker Type
Speakers	Bass: 13 cm Aramid/Glass Fibre Composite Cone (x2) Midrange: 13 cm Concentric Aramid Cone Tweeter: 2.5 cm Concentric Titanium HSDOM	13 cm Concentric Aramid Cone 2.5 cm Concentric Titanium HSDOM	13 cm Concentric Aramid Cone 2.5 cm Concentric Titanium HSDOM
Frequency Range	33 Hz - 50 kHz	43 Hz - 50 kHz	43 Hz - 50 kHz
Sensitivity (2.83 V/1 m)	85 dB SPL	83 dB SPL	83 dB SPL
Impedance	6 ohms	6 ohms	6 ohms
Maximum Power	130 W	130 W	130 W
Dimensions (W x H x D)	260 x 1114 x 276 mm	181 x 300 x 276 mm	400 x 188 x 256 mm
Weight	23.8 kg	6.1 kg	7 kg

### SPECIFICATIONS: SERIES 3 SPEAKERS

	S-31-LR-K/-QL	S-31B-LR-K/-QL	S-31C-K/-QL
Enclosure	2-Way Downfire Bass-Reflex Floor-Standing Type	2-Way Rear-Vented Bass-Reflex Bookshelf Type	2-Way Rear-Vented Bass-Reflex Centre Speaker Type
Speakers	Bass: 10 cm Glass Fibre Cone (x2) Tweeter: 2.5 cm Soft Dome	10 cm Glass Fibre Cone 2.5 cm Soft Dome	10 cm Glass Fibre Cone (x2) 2.5 cm Soft Dome
Frequency Range	38 Hz - 40 kHz	45 Hz - 40 kHz	45 Hz - 40 kHz
Sensitivity (2.83 V/1 m)	84 dB SPL	82 dB SPL	84 dB SPL
Impedance	6 ohms	6 ohms	6 ohms
Maximum Power	120 W	120 W	120 W
Dimensions (W x H x D)	202 x 1006 x 230 mm	152 x 235 x 197 mm	364 x 146 x 177 mm
Weight	8.8 kg	2.5 kg	3.6 kg

### SPECIFICATIONS: TODOROKI SPEAKERS AND COMPONENT SPEAKERS

Contents	S-RS77TB 5ch 1pack (Tall x 2, Centre x 1, Surround x 2)	S-RS33TB 5ch 1pack (Tall x 2, Centre x 1, Surround x 2)	S-ESR2-LR Tall x 2	S-ESR2CR Centre x 1, Surround x 2
Front SP units	Woofer: 16 cm Concaved Cone x 2 Passive Radiator Midrange: 7.7 cm Cone x 1 Tweeter: 2.6 cm Semi-Dome x 1	Woofer: 16 cm Concaved Cone x 1 Passive Radiator: 16 cm Concaved Cone x 1 Midrange: 7.7 cm Cone x 1 Tweeter: 2.6 cm Semi-Dome x 1	16 cm Concaved Cone x 1	
Centre SP units	Full range: 10 cm Cone x 2	10 cm Cone x 2		10 cm Cone x 2
Surround SP units	Full range: 10 cm Cone x 1	10 cm Cone x 1		10 cm Cone x 1
Maximum Power	150 W Tall/120 W Centre, Surround	150 W Tall/120 W Centre, Surround	150 W	120 W
Impedance	8 ohms	8 ohms	8 ohms	8 ohms
Dimensions (W x H x D)	Tall/Front: 220 x 1080 x 255 mm/13.0 kg Centre: 350 x 130 x 162 mm/2.5 kg	Tall/Front: 220 x 980 x 255 mm/10.0 kg Centre: 350 x 130 x 162 mm/2.5 kg	160 x 983 x 234 mm/8.0 kg	350 x 130 x 162 mm/2.5 kg
Weight	Surround: 180 x 130 x 162 mm/1.3 kg	Surround: 180 x 130 x 162 mm/1.3 kg		Surround: 180 x 130 x 162 mm/1.3 kg

### SPECIFICATIONS: S-HS100 SATELLITE SPEAKER

Contents	S-11 5ch 1pack (Front x 2, Centre x 1, Surround x 2)
Front SP units	Full range: 7.7 cm Cone x 1
Centre SP unit	Full range: 7.7 cm Cone x 1
Surround SP units	Full range: 7.7 cm Cone x 1
Maximum Power	150 W
Impedance	6 ohms
Dimensions (W x H x D)	Front: 106 x 116 x 106 mm/0.8 kg Centre: 270 x 100 x 106 mm/1.0 kg Surround: 106 x 116 x 106 mm/0.6 kg
Weight	

### SPECIFICATIONS: S-HS100 POWERED SUBWOOFER

Enclosure	S-21W Bass Reflex
Driver	16 cm Cone
Frequency Range	33 - 700 Hz
Power Output (PEAK)	160 W
Power Output (RMS)	100 W
Dimensions (W x H x D)	230 x 408 x 344 mm
Weight	6.5 kg
Power Requirements	AC 110-240V 50/60 Hz
Power Consumption/Stand by	25 W/0.5W

### SPECIFICATIONS: POWERED SUBWOOFERS

	S-W1EX	S-LX70W	S-71W	S-51W	S-RS3SW
Enclosure	Powered Subwoofer Passive Radiator Floor-Standing Type	Closed-Box	Bass Reflex	Bass Reflex	Bass Reflex
Driver	30 cm Cone Woofer + 30 cm Cone Passive Radiator	30 cm Cone	25 cm Cone	20 cm Cone	30 cm Cone
Frequency Range	25 - 4000 Hz	25 - 4000 Hz	26 - 1000 Hz	27 - 1000 Hz	27 - 1000 Hz
Power Output (PEAK)	500 W	500 W	280 W	280 W	330 W
Power Output (RMS)	250 W	300 W	160 W	150 W	200 W
Dimensions (W x H x D)	430 x 480 x 430 mm	362 x 365 x 375 mm	372 x 394 x 412 mm	360 x 382 x 360 mm	360 x 437 x 455 mm
Weight	34.5 kg	18.2 kg	19.3 kg	13.5 kg	15.2 kg
Power Requirements	AC 220-230 V 50/60 Hz	AC 220-240 V 50/60 Hz	AC 220-240 V 50/60 Hz	AC 220-240 V 50/60 Hz	AC 220-240 V 50/60 Hz
Power Consumption/Stand by	56 W / - W	90 W / 1 W	130 W / 0.45 W	130 W / 0.45 W	184 W / - W

### SPECIFICATIONS: SPEAKER STANDS

	CP-2EX (for S-2EX)	CP-4EX (for S-4EX)	CP-7EX (for S-7EX/S-8EX)	CP-81B-K (for S-81B-LR-K)	CP-71B (for S-71B-LR-K)	CP-31B (for S-31B-LR-K/-QL)
Dimensions (W x H x D)	400 x 604 x 513 mm	360 x 570 x 485 mm	498 x 310 x 412 mm	310 x 604 x 404 mm	317 x 590 x 390 mm	260 x 480-800 x 260 mm
Weight	17.8 kg	14.1 kg	14.0 kg	6.5 kg	8.4 kg	3.3 kg
Height When Attached	1169 mm	1066 mm	601/573 mm	954 mm	890 mm	1035 mm (max)
Unit	Pair	Single	Single	Pair	Pair	Pair



# Blu-ray Disc/DVD Home Theatre Systems

Fully-Equipped Media Centre

## Pioneer-Exclusive Speaker Technology

### Sound Wing Speaker 919BD *(( Sound Wing ))*

The system comes with Pioneer's Sound Wing bar speaker. The unique speaker creates a wide listening area, while its ultra-slim design allows hassle-free and flexible layout. This is achieved by the HVT (Horizontal-Vertical Transforming) technology — Pioneer's latest speaker innovation.

**Conventional Speaker Sound Dispersion** vs **HVT Speaker Sound Dispersion**

### HVT (Horizontal-Vertical Transforming) Technology 919BD

Pioneer's HVT technology transforms horizontal movement of the voice coil into vertical movement of the diaphragm, thereby dramatically reducing speaker height as well as unwanted vibration, while achieving quality sound delivery.

### Omnidirectional Double Diaphragms 919BD

Conventional omnidirectional speakers were dependent on listening position, with uneven frequency balance of reflected sound. Pioneer solved this problem with the HVT double diaphragm speaker — an omnidirectional speaker with an ideal dispersion pattern. The speaker has an advantage of being almost point-source, with the two diaphragms placed close together and moving in phase. Sound is radiated in all directions, creating a natural sound field with a wide listening area, while eliminating unwanted vibration. The double diaphragm also allows rich bass delivery from a smaller enclosure.

**Conventional Speakers: Narrow listening area** vs **Sound Wing: Wide listening area**

## 3D Playback 919BD 818BD 616BD 313BD 212BD

The latest 3D content can now be enjoyed on your home theatre. Connect a 3D compatible display via HDMI for the full-depth experience.

## HDMI 2 Input/1 Output 919BD 818BD 616BD 313BD 212BD

All systems come with HDMI 2 input/1 output terminals, ready for connecting set-top boxes, digital satellite receivers, or game consoles.

## Web Content Viewing 919BD 818BD 616BD 313BD 212BD

Web content — YouTube, Picasa, and AccuWeather — can now be accessed on the systems. You can view YouTube video on your TV, share Picasa's online photo albums with your friends and family, or check out local and global weather forecasts on AccuWeather.

## Built-in Bluetooth 919BD 818BD 616BD

With Bluetooth Wireless Technology, you can stream music from compatible devices such as your mobile phone, PC, or iPod/iPhone (with iOS 3.0 or later)/iPad. The basic functions of your device can be operated using the system's remote control.

## BD-LIVE™ 919BD 818BD 616BD 313BD 212BD

With BD-LIVE™ compatible discs, you can download special content from the internet such as bonus features or languages not supported on the original disc. Downloaded data can be stored onto a USB memory device with a capacity of 1 GB or more (2 GB recommended) via the USB port.

## DLNA Certified™ (1.5) 919BD 818BD 616BD 313BD 212BD

The systems are DLNA certified (1.5), interoperable with other certified products in your home network. For example, you can play music and video content\* from a PC in another room.

\* Playback of DRM protected commercial content requiring DTCP-IP link protection is not supported.

## Blu-ray Disc Front Surround System

# HTZ-HW919BD

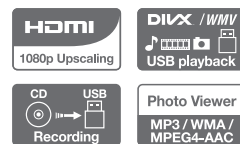
HVT Bar Type Speaker with Slim Subwoofer  
 Model consists of:  
**XV-BD919FS** Blu-ray Disc Receiver  
**S-BD919HW** HVT Bar Type Speaker System  
**S-BD808SW** Slim Subwoofer



*(( Sound Wing ))*



Made for iPod iPhone

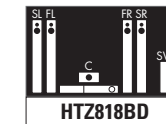


## Blu-ray Disc 5.1 ch Surround Systems

# HTZ818BD

4 Tall Speakers with Slim Subwoofer  
 Model consists of:  
**XV-BD717** Blu-ray Disc Receiver  
**S-BD808T** Speaker System  
**S-BD808SW** Slim Subwoofer

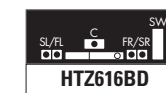
Made for iPod iPhone



# HTZ616BD

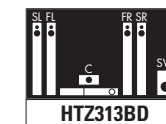
Small Speakers with Slim Subwoofer  
 Model consists of:  
**XV-BD717** Blu-ray Disc Receiver  
**S-BD606** Speaker System/Slim Subwoofer

Made for iPod iPhone



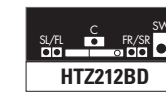
# HTZ313BD

4 Tall Speakers with Subwoofer  
 Model consists of:  
**XV-BD212** Blu-ray Disc Receiver  
**S-BD808T** Speaker System  
**S-BD212SW** Subwoofer



# HTZ212BD

Small Speakers with Subwoofer  
 Model consists of:  
**XV-BD212** Blu-ray Disc Receiver  
**S-BD310** Speaker System/Subwoofer



## DVD Home Theatre Systems

# HTZ21 2DVD NEW

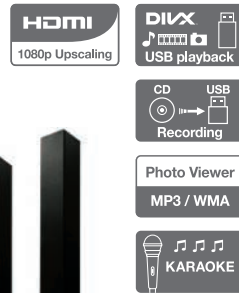
4 Tall Speakers with Downfiring Subwoofer

Model consists of:

XV-DV202 DVD/CD Receiver

S-BD808T Speaker System

S-DV210SW Downfiring Subwoofer



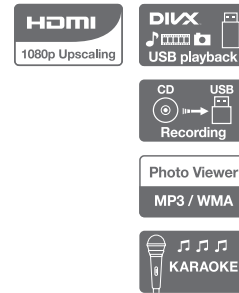
# HTZ11 1DVD NEW

Small Speakers with Downfiring Subwoofer

Model consists of:

XV-DV202 DVD/CD Receiver

S-DV111 Speaker System/Downfiring Subwoofer



# HTZ202DVD Non MY

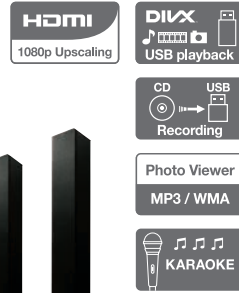
4 Tall Speakers with Subwoofer

Model consists of:

XV-DV202 DVD/CD Receiver

S-BD808T Speaker System

S-DV202SW Subwoofer



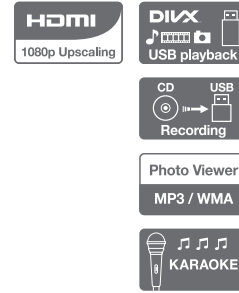
# HTZ101DVD Non MY

Small Speakers with Subwoofer

Model consists of:

XV-DV202 DVD/CD Receiver

S-DV101 Speaker System/Subwoofer



# HTZ282DVD-AP MY only

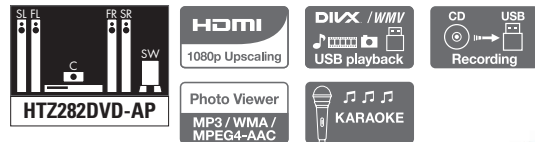
4 Tall Speakers with Downfiring Subwoofer

Model consists of:

XV-DV282AP DVD/CD Receiver

S-DV282T Speaker System

S-DV55W Downfiring Subwoofer



## Home Theatre Packages

# HTP-610 NEW Non MY

5.1ch Subwoofer Receiver System

Model consists of:

SX-SWR2 Subwoofer Receiver

S-SWR500 Speaker System

• HDMI with 3D

• iPod digital connection

• Dual centre speakers



# HTP-SB510 NEW

3.1ch Subwoofer Receiver System

Model consists of:

SX-SWR2 Subwoofer Receiver

S-SB510 Bar Speaker

• HDMI with 3D

• iPod digital connection

• Slim bar speaker



## FEATURE COMPARISON & SPECIFICATIONS: BLU-RAY DISC HOME THEATRE SYSTEMS

System	HTZ-HW919BD	HTZ818BD	HTZ616BD	HTZ313BD	HTZ212BD
<b>Functions</b>	7 (BD, DVD/iPod/Tuner/Portable In/Optical In/Bluetooth/USB)	7 (BD, DVD/iPod/Tuner/Portable In/Optical In/Bluetooth/USB)	7 (BD, DVD/iPod/Tuner/Portable In/Optical In/Bluetooth/USB)	5 (BD, DVD/Tuner/Portable In/Optical In/USB)	5 (BD, DVD/Tuner/Portable In/Optical In/USB)
<b>Amplifier</b>					
Output Power PMP0	7000 W	13700 W	13700 W	13700 W	13700 W
RMS Front, 1 kHz, 10 % THD, 4 ohms	180 W/ch	180 W/ch	180 W/ch	180 W/ch	180 W/ch
Centre, 1 kHz, 10 % THD, 4 ohms	180 W	180 W	180 W	180 W	180 W
Surround, 1 kHz, 10 % THD, 4 ohms	180 W/ch	180 W/ch	180 W/ch	180 W/ch	180 W/ch
Subwoofer, 100 Hz, 10 % THD, 4 ohms	200 W (passive)	200 W (passive)	200 W (passive)	200 W (passive)	200 W (passive)
<b>Playback Media and Playback Modes</b>					
3D Video	•	•	•	•	•
Progressive Scan (PAL/NTSC)	•	•	•	•	•
BD-ROM/BD-R/BD-RE	•	•	•	•	•
DVD-Video/DVD-R/DVD-R DL/DVD-RW*1	•	•	•	•	•
DVD+R (Video)/DVD+RW (Video)*1	•	•	•	•	•
CD/CD-R/CD-RW*1	•	•	•	•	•
Music File: MP3, WMA, MPEG-4 AAC, LPCM	•	•	•	•	•
Video File: DivX, DivX HD, JPEG, MKV, WMV	•	•	•	•	•
GigaByte Music (DVD Data Disc Playback)	•	•	•	•	•
<b>Surround Format and Sound Features</b>					
Dolby TrueHD, DTS-HD Master Audio Essential	•	•	•	•	•
DTS, Dolby Digital, Dolby Pro Logic II	• (except Dolby Pro Logic II)	•	•	•	•
Bass Blast	•	•	•	•	•
Compressed Music Compensation	•	•	•	•	•
<b>Convenience</b>					
BonusView	•	•	•	•	•
BD-LIVE	•	•	•	•	•
DLNA Certified™ (1.5)	•	•	•	•	•
Bluetooth	•	•	•	•	•
Web Content Viewing (YouTube/Picasa/AccuWeather)	•	•	•	•	•
Made for iPod and iPhone	• (cradle)	• (cradle)	• (cradle)	•	•
<b>Terminals</b>					
USB Memory Audio Ready	1	1	1	1	1
HDMI Input/Output with 3D	2/1	2/1	2/1	2/1	2/1
Component Video Output	1	1	1	1	1
Composite Video Output	1	1	1	1	1
Optical Digital Input	1	1	1	1	1
Audio Minijack Input	1	1	1	1	1
Power Requirements (Depends on country)	110-240 V 50/60 Hz 85 W/0.3 W	110-240 V/110 V 50/60 Hz 150 W/0.3 W	110-240 V/110 V 50/60 Hz 150 W/0.3 W	110-240 V/220 V 50/60 Hz 150 W/0.3 W	110-240 V/220 V 50/60 Hz 150 W/0.3 W
<b>Dimensions (W x H x D)/Weight</b>					
Receiver unit (mm/kg)	430 x 64 x 304/3.4	430 x 64 x 304/3.4	430 x 64 x 304/3.4	430 x 64 x 304/3.4	430 x 64 x 304/3.4
Front Speaker (mm/kg)	900 x 66 x 93/1.6	260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 85/0.4
Centre Speaker (mm/kg)		300 x 87 x 65/0.6	300 x 87 x 65/0.6	300 x 87 x 65/0.6	300 x 87 x 65/0.6
Surround Speaker (mm/kg)		260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 85/0.4
Subwoofer (mm/kg)	130.5 x 420 x 375/4.4	130.5 x 420 x 375/4.4	130.5 x 420 x 375/4.4	190 x 360 x 320/3.8	190 x 360 x 320/3.8

## FEATURE COMPARISON & SPECIFICATIONS: DVD HOME THEATRE SYSTEMS/HOME THEATRE PACKAGE SYSTEMS

System	HTZ212DVD	HTZ111DVD	HTZ202DVD	HTZ101DVD	HTZ282DVD-AP	HTP-610	HTP-SB510
<b>Functions</b>	5 (DVD/Tuner/AUX/USB/Portable In)	5 (DVD/Tuner/AUX/USB/Portable In)	5 (DVD/Tuner/AUX/USB/Portable In)	5 (DVD/Tuner/AUX/USB/Portable In)	4 (DVD/Tuner/USB/Line)*	7 (BD/DVD, TV/SAT, DVR/VCR, VIDEO, iPod/USB, TUNER, AUX)	7 (BD/DVD, TV/SAT, DVR/VCR, VIDEO, iPod/USB, TUNER, AUX)
<b>Amplifier</b>							
Output Power PMP0	2600 W	2600 W	2600 W	2600 W	4500 W	7500 W	7500 W (with S-SB5R)
RMS Front, 1 kHz, 10 % THD, 4 ohms	30 W/ch	30 W/ch	30 W/ch	30 W/ch	60 W/ch	100 W/ch	100 W/ch
Centre, 1 kHz, 10 % THD, 4 ohms	30 W	30 W	30 W	30 W	60 W	100 W	100 W
Surround, 1 kHz, 10 % THD, 4 ohms	30 W/ch	30 W/ch	30 W/ch	30 W/ch	60 W/ch	100 W/ch	100 W/ch
Subwoofer, 100 Hz, 10 % THD, 8 ohms	60 W	60 W	60 W	60 W	60 W (4 ohms)	100 W (4 ohms)	100 W (4 ohms)
<b>Playback Media and Playback Modes</b>							
Progressive Scan (PAL/NTSC)	•	•	•	•	•	•	•
DVD-Video/DVD-R/DVD-R DL/DVD-RW*1	•*2	•*2	•*2	•*2	•	•	•
DVD+R (Video)/DVD+RW (Video)*1	•	•	•	•	•	•	•
CD/CD-R/CD-RW*1	•	•	•	•	•	•	•
Music File: MP3, WMA, MPEG4-AAC	• (except MPEG4-AAC)	• (except MPEG4-AAC)	• (except MPEG4-AAC)	• (except MPEG4-AAC)	•	•	•
Video File: DivX, JPEG, WMV	• (except WMV)	• (except WMV)	• (except WMV)	• (except WMV)	•	•	•
GigaByte Music (DVD Data Disc Playback)	•	•	•	•	•	•	•
PHOTO + MUSIC MIX	•	•	•	•	•	•	•
<b>Surround Format and Sound Features</b>							
Dolby TrueHD/DTS-HD Master Audio	•	•	•	•	•	•	•
DTS, Dolby Digital, Dolby Pro Logic II	•	•	•	•	•	•	•
Bass Mode	•	•	•	•	•	•	•
Karaoke (Key Control, Echo)	•	•	•	•	•	•	•
<b>Terminals</b>							
USB Memory Audio Ready	1	1	1	1	1	1	1
HDMI	1	1	1	1	1	3 in/1 out (repeater)	3 in/1 out (repeater)
Component Video Output	1	1	1	1	1	2	2
Composite Video Output	1	1	1	1	1	1	1
Analogue Audio Input	1	1	1	1	1	1	1
Audio Minijack Input	1	1	1	1	1	1	1
Power Requirements (Depends on country)	110-240 V 50/60 Hz	110-240 V 50/60 Hz	110-240 V 50/60 Hz	110-240 V 50/60 Hz	220-240 V 50/60 Hz 110-220 V 50/60 Hz	200-240 V 50/60 Hz	200-240 V 50/60 Hz
Power Consumption/Standby	50 W/0.5 W	50 W/0.5 W	50 W/0.5 W	50 W/0.5 W	55 W/0.73 W	61 W/0.5 W	61 W/0.5 W
<b>Dimensions (W x H x D)/Weight</b>							
Receiver unit (mm/kg)	360 x 66 x 327/2.5	360 x 66 x 327/2.5	360 x 66 x 327/2.5	360 x 66 x 327/2.5	420 x 62 x 331/2.8	230 x 360.5 x 422.5/11	230 x 360.5 x 422.5/11
Front Speaker (mm/kg)	260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 96/0.5	800 x 57 x 85/1.8
Centre Speaker (mm/kg)	300 x 87 x 65/0.6	300 x 87 x 65/0.6	300 x 87 x 65/0.6	300 x 87 x 65/0.6	220 x 90 x 100/0.7	96 x 96 x 96/0.5	96 x 96 x 96/0.5
Surround Speaker (mm/kg)	260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 85/0.4	260 x 1097 x 260/3.8	96 x 96 x 96/0.5	96 x 96 x 96/0.5
Subwoofer (mm/kg)	230 x 380 x 360/5.4	230 x 380 x 360/5.4	190 x 360 x 320/3.8	190 x 360 x 320/3.8	230 x 380 x 360/5.4		

\*1 CD-R/-RW DVD-R/-R DL/-RW DVD+R/-RW Playback: Discs may not be played back because of the following reasons: recording characteristics of recorder, characteristics of disc, scratch and dust on disc, dust and condensation on pickup lens.

\*2 Not compatible with VR mode on DVD-R/-RW  
Pioneer cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.

\* Bluetooth function is available when the optional adapter is inserted into the adapter terminal.

# DVD Mini Systems

In Full Blast

## RSM400DV

High Power DVD Mini System

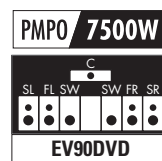
- Powerful subwoofer for Club Sound
- TODOROKI Mode (Heavy Bass Mode) for Club Sound
- 3DVD changer
- USB Direct Recording
- USB Movie Playback
- Karaoke



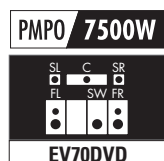
## EV90DVD / EV70DVD / EV50DVD

DVD Mini Systems

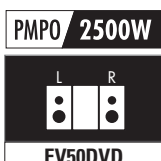
Model consists of:  
XV-EV90 DVD Cassette Deck Receiver  
S-EV90V Speaker System



Model consists of:  
XV-EV70 DVD Cassette Deck Receiver  
S-EV70V Speaker System



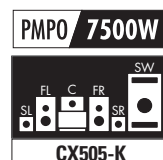
Model consists of:  
XV-EV50 DVD Cassette Deck Receiver  
S-EV50V Speaker System



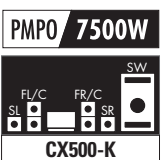
## CX505-K / CX500-K / CX303-K

DVD/CD Mini Systems

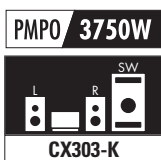
Model consists of:  
XV-CX505-K DVD/CD Receiver  
S-CX505-K Speaker System



Model consists of:  
XV-CX500-K DVD/CD Receiver  
S-CX500-K Speaker System



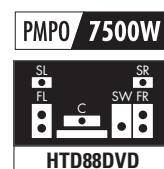
Model consists of:  
XV-CX303-K DVD/CD Receiver  
S-CX303-K Speaker System



## HTD88DVD

DVD/CD Mini System

Model consists of:  
XV-DV88 DVD/CD Receiver  
S-DV88 Speaker System



\* Ask your dealer about available models.

# Hi-Micro System

Elegantly Compact

## X-HM20V-S

DVD/CD Micro System

Made for  
iPod iPhone iPad



\* iPhone not included

### Minimal Design

The minimal design of the X-HM20V-S blends with any room décor, offering the presence and elegance of high-grade audio components in a compact form.

### iPod Digital Connection

Enjoy iPod/iPhone/iPad music via digital connection through the docking terminal. The audio signals are directly transferred to the high-performance DAC, offering superior sound compared to analogue connections. You can also operate your iPod with the system's remote control.

### Video Output from iPod

In addition to DVD playback, the system lets you view photos, videos, and even YouTube content from compatible iPod/iPhone/iPad devices by connecting to your TV via composite output.

### FEATURE COMPARISON & SPECIFICATIONS: DVD MINI SYSTEMS/DVD HOME THEATRE SYSTEMS/HI-MICRO SYSTEM

System	RSM400DV	EV90DVD/EV70DVD	EV50DVD	CX505-K/CX500-K	CX303-K	HTD88DVD	X-HM20V-S
Functions	5 (DVD/Tuner/USB/Deck/AUX)	5 (DVD/DECK/Tuner/USB/Line)	5 (DVD/DECK/Tuner/USB/Line)	5 (DVD/Tuner/USB/Line/ Front Audio In)	5 (DVD/Tuner/USB/Line/ Front Audio In)	5 (DVD/Tuner/TV/Line 1/Line 2)	5 (DVD/iPod/Tuner/USB/Line)
Tuner (Band, Preset Stations)	FM/AM (50)	FM/AM (30)	FM/AM (30)	FM/AM (30)	FM/AM (30)	FM/AM (30)	FM/AM (40)
Cassette Deck	•	•	•	•	•	•	•
Amplifier							
Output Power PMPO	5000 W	7500 W	2500 W	7500 W	3750 W	7500 W	370 W
RMS Front, 1 kHz, 10 % THD, 6 ohms	110 W/ch (4 ohms)	100 W/ch	100 W/ch	100 W/ch (4 ohms)	100 W/ch (4 ohms)	100 W/ch	15 W/ch
Centre, 1 kHz, 10 % THD, 6 ohms		100 W	100 W	100 W (4 ohms)	100 W	100 W	
Surround, 1 kHz, 10 % THD, 6 ohms		100 W/ch	100 W/ch	100 W/ch (4 ohms)	100 W/ch	100 W/ch	
Subwoofer, 100 Hz, 10 % THD, 6 ohms	180 W (3 ohms)	100 W	100 W	100 W (4 ohms)	100 W (4 ohms)	100 W	
Playback Media and Playback Modes							
Progressive Scan (PAL/NTSC)	•	•	•	•	•	• (NTSC only)	•
DVD-Video/DVD-R/DVD-R DL/DVD-RW*	•	•	•	•	•	• (except DVD-R DL)	•
DVD+R (Video)/DVD+RW (Video)*	•	•	•	•	•	•	•
SVCD/VCD/CD/CD-R/CD-RW <sup>1</sup>	•	•	•	•	•	•	•
Music File: MP3, WMA, MPEG-4 AAC	• (except MPEG-4 AAC)	•	•	•	•	• (except MPEG-4 AAC)	• (except MPEG-4 AAC)
Video File: DivX Video, JPEG	•	• (disc media only)	• (disc media only)	• (except WMV, disc media only)	• (except WMV, disc media only)	• (JPEG/disc media only)	•
GigaByte Music (DVD Data Disc Playback)	•	•	•	•	•	•	•
PLAYLIST for Easy Song Selection	•	•	•	•	•	•	•
PHOTO + MUSIC MIX	•	•	•	•	•	•	•
Surround Format and Sound Features							
DTS, Dolby Digital, Dolby Pro Logic II	• (except Dolby Pro Logic II)	•	• (except Dolby Pro Logic II)	•	• (except Dolby Pro Logic II)	•	• (except Dolby Pro Logic II)
Front Surround Mode	•	•	•	•	•	•	•
Extra Power Mode	•	•	•	•	•	•	•
Bass Mode	•	• (X. Boom)	• (X. Boom)	•	•	•	•
TODOROKI Mode (Heavy Bass Mode)	•	•	•	•	•	•	•
Advanced Surround (8 Modes)	•	•	•	•	•	•	•
Sound Field Control	•	• (6 Modes)	• (6 Modes)	• (7 Modes)	• (7 Modes)	•	•
Karaoke (Key Control, Echo)	•	•	•	•	•	• (except Key control/Echo)	•
Terminals							
HDMI							1
USB Memory Audio Ready	1	1	1	1	1	1	1
Component Video Out	1	1	1	1	1	1	1
S-Video Out/Composite Video Out	0/1	0/1	0/1	1/1	1/1	1/1	1/1
Digital Audio Input							1
Analogue Audio Input/Output	1/0	1/0	1/0	1/0	1/0	1/1	1 Front 3.5 mm, 1 Rear/0
Pioneer SR+ Input/SR Output						1/0	
Power Requirements (Depends on Country)	AC 110-240 V 50/60 Hz	AC 110-127/220-230/240 V 50/60 Hz	AC 110-127/220-230/240 V 50/60 Hz	AC 220-240 V 50/60 Hz	AC 220-240 V 50/60 Hz	AC 110-127/220-230/240 V 50/60 Hz	AC 220-240 V 50/60 Hz
Power Consumption/Standby	65 W/0.9 W	168 W/0.5 W	168 W/0.5 W	66 W/0.5 W	43 W/0.5 W	180 W/0.5 W	45 W/0.3 W
Dimensions (W x H x D)/Weight							
Receiver unit (mm/kg)	273 x 336 x 372/5.8	170 x 352.5 x 340/1.72	170 x 352.5 x 340/1.72	210 x 112 x 336/2.9	210 x 112 x 336/2.9	210 x 112 x 336/2.8	215 x 99 x 300/3.8
Front Speaker (mm/kg)	220 x 336 x 296/4.5	200 x 352.5 x 244/3.8	200 x 352.5 x 244/3.8	130 x 221 x 172/1.7	130 x 221 x 172/1.7	155 x 360 x 190/2.3	132 x 260 x 173/2.0
Centre Speaker (mm/kg)		361 x 108 x 96/0.9	361 x 108 x 96/0.9	200 x 108 x 101/0.75	100 x 100 x 103/0.55	340 x 108 x 100/1.4	
Surround Speaker (mm/kg)		200 x 352.5 x 244/3.5	190 x 108 x 96/0.6	130 x 100 x 110/0.68	100 x 100 x 103/0.55	145 x 108 x 100/0.7	
Subwoofer (mm/kg)	274 x 336 x 336/6.0	200 x 352.5 x 437/6.7	200 x 352.5 x 437/6.7	190 x 444 x 220/5.7	190 x 444 x 220/5.7	190 x 360 x 315/4.7	

\* CD-R/-RW DVD-R/-R DL/-RW DVD+R/-RW Playback: Discs may not be played back because of the following reasons: recording characteristics of recorder, characteristics of disc, scratch and dust on disc, dust and condensation on pickup lens. Pioneer cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.

# Slim AV Micro Systems

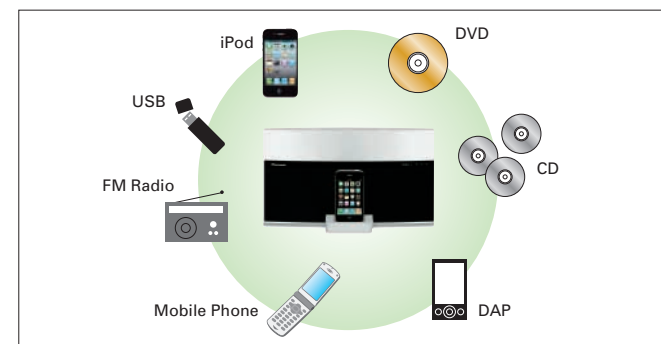
For Your Personal Space



## All-In-One System

**SMC1 NAV1**

These compact units can play various sources, including iPod/iPhone, DVD/CD, USB memories, and radio. Sound from mobile phones and digital audio players can also be enjoyed in quality audio via the AUX input. The alarm function allows you to wake up to your favourite tune.



## Made for iPod and iPhone

**SMC1 NAV1**

The Pioneer Slim AV Micro Systems are certified "Made for iPod and iPhone" products, meaning they are designed specifically to connect with iPod and iPhone.

## X-SMC1-S NEW

Slim AV Micro System

Made for iPod iPhone



\* iPhone not included



Black model (X-SMC1-K) also available

## Air Jam App for iPod touch/iPhone

**SMC1**



Discover new songs on your friend's iPhone. Air Jam is an iPod touch/iPhone application developed by Pioneer, freely downloadable from the App Store. Through Bluetooth connection\*, you can stream music from up to four iPod touch and iPhone devices\*\*. Air Jam also transmits metadata such as song title, artist, and album name, and you can easily purchase songs from the iTunes Store by referring to Air Jam playback history including metadata.

\* AS-BT200 optional adapter required for Bluetooth ready models  
\*\* Number of connectable devices depends on condition

## CD -> USB Recording

**NAV1**



With the USB terminal, you can record songs directly from CDs onto USB devices. The data is stored in MP3 format, enabling you to choose the bit rate from 128/192/320 kbps. You can copy a whole album or a selection of your favourite tracks.

## Video Output from iPod

**SMC1 NAV1**

These units allow you to watch video content from compatible iPod/iPhone devices enlarged on your TV screen. Just connect the unit to your TV via a composite out to enjoy video and photos from your iPod/iPhone, or even YouTube video content.

## XW-NAV1-K

DVD Speaker System

Made for iPod iPhone



\* iPhone not included

## FEATURE COMPARISON & SPECIFICATIONS: SLIM AV MICRO SYSTEMS

	X-SMC1-S(-K)	XW-NAV1-K
Made for iPod and iPhone	•	•
Air Jam App Ready	• (AS-BT200 optional Bluetooth adapter required)	•
Video Output from iPod (Composite)	•	•
Video Output from DVD (HDMI 1080p)	•	•
DVD/CD Playback	•	•
USB Playback	•	•
DivX*	•	•
Dolby Digital/DTS Digital Out via HDMI	•	•
Dolby Digital 2ch Down Mix Output	•	•
LED Display	•	•
Power Requirements	AC 100-240 V 50/60 Hz	AC 110-240 V 50/60 Hz
Power Consumption	25 W	20 W
Power Consumption During Standby	0.5 W	0.5 W
Dimensions (W x H x D)	520 x 218 x 156 mm	370 x 216 x 175 mm
Weight	3.7 Kg	3.5 kg

## Playback Compatibility

	iPhone				iPod classic	iPod touch				iPod nano					
	iPhone	iPhone 3G	iPhone 3GS	iPhone 4		1st gen.	2nd gen.	3rd gen.	4th gen.	1st gen.	2nd gen.	3rd gen.	4th gen.	5th gen.	6th gen.
X-SMC1	AV	AV	AV	AV	AV	AV	AV	AV	AV	A	A	AV	AV	AV	A
XW-NAV1-K	AV	AV	AV	AV	AV	AV	AV	AV	AV	A	A	AV	AV	AV	A

AV = Audio and video file playback  
A = Audio file playback  
(As of March 10, 2011)

# Pure Audio Components

Back to Basics



## PD-F507 Non MY

CD Player



## CT-W606DR Non MY

Cassette Deck



## A-307R Non MY

Integrated Amplifier



## PD-M427 Non MY

CD Player



## CT-W404R Non MY

Cassette Deck



## A-209 Non MY

Integrated Amplifier



## PD-217 Non MY

CD Player



## CT-W208R Non MY

Cassette Deck



## F-208 Non MY

Quartz-PLL Synthesizer Tuner



## PD-117 Non MY

CD Player



## CT-W106 Non MY

Cassette Deck



## GR-555 Non MY

7-Band Graphic Equalizer



\* Ask your dealer about available models.

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

Pioneer Pure Malt Speakers

- Magnetically-shielded 2-way speaker system
- Environmentally-friendly enclosures made of recycled white oak whiskey barrels
- 10 cm cone woofer
- 2 cm dome tweeter
- 2.5 m OFC (oxygen-free copper) speaker cable included
- Maximum power: 100 W
- Frequency range: 50 Hz-40 kHz (S-A4SPT-VP), 60 Hz-40 kHz (S-A4SPT-PM)
- Dimensions (W x H x D): 154 x 246 x 213 mm
- Weight: 3.7 kg
- Impedance: 6 ohms



\* Ask your dealer about available models.