



Bringing quality sound and the latest features in a slim and stylish design, thanks to the highly-efficient Class D amplifier. Enjoy spectacular images with Ultra HD (4K/60p/4:4:4) upscaling/pass-through, play Hi-Res Audio via USB/network, listen to internet radio and various streaming services, or cast music with Chromecast built-in. Combine with Pioneer's BDP-X300 Blu-ray Disc player and create a full-scale home cinema with a compact setup.

## AMPLIFICATION

- › Channels: 6
- › Amplification Type: Class D
- › 80 W/ch (4 ohms, 1 kHz, THD 1.0 %, 1ch Driven)

## AUDIO FEATURES

- › Dolby® TrueHD/Dolby Digital Plus/Dolby Pro Logic II
- › DTS-HD Master Audio/DTS-HD High Resolution Audio/DTS 96/24/DTS-HD Express/DTS Neo:6 5.1
- › DSD Playback via Network/USB (5.6 MHz/2ch 2.8 MHz/2ch)
- › DSD Disc (SACD) Playback via HDMI (2.8 MHz/5.1ch, 2ch)
- › Digital Core Engine with Cirrus Logic (Quad Core) x1
- › HDMI Audio Return Channel (ARC)
- › MCACC Auto Room Tuning
  - Phase Control
  - Subwoofer EQ (4 Band)
- › Advanced Sound Retriever (2ch)
- › Advanced Surround Modes
  - Classical, Unplugged, Entertainment Show, Drama, Advanced Game, Action, Rock/Pop, Sports, Extended Stereo, Extended Mono, Front Stage Surround, Auto Surround

## VIDEO FEATURES

- › Ultra HD Pass-through with HDCP 2.2 (4K/60p/4:4:4/24-bit, 4K/24p/4:4:4/36-bit, 4K/60p/4:2:0/36-bit)
- › HDR and BT.2020 Support
- › Ultra HD Upscaling (1080p → 4K)
- › 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- › Deep Colour (36-bit), "x.v.Colour"

## HOME NETWORK FEATURES

- › FireConnect™ for Multi-room Audio
- › Chromecast built-in\*1
- › Apple AirPlay Certified
- › Spotify\*, Tidal, and Deezer Music Streaming Services Ready\*3
- › Internet Radio (TuneIn)
- › Hi-Res Audio File Playback via USB/Network
  - Up to 192 kHz/24-bit ALAC, AIFF, FLAC, WAV
  - 5.6/2.8 MHz DSD Playback

## CONVENIENCE FEATURES

- › Built-in Wi-Fi\* (Dual Band 5 GHz/2.4 GHz)
- › Built-in Bluetooth® Wireless Technology (Version: 4.1, Profile: A2DP/AVRCP, Codec: SBC/AAC)
- › Works with Pioneer Remote App (iOS/Android)\*4
- › New GUI with System/Network Setup Menu
- › Auto Power Off in HDMI Standby Through
- › DAB/DAB+ Tuner
- › FM (RDS) Tuner 40 Presets
- › Sleep Timer
- › User-Friendly Simple Remote Control

## FRONT TERMINALS

- › USB 1 In for USB Drive
- › MCACC Setup MIC In
- › Phones 1 Out

## REAR TERMINALS

- › HDMI 4 In
- › HDMI 1 Out (ARC)
- › Ethernet 1 In
- › Audio 2 In (Assignable)
- › Phono (MM) 1 In

- › Digital Coaxial 1 In (Assignable)
- › Digital Optical 1 In (Assignable)
- › Subwoofer 1 Pre Out
- › Speaker 6 ch Out (FRONT, CENTER, SURROUND, SUBWOOFER)
- › FM/DAB Tuner Antenna

## SPECIFICATIONS

- › Power Requirements: AC 100-240 V, 50/60 Hz
- › Power Consumption/Standby: 60 W/0.38 W
- › Dimensions (W x H x D): 435 x 70 x 325 mm
- › Weight: 4.0 kg



VSX-S520D(B)/MUP

## Ultra HD (4K/60p/4:4:4/24-bit) Upscaling/Pass-Through with HDCP 2.2

The feature lets you take advantage of the highest-quality video source for viewing on a 4K TV. With support for HDCP 2.2, you can enjoy premium content such as 4K videos with digital copy protection on a compatible display.

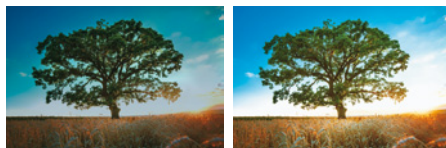


\* Supports up to 4K/60p/4:4:4/24-bit with HDCP 2.2 on HDMI IN (1/2/3), and HDMI OUT.

## Next Generation Video Standard Ready

The VSX-S520D is ready for the next generation video standard HDR (High Dynamic Range) and BT.2020, which were adopted by Ultra HD Blu-ray™. HDR is a technology that drastically expands the brightness peak, providing a higher contrast between light and dark images, which creates even more life-like pictures. BT.2020 is a new color-recording technology allowing a much wider gamut than the current BT.709 standard, enabling vividly rich coloration.

HDR Dynamic Range Expansion Image



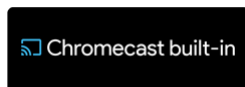
No HDR

With HDR

\* For illustration purpose only

## Chromecast built-in

The VSX-S520D has Chromecast built-in, so you can use your mobile device to cast your favourite music, radio, or podcasts to your speaker. You can control the audio from anywhere in the house using Cast-enabled apps running on your personal device - iPhone, iPad, Android phone and tablet, Mac and Windows laptop, and Chromebook.



## Built-in Dual Band Wi-Fi

Enjoy network features such as audio streaming via wireless LAN connection. The built-in Wi-Fi is dual band, supporting both 5 GHz and 2.4 GHz frequency channels. By using the 5 GHz band, you can enjoy steady and uninterrupted streaming of audio files.



## Internet Radio & Online Music

Enjoy a limitless flow of music, sports, talk, and news entertainment from internet radio stations and online music services, including Spotify, TuneIn, TIDAL, and Deezer.

## DAB/DAB+ Radio

Enjoy radio broadcasts in crystal clear sound, free of interference. The built-in DAB/DAB+ tuner lets you listen to various programmes by automatically tuning in to available stations.



## MCACC Auto Room Tuning

Create the optimum acoustic environment with Pioneer's MCACC (Multi-Channel Acoustic Calibration System), developed with the expertise of professional recording studios. With the custom microphone, the system automatically compensates for differences in speaker size, level and distance, and equalises response. As an innovative solution for the phase lag between the subwoofer and the main channel speakers caused by the network filter, Phase Control compensates the delayed bass to improve sound synchronisation.



## Intuitive Control with New Pioneer Remote App (iOS/Android)

Enjoy smooth control using your beloved device. With the free Pioneer Remote app, you can use your iPad/iPhone/iPod touch or Android smartphone for operating the AV receiver, or play back tunes stored on your device. You can also select internet radio stations, and play songs from your media server.

\* AV receiver needs to be connected to a home LAN network in a wireless LAN environment.



## Multi-room Audio Offers a Variety of Ways to Enjoy Music

The VSX-S520D will support FireConnect™ Powered by Blackfire\* with future firmware update. FireConnect is a stable wireless protocol that mirrors any audio source connected to the receiver—from vinyl to streaming audio—on optional FireConnect compatible speakers\*\* in other rooms.



\* Multi-room Audio is realized by FireConnect technology. FireConnect is a technology of Blackfire Research Corp, USA. We do not guarantee that the AV Receiver will support all devices incorporating FireConnect.

\*\* FireConnect compatible speakers will be released going forward.



•PIONEER, MCACC, Phase Control, Advanced Sound Retriever, and the logos are registered trademarks of Pioneer Corporation, and are used under license. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. •Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. •For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS, Inc. DTS, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. & DTS Neo:6 is a trademark of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved. •"Made for iPod", "Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. •AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later. The AirPlay logo is a trademark of Apple Inc. App Store is a service mark of Apple Inc. •iOS is a trademark on which Cisco holds the trademark right in the US and certain other countries. •Wi-Fi is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. •The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. •x.v. Colour™ is a trademark of Sony Corporation. •Spotify and the Spotify logo are trademarks of the Spotify Group, registered in the U.S. and other countries. •The product with the Hi-Res Audio logo is conforming to Hi-Res Audio standard defined by Japan Audio Society. The logo is used under license from Japan Audio Society. •Android, Google Play, Google Cast and the Google Cast badge are trademarks of Google Inc. •Blu-ray Disc™, Blu-ray™, Ultra HD Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association. •FireConnect is a technology of Blackfire Research Corp, USA.

All other trademarks and registered trademarks are the property of their respective holders.

© 2016 Onkyo & Pioneer Corporation. All rights reserved.  
Note: Specifications and design subject to change without notice.