



* Image after Dolby Atmos firmware update

Upgrade your home entertainment to the next level with Pioneer's VSX-832, the first 5ch AV receiver supporting Dolby Atmos®. Enjoy a wide, enveloping soundscape with the Surround Enhancer. Ultra HD video, HDR10, and Dolby Vision present life-like images, while FireConnect™, Chromecast built-in, and DTS Play-Fi® let you stream music anywhere in the house. Limitless songs on internet radio and network streaming services are just a few taps away with the Pioneer Remote App.

Amplification

- Channels: 5
- Amplification Type: Direct Energy
- 165 W/ch (6 ohms, 1 kHz, THD 10 %, 1ch Driven)
- 80 W/ch (8 ohms, 20 Hz-20 kHz, THD 0.08 %, 2ch Driven, FTC)

Audio Features

- Dolby Atmos®*1 for 3.1.2ch/Dolby Surround*1
- Surround Enhancer*1
- DTS:X/DTS Neural:X
- Reflex Optimizer
- Dolby® TrueHD/Dolby Digital Plus
- DTS-HD Master Audio/DTS-HD High Resolution Audio/DTS 96/24/DTS-ES/DTS-HD Express
- DSD Disc (SACD) Playback via HDMI (2.8 MHz/5.1ch, 2ch)
- Digital Core Engine with Cirrus Logic (Quad Core) x1
- 384 kHz/32-bit DAC (AK4438)
- HDMI Audio Return Channel (ARC)
- MCACC Auto Room Tuning
 - Phase Control
 - Subwoofer EQ
- 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 Advance

- 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- Deep Color (36-bit), "x.v.Color"

Home Network Features

- Whole Home Audio with FireConnect*1
- Chromecast built-in*1*2
- DTS Play-Fi*1*2 Ready
- Apple AirPlay Certified
- Pandora®*3, Spotify®, TIDAL, and Deezer Music-Streaming Services Ready
- Internet Radio with 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 (except via Wireless LAN)
 - Dolby® TrueHD Playback (via USB only)

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 for Multi-room Entertainment Control and Network Streaming
- GUI with System/Network Setup Menu
- Auto Power Off in HDMI Standby Through
- AM/FM Tuner 40 Presets
- Sleep Timer
- User-Friendly Simple Remote Control

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)
- HDR10 and BT.2020 Support
- Dolby Vision Compatible
- Ultra HD Upscaling (1080p → 4K)

Front Terminals

- USB 1 In for USB Drive
- MCACC Setup MIC In
- Audio 1 In (Mini Stereo Jack)
- Phones 1 Out

Rear Terminals

- HDMI 4 In (4 Assignable)
- HDMI 1 Out
- Ethernet 1 In

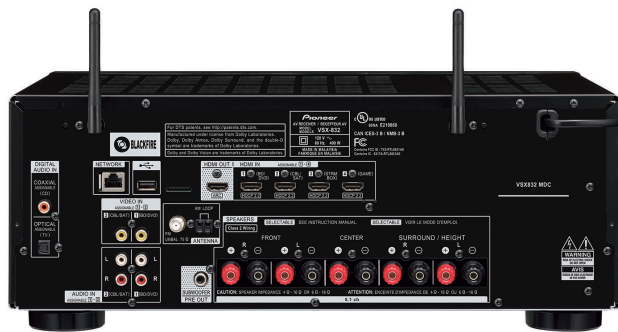
- USB 1 In for USB Drive
- AV (Composite) 2 In (Assignable)
- Digital Coaxial 1 In (Assignable)
- Digital Optical 1 In (Assignable)
- Subwoofer 1 Pre Out
- Speaker 5 ch Out (FRONT, CENTER, SURROUND)
- FM/AM Antenna

Specifications

- Power Requirements: AC 120 V, 60 Hz
- Power Consumption/Standby: 400 W/0.1 W
- Product Dimensions (W x H x D): 17-1/8 x 6-13/16 x 12-5/8 inches (435 x 173 x 320.5 mm)
- Product Weight: 18.7 lbs. (8.5 kg)
- Carton Dimensions (W x H x D): 20-5/8 x 9-3/4 x 17 inches (522 x 247 x 430 mm)
- Carton Weight: 22.1 lbs. (10 kg)
- Country of Origin: Malaysia
- UPC: 889951000839

What's in the box

- Main unit
- Setup microphone
- Remote control
- AAA size batteries x2
- AM loop antenna
- FM wire antenna
- Quick start guide
- Safety Brochure



Dolby Atmos for 3.1.2ch with Surround Enhancer

The VSX-832 supports up to 3.1.2ch Dolby Atmos*. Surround Enhancer*, developed by Dolby Laboratories, Inc., is a virtual speaker technology based on Head-Related Transfer Function (HRTF). With DSP, virtual surround speakers deliver the sound that usually comes from surround speakers. The 3.1.2ch is virtually expanded to 5.1.2ch to create 3D surround sound field. Even those who have difficulty installing rear speakers can also enjoy various audio formats** in a wide sound field with Surround Enhancer, as well as Dolby Atmos.



* Dolby Atmos and Surround Enhancer will be available with future firmware update.

** Except audio signals encoded by DTS formats

Virtual 5.1.2ch with Surround Enhancer



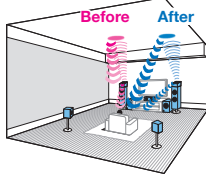
DTS:X™

DTS:X is the next-generation audio codec from DTS that leverages object-based audio to enable new immersive and interactive audio experiences. Since DTS:X can automatically adapt the audio to the existing channels and speaker system, no specific speaker layout is required. Experience an immersive soundscape with incredibly rich and life-like audio.



Reflex Optimizer

When using Dolby Atmos-enabled speakers, high directivity sound from the unit reflects off the ceiling, while low directivity sound directly reaches the ears. The different pathways cause a phase shift, making the sound feel uncomfortable. The Reflex Optimizer which uses the Phase Control technology adjusts this shift, and improves the localization of the sound image by aligning the frequencies with those of the floor speakers, creating the ideal reproduction environment.

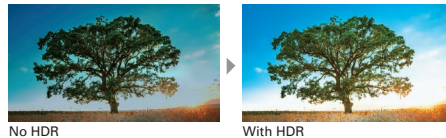


Next Generation Video Standard Ready

The VSX-832 supports pass-through for HDR10 and Dolby Vision. By connecting the source device, you can enjoy these latest video standards on a compatible display. What's more, all HDMI terminals support 4K, BT.2020, and HDCP 2.2, so you will have no problem when upgrading to new devices.



HDR Dynamic Range Expansion Image



* For illustration purpose only

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 equalizes response.



Synchronized Sound with Phase Control

As an innovative solution for the phase lag between the subwoofer and the main channel speakers caused by the bass management filter, Phase Control compensates the delayed bass to improve sound synchronization.



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 Pandora, Spotify, TuneIn, TIDAL, and Deezer.

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

FireConnect™ mirrors network audio, Bluetooth, analog, and USB sources connected to the master component and distributes them on FireConnect™ to compatible speakers and components in other rooms. Music selection, speaker grouping, and playback management across the home are built into Pioneer Remote App for iOS and Android™. * FireConnect™ is enabled with a firmware update. Sharing of audio from external 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.



Chromecast built-in

The VSX-832 features Chromecast built-in, so you can use your mobile device to stream your favorite music, radio, or podcasts to your speaker. You can control the audio from anywhere in the house using Chromecast-enabled apps running on your personal device—iPhone, iPad, Android phone and tablet, Mac and Windows laptop, and Chromebook. Discover Chromecast-enabled apps at g.co/cast/audioapps.

* Chromecast built-in will be available with future firmware update.



DTS Play-Fi®

DTS Play-Fi® wirelessly streams any audio content from any compatible mobile device to the VSX-832 and DTS Play-Fi compatible audio systems, creating a multi-room system in your home. You can stream different sources to different speakers at the same time from the DTS Play-Fi app. * DTS Play-Fi will be available with future firmware update.



Integrated Technologies



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