



In a 15 % slimmer design than the previous model, the VSX-834 is full of easy-to-use features, including the **4K indicator**, and **Personal Preset** and **Bluetooth® Input** buttons on the front panel. In addition to offering immersive sound with Dolby Atmos® and DTS:X audio formats, the AV receiver can also decode **Dolby Atmos Height Virtualizer*** and **DTS Virtual:X**, letting you experience similar virtual surround effects without using height or surround speakers. The latest video standards such as Ultra HD, HDR10, HLG, and Dolby Vision™ can be enjoyed with support for HDCP 2.2. With the Zone B feature, you can enjoy music playing in the Main Zone via wireless headphones.

AMPLIFICATION

- > Channels: 7
- > Amplification Type: Direct Energy
- > 155 W/ch (6 ohms, 1 kHz, THD 10 %, 1ch Driven)
- > 135 W/ch (6 ohms, 1 kHz, THD 1.0 %, 1ch Driven)

AUDIO FEATURES

- > Dolby Atmos®, Dolby Surround Upmixer
- > DTS:X®, DTS Neural:X® Upmixer
- > Reflex Optimizer
- > **Dolby Atmos Height Virtualizer***
- > **DTS Virtual:X**
- > 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/2ch, 5.1ch)
- > Digital Quad-Core 32-bit DSP (Cirrus Logic)
- > 384 kHz/32-bit D/A Conversion with AK4438 (AKM)
- > Audio Return Channel (ARC) on HDMI
- > MCACC Auto Room Tuning
 - Phase Control
 - **Subwoofer EQ**
- > Advanced Sound Retriever (2ch)
- > Advanced Surround Modes
 - Classical, Unplugged, Entertainment Show, Drama, Extended Stereo, Extended Mono, Front Stage Surround Advance

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, HLG and BT.2020 Wide Colour Gamut Signal Pass-through
- > Dolby Vision Compatible
- > Ultra HD Upscaling (1080p to 4K)
- > 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- > Deep Colour (36-bit), "x.v. Colour"

CONVENIENCE FEATURES

- > **Personal Preset**
- > **Dialog Enhancement**
- > **Bluetooth®** Wireless Technology (Version: 4.2 + LE, Profile: A2DP 1.2/AVRCP 1.3, Codec: SBC/AAC) Built-in
- > **User-Friendly GUI with System Setup Menu**
- > **On-Screen Information for Audio/Video Status**
- > Auto Power Off in HDMI Standby Through
- > AM/FM Tuner 40 Presets
- > Sleep Timer
- > User-Friendly Simple Remote Control

FRONT TERMINALS

- > MCACC Setup MIC In
- > Phones 1 Out

REAR TERMINALS

- > HDMI 4 In (4 Assignable)
- > HDMI 1 Out
- > USB 1 In for Streaming Dongles
- > Audio 3 In (Assignable)
- > Digital Coaxial 1 In (Assignable)
- > Digital Optical 1 In (Assignable)
- > Subwoofer 2 Pre Out
- > **ZONE B Pre/Line Out for Wireless Headphones**
- > Speaker 7ch Out (FRONT, CENTER, SURROUND, SURROUND BACK/HEIGHT, Bi-AMP/ZONE B)
- > FM/AM Antenna

SPECIFICATIONS

- > Power Requirements: AC 220-240 V, 50/60 Hz
- > Power Consumption/Standby: 480 W/0.2 W
- > Dimensions (W x H x D): 435 x 148 x 321 mm
- > Weight: 8 kg

* Available with future firmware update

REAR PANEL



VSX-834(B) MMP

Dolby Atmos®/Dolby Surround Upmixing

The VSX-834 is compatible with 5.2.2ch configuration of the latest cinema sound platform, Dolby Atmos®. You can reproduce object-oriented sound in smooth, curving movements, or the realistic three-dimensional movement overhead by the top speakers. Other audio codecs such as PCM and DSD can be upmixed using Dolby Surround for enjoying 3D surround sound.



Dolby Atmos 5.2.2ch Speaker System



DTS:X®/DTS Neural:X Upmixing

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. Other audio codecs such as PCM and DSD can be upmixed using DTS Neural:X for enjoying 3D surround sound.



DTS:X 5.2.2ch Speaker System



Dolby Atmos Height Virtualization*

When playing any Dolby format, engaging the Dolby Atmos Height Virtualizer enables a more immersive listening experience, creating a virtual surround and height effect from traditional speaker layouts without employing additional surround or height speakers.

* Function available with future firmware update

DTS Virtual:X

With DTS Virtual:X, you can enjoy a three-dimensional immersive sound similar to DTS:X, without the need of height or rear speakers. The technology supports 2 to 7.1.4-channel input source, for delivery on 2 to 5.1 or even 7.1-channel speaker layout. DTS Virtual:X works with all DTS codecs, including DTS:X.



Next Generation Video Standard Ready

The VSX-834 supports pass-through for HDR10, HLG (Hybrid Log-Gamma), and Dolby Vision signals. By connecting a compatible source device, you can enjoy these latest video standards on a compatible display. What's more, all HDMI terminals support 4K (60p/4:4:4/24-bit), Wide Colour Gamut (BT.2020), and HDCP 2.2, so you will have no problem when upgrading to new devices, and can also enjoy premium content such as 4K videos with digital copy protection.



HDR Dynamic Range Expansion Image



No HDR

With HDR

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 equalises response.



Zone B Output for Wireless Headphones

The VSX-834 is equipped with Zone B audio output terminals for expanding the Main Zone sound by connecting your wireless headphone dock. You can listen to the sound playing in the living room via wireless headphones.



Built-in Bluetooth® Wireless Technology

Stream songs from compatible devices with the built-in Bluetooth® Wireless Technology (ver. 4.2 + LE). The VSX-834 features A2DP/AVRCP profiles, with support for SBC/AAC codecs. By pressing the Bluetooth button on the front panel, you can directly start up the BT function, even when the unit is in standby.



Personal Preset

Just press the Personal Preset button on the front panel for three seconds, and your current settings such as volume level and listening mode can be saved. Up to three presets can be registered and easily called up from the front panel button or the remote control.

Dialog Enhancement

With this unique mid-range sound control feature, you can make independent volume adjustments to the range including dialogues in films, with the up/down key on the remote control.

On-Screen Information for Audio/Video Status

The screen display now shows detailed input and output information for the playing content. So you can see whether your video is being output by Dolby Vision, or if the movie is processing Dolby Atmos or DTS:X sound.



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