

Press Release

For Immediate Release

Pioneer Introduces 5.1-Channel VSX-832 and 7.2-Channel VSX-932 Network AV Receivers Supporting Dolby Atmos® and DTS:X™

Pioneer today unveils two new network AV receivers, the 5.1-channel VSX-832 and 7.2-channel VSX-932. The former model is first to support Dolby Atmos*1 and DTS:X reproduction through 3.1.2-channel layouts, and the latter offers object-based audio reproduction through 5.2.2 channels.

The AV receivers incorporate Pioneer's exclusive MCACC*2 automatic sound adjustment technology and convenient audio streaming via Chromecast built-in*1, DTS Play-Fi®*1, Spotify®, TIDAL, Deezer, and Tunes over a stable dual-band Wi-Fi®*3 connection. FireConnect™*4 powered by Blackfire delivers wireless multi-room audio, allowing network and analog sources connected to the AV receiver to be played on optional speakers. Other highlights include 384 kHz/32-bit DAC, a refined GUI, and video pass-through of Dolby Vision™, HDR10, and BT.2020*5 via HDCP 2.2-compliant HDMI®.

Built for Powerful Sound

Both AV receivers develop 130 W/Ch (6 ohms, 1 kHz, THD 1.0%, 1 channel driven) for thrilling and immersive surround-sound performance. Pioneer's acclaimed low-distortion amplification system has wideband frequency reproduction capability to produce a large and realistic soundstage with precise rendition of the subtlest details.

Supports Dolby Atmos and DTS:X

The VSX-832 is the first Pioneer AV receiver to support Dolby Atmos and DTS:X object-based audio reproduction through 5.1 channels. With the addition of Dolby Atmos-enabled speakers, movie lovers can experience a multi-dimensional sound field in 3.1.2-channel or 2.1.2-channel layouts without need of in-ceiling speakers. The 7.2-channel VSX-932, meanwhile, plays these spatially mixed movie soundtrack formats through a 5.2.2-channel layout.

Surround Enhancer Mode

Developed by Dolby Laboratories, Surround Enhancer*1 technology is included on the VSX-832 to replicate surround speakers' sound image. Humans perceive auditory spatiality, such as origin, direction, and distance, by processing the differences in the strength, timing, and so on, of sound as it arrives at each eardrum. Surround Enhancer creates "virtual" surround speakers with DSP algorithms that exploit this principle and Head-Related Transfer Function (HRTF). The technology works effectively not only for Dolby Atmos formats, but also with conventional audio encoded on DVD or CD up mixed for playback through a Dolby Atmos-enabled speaker system. Listeners can enjoy the "wrapped in" feeling only achievable with object audio formats using the virtual 5.1.2-channel layout. Furthermore, with Dolby Atmos-enabled front layout, 5.1.2-channel surround-sound is unlocked without ceiling or rear-speaker installation.

MCACC with Phase Control Technology

MCACC (Multi-Channel Acoustic Calibration System), developed with the expertise of professional recording studios, creates an ideal listening environment in media rooms and entertainment spaces. With the custom setup microphone, the system automatically compensates for differences in speaker size, level, and distance, and equalizes response. Additionally, Phase Control Technology eliminates phase-lag caused by the low-pass filter between main channels and subwoofer, and reproduces clearer mid- and high-range sound while adding dynamic impact to LFEs. Both technologies allow the creation of a realistic soundstage with immersive presentation of film scores and music.

Reflex Optimizer

When using Dolby Atmos-enabled speakers, high-directivity sound reflects off the ceiling, while low-directivity sound reaches the ears directly. This subtle difference causes a phase shift, making sound feel uncomfortable. Reflex Optimizer technology resolves this phase lag and optimizes the performance of Dolby Atmos-enabled speakers for clear sound imaging at the viewing position. Sound from Dolby Atmos-enabled speakers integrates seamlessly with that from the floor speakers for a clear and comfortable

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sound field.

Multiple Speaker Layouts, Powered Zone 2, and Phono Input

The VSX-932 supports 7.2-channel surround-sound with Zone 2 line output for distributed audio; 5.2-channel surround layout with Powered Zone 2 and/or Zone 2 line output; and 5.2-channel surround-sound with front-channel bi-amping and Zone 2 line output. The receiver also includes a moving-magnet (MM) phono input equalizer for turntable connection.

High-Quality 384 kHz/32-bit DACs

The VSX-832 and VSX-932 feature a high-grade 384 kHz/32-bit DAC (AK4438) from AKM. The device offers very clear and precise audio conversion with a unique output filter assuring low distortion.

Support for HDR10, Dolby Vision™, and HDCP 2.2

All HDMI terminals on both models support 4K/60p, 4:4:4 24-bit video pass-through, and the HDCP 2.2 digital copy-protection standard for playback of premium content. Video with HDR (High Dynamic Range)*6 in HDR10 or Dolby Vision formats is passed through to a compatible display, as is video supporting BT.2020 for vividly rich color performance. Super Resolution, which adopts ultra-high-resolution technology cultivated during the development of Pioneer's flagship BDP-LX88 BD player, is on board. Super Resolution is a 4K video upscaling technology suited to HD sources.

Ready for Multi-room Audio

Both AV receivers incorporate FireConnect™ technology to mirror network audio and sources connected to the AV receivers' analog inputs - from streaming services to vinyl records - on FireConnect™-compatible wireless speakers. Music selection, speaker grouping, and control are built into Pioneer Remote*7 app for iPad, iPhone, iPod touch, and Android™ phones and tablets.

Chromecast built-in Music Streaming Platform

The VSX-832 and VSX-932 come with Chromecast built-in. Stream your favorite music from your smartphone, tablet or laptop right to your speakers. Control playback anywhere in the house using Chromecast-enabled apps on your iPhone, iPad, Android phones, tablets, Chromebook™, and the Chrome™ browser on Mac, Windows®, and Linux PCs.

Support for DTS Play-Fi

DTS Play-Fi facilitates wireless streaming of any audio content from mobile devices to DTS Play-Fi-compatible components, including the VSX-832 and VSX-932 AV receivers, to create a multi-room music environment. Users can stream different sources to supported components and speaker systems at the same time using the DTS Play-Fi app.

Internet Radio and Online Music

A limitless flow of music, sports, talk, and news entertainment is ready to explore courtesy on board Internet radio and online music services including Spotify*8, TuneIn*8, TIDAL*8, and Deezer*8.

Hear Music in High Resolution

All of the popular Hi-Res Audio formats are supported over the local network and USB. This includes 192 kHz/24-bit FLAC, WAV, AIFF, and ALAC along with DSD 2.8 MHz/5.6 MHz*9. The AV receivers also play Dolby® TrueHD up to 192 kHz/24-bit via USB input.

5 GHz/2.4 GHz Dual-band Wi-Fi

High-fidelity sound sources can be played wirelessly over a Wi-Fi connection offering 5 GHz (11a/n) and 2.4 GHz (11b/g/n) bands. In busy households with many devices contributing to congestion on the 2.4 GHz band, users can select the 5 GHz channel for smooth transmission of audio files without radio-wave interference.

Bluetooth® Wireless Technology

Bluetooth wireless technology on board the VSX-832 and VSX-932 is a convenient audio streaming solution for almost any content playing on mobiles, tablets, and laptops, from audiobooks and podcasts to music played from smartphone applications.

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Intuitive Graphical User Interface with Easy Initial Setup

Pioneer's intuitive Graphical User Interface (GUI) over HDMI makes using both receivers a pleasant, stress-free experience. The top page displays System, Setup, MCACC, and Network/Bluetooth with quick access to each menu. Simple graphical display detailing receiver functions improves everyday operability, while "Setup Guidance" makes initial network setup much faster and easier than with less refined products.

Additional Features

- Compatible with Pioneer Remote app
- Includes AirPlay
- Supports HDMI-based control functions
- Efficient ECO modes

*1 Supported via a firmware update provided at a later date. Details on the firmware update will be communicated on the Pioneer website and via other media at a later date.

*2 MCACC: Multi-Channel Acoustic Calibration System (automatic acoustic calibration system). MCACC is a proprietary acoustic compensation technology from Pioneer that can perform sound field adjustment at the same level as monitoring techniques employed in sound studios.

*3 Requires a wireless LAN network environment compatible with Wi-Fi standards and a Wi-Fi-based connection.

*4 Firmware update required. Sharing audio from external analog inputs depends on the model and is enabled with a future firmware update. Sampling rates of 44.1 kHz and 48 kHz are supported. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

*5 BT.2020 is a video format standard that covers a wide color space more than twice that of the BT.709 standard currently used for Blu-ray Disc and other formats.

*6 HDR is a technology that expands the maximum brightness of video. HDR technology is used in the next-generation Blu-ray standard to expand the maximum brightness from 100 nits to 10,000 nits.

*7 Please check device and OS requirements at App Store or Google Play™.

*8 Please confirm availability of advertised services before purchase. Some services may require a paid subscription.

*9 Not supported over wireless LAN. Sound is reproduced following conversion to PCM.

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About Powermove Distribution

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