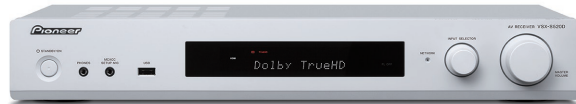# 5.1-ch Slim Network AV Receiver

VSX-S520D(B/S/W)

VSX-S520D(B)

VSX-S520D(S)

VSX-S520D(W)

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 Google Cast™. 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™*² for Multi-room Audio
> Google Cast*¹*²
> 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

*¹ Compatible apps required   *² Available with future firmware update   *³ Service availability depends on region   *⁴ Available for free download from the App Store/the Google Play™

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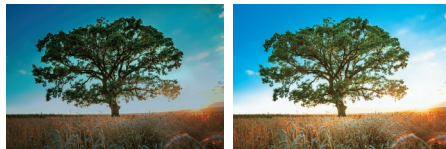
* Supports up to 4K/60p/4:4:4/24-bit with HDCP 2.2 on HDMI IN (1/2/3), and HDMI OUT.

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

Google Cast

The VSX-S520D has Google Cast, the same technology behind Chromecast builtin, 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. Discover Cast-enabled apps at g.co/cast/audioapps.

* Google Cast will be available with future firmware update.

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.