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Indulge yourself in 5.2.2ch surround sound created by Dolby Atmos® or DTS:X, and even without height or surround speakers, you can still experience similar effects by **Dolby Atmos Height Virtualizer*1** and **DTS Virtual:X*1**. Enjoy superior images with Ultra HD, HDR10, HLG, and Dolby Vision™ pass through and support for HDCP 2.2. You can also stream songs from various sources via Wi-Fi, **Bluetooth®**, DTS Play-Fi, SONOS system, and **Apple AirPlay 2*1**. Other highlights include Powered Zone 2 feature with a dedicated DAC, **Personal Preset buttons**, and **2 HDMI outputs**.

Amplification

- › Channels: 7
- › Amplification Type: Direct Energy
- › 170 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®, Dolby Surround Upmixer supports DTS Formats
- › DTS:X®, DTS Neural:X® Upmixer supports Dolby Formats
- › Reflex Optimizer
- › **Dolby Atmos Height Virtualizer*1**
- › **DTS Virtual:X*1**
- › Dolby® TrueHD, Dolby Digital Plus
- › DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS 96/24, DTS-ES, DTS Express
- › DSD Disc (SACD) Playback via HDMI (2.8 MHz/2ch, 5.1 ch)
- › Digital Quad-Core 32-bit DSP (Cirrus Logic)
- › 384 kHz/32-bit D/A Conversion with AK4458 (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, Advanced Game, Action, Rock/Pop, Sports, 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 Color Gamut Signal Pass-through
- › Dolby Vision Compatible
- › Ultra HD Upscaling (1080p to 4K)
- › 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- › Deep Color (36-bit), "x.v. Color"

Home Network Features

- › FlareConnect™ for Multi-room Audio
- › DTS Play-Fi with Pioneer Music Control App
- › **Apple AirPlay 2*1**
- › Works with SONOS
- › Amazon Music, Pandora®, Spotify, TIDAL, and Deezer Hi-Fi Music-Streaming Services Ready*2
- › Internet Radio with TuneIn
- › Hi-Res Audio File Playback via USB/Network
 - Up to 192 kHz/24-bit ALAC*3, AIFF, FLAC, WAV (RIFF) and 5.6 MHz DSD*4

Convenience Features

- › **Personal Preset**
- › **Dialog Enhancement**
- › Dual Band (5 GHz/2.4 GHz) Wi-Fi® Built-in
- › **Bluetooth®** Wireless Technology (Version: 4.2 + LE, Profile: A2DP 1.2/ AVRCP 1.3, Codec: SBC/AAC) Built-in
- › Pioneer Remote App*5 Ready for Multi-room Entertainment Control and Network Streaming
- › 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

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

Rear Terminals

- › HDMI 6 In (4 Assignable)
- › HDMI 2 Out (1 for MAIN, 1 for SUB)
- › Ethernet 1 In
- › USB 1 In for USB Drive
- › Audio 4 In (Assignable)

- › Phono (MM) 1 In
- › Digital Coaxial 1 In (Assignable)
- › Digital Optical 1 In (Assignable)
- › Subwoofer 2 Pre Out
- › **ZONE B Line Out for Wireless Headphones**
- › Speaker 9ch Out (FRONT, CENTER, SURROUND, SURROUND BACK/HEIGHT/ Bi-AMP, ZONE 2)
- › IR 1 In
- › 12 V Trigger 1 Out
- › RS-232C
- › FM/AM Antenna

Specifications

- › Power Requirements: AC 120 V, 60 Hz
- › Power Consumption/Standby: 460 W/0.15 W
- › Dimensions (W x H x D): 17-1/8 x 6-13/16 x 14-9/16 inches (435 x 173 x 370.5 mm)
- › Weight: 20.7 lbs. (9.4 kg)
- › Carton Dimensions: 21-1/8 x 10-7/16 x 18-1/16 inches (536 x 265 x 458 mm)
- › Carton Included Weight: 26.5 lbs. (12.0 kg)

*1 Available with future firmware update *2 Service availability depends on country or region *3 Up to 96 kHz supported via wireless LAN *4 Converted to PCM. Not guaranteed via wireless LAN *5 Available for free download from the App Store/The Google Play



VSX-LX104(B) UPC: 889951001706

Dolby Atmos®/Dolby Surround Upmixing

The VSX-LX104 is compatible with 5.2.2ch configuration of the latest theater 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.



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 dialogs in films, with the up/down key on the remote control.

Integrated Technologies



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Next Generation Video Standard Ready

The VSX-LX104 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 Color 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 equalizes response.



Works with SONOS

By connecting the VSX-LX104 to Sonos Connect, you can play any music or audio source on your Sonos app. You can group the VSX-LX104 with other Sonos devices on the network, or use it independently. The AV receiver will automatically turn on and switch input as soon as you play music on your Sonos app.



Powered Zone 2 with Dedicated DAC

With the powered feature, the VSX-LX104 can directly drive speakers in another room, without the need for a separate amplifier. What's more, the dedicated DAC for Zone 2 lets you listen to all digital audio sources.



Zone B Output for Wireless Headphones

The VSX-LX104 is equipped with Zone B audio output terminals for expanding the Main Zone sound. 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-LX104 features A2DP/AVRCP profiles, with support for SBC/AAC codecs. With Wake on Play function, the AV receiver automatically wakes up and switches input when a Bluetooth source starts playing.



Apple AirPlay 2*

Apple AirPlay 2 lets you effortlessly stream music or podcasts to speakers throughout your house using any Apple device or by asking Siri, and it all stays in perfect sync.

* Function available with future firmware update