



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](#) and [DTS Virtual:X](#). Enjoy superior images with Ultra HD, HDR10, HLG, and Dolby Vision™ pass through. Plus, the VSX-LX105 supports [HDMI 2.1](#) (HDMI IN 1-3) for 8K pass-through, VRR, ALLM, QFT for next-generation video and gaming with HDCP 2.3. You can also stream songs from various sources via Wi-Fi, [Bluetooth®](#), DTS Play-Fi, Sonos system, and [Apple AirPlay 2](#)*1. It is Roon Tested, making music streaming easy from AV equipment. Other highlights include Powered Zone 2 feature with a dedicated DAC, [Personal Preset buttons](#), [2 HDMI outputs](#), and it [works with Alexa](#) for voice control.

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](#)
- > [DTS Virtual:X](#)
- > 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, 5.1ch)
- > Digital Quad-Core 32-bit DSP (Cirrus Logic)
- > 192 kHz/24-bit D/A Conversion
- > Enhanced Audio Return Channel (eARC) on HDMI OUT (MAIN)
- > 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, Mono Music, Front Stage Surround Advance

Video Features

- > Support HDMI 2.1 (HDMI IN 1-3) with 8K Pass-through, VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QFT (Quick Frame transport), DSC (Display Stream Compression), QMS (Quick Media Switching), and eARC (Main Out)

- > Supports HDR10+, HDR10, and HLG; 4:4:4/24-bit and BT.2020 color; DeepColor™ (36-bit), "x.v.Color", LipSync, and HDCP 2.3
- > Dolby Vision Compatible
- > Ultra HD Upscaling (1080p to 4K)
- > 3D Ready (Blu-ray Disc™, Broadcast, and Games)

Home Network Features

- > Works with Hey Google and Chromecast built-in
- > DTS Play-Fi with Pioneer Music Control App
- > [Apple AirPlay 2](#)*1 with [Siri Voice Control](#)
- > Works with SONOS supporting multiple Sonos Connect control and Volume Pass Through mode
- > 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, Profile: A2DP 1.2/AVRCP 1.3, Codec: SBC/aptX/aptX HD (TX), SBC/AAC(RX)) 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
- > Web Setup
- > 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/ZONE 2)
- > 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 2 Pre/Line Out/ZONE B Line Out](#)
- > Speaker 9ch Out (FRONT, CENTER, SURROUND/HEIGHT, HEIGHT/SURROUND BACK/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: 635 W/0.1 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: 21.6 lbs. (9.8 kg)
- > Carton Dimensions: 21-1/8 x 10-7/16 x 18-1/16 inches (536 x 265 x 458 mm)
- > Carton Included Weight: 27.6 lbs. (12.5 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

PRELIMINARY SPECIFICATIONS



VSX-LX105(B) UPC: 889951003519

HDMI 2.1 for a powerful viewing and gaming experience

HDMI 2.1 ensures all HDMI terminals support 8K (60p/4:4:4/24-bit) video passthrough to compatible displays, as well as HDCP 2.3 so you will have no problem when upgrading to new devices. HDMI 2.1 also supports VRR (Variable Refresh Rate) to eliminate lag, stutter and frame-tearing to deliver a fluid gaming experience. Various enhancements such as ALLM (Auto Low Latency Mode) and QFT (Quick Frame Transport) help to optimize latency and further limit lag to ensure you'll always be on top of your game.



COMPATIBLE WITH



Dolby Atmos®/Dolby Surround Upmixing

The VSX-LX105 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.

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.

Integrated Technologies



*PIONEER, MCACC, Phase Control, Advanced Sound Retriever, and the logos are registered trademarks of Pioneer Corporation, and are used under license. *The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator Inc. in the United States and other countries. *Dolby, Dolby Atmos, Dolby Surround, Dolby Vision, and the double-D symbol are registered trademarks of Dolby Laboratories. *For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS, Inc. DTS, the Symbol, DTS and the Symbol together, DTS:X, Virtual:X, Play-Fi, the DTS:X logo, the DTS Play-Fi logo, and the DTS Virtual:X logo are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved. *Apple, AirPlay and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. *App Store is a service mark of Apple Inc. *Wi-Fi is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. *The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. *x.v.Color™ is a trademark of Sony Corporation. *Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. used with permission. *Spotify and the Spotify logo are trademarks of the Spotify Group, registered in the U.S. and other countries. *The product with the Hi-Res Audio logo is conformed to Hi-Res Audio standard defined by Japan Audio Society. The logo is used under license from Japan Audio Society. *Blu-ray Disc™, Blu-ray™, Ultra HD Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association. *Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. *Google, Chromecast Built-in, and related marks and logos are trademarks of Google LLC. The Google Assistant requires an internet connection and is not available in certain languages or countries. Controlling certain devices in your home requires compatible smart devices. Subscriptions for services and applications may be required and additional terms, conditions and/or charges may apply. *The HDR10+™ logo is a trademark or registered trademark of HDR10+ Technologies, LLC in the United States and other countries. *Dirac Live™ is a registered trademark of Dirac Research AB protected by Swedish and international trademark laws and treaties. *Roon is a trademark of Roon, LLC, registered in the U.S. and other countries.

All other trademarks and registered trademarks are the property of their respective holders.

Dialog Enhancement

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

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 bringing the VSX-LX105 into the Sonos eco-system with Connect or Port, you can play any music or audio source on your Sonos app. With "Volume Pass Through" mode selected at the Sonos App settings, you'll be able to control the volume of the unit by Sonos app or by itself. Enjoy high-quality playback from the AV receiver by Sonos app, just as you would with your favorite Sonos system. *Connection of maximum 2 Sonos devices is supported



Powered Zone 2 with Dedicated DAC

With the powered feature, the VSX-LX105 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-LX105 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). The VSX-LX105 features A2DP/AVRCP profiles, supporting SBC/aptX/aptX HD codecs for transmitter and SBC/AAC codecs for receiver. Not only you can listen music with the receiver via Bluetooth, but also listen to the main source sound of the receiver with a high-quality codec using compatible headphones. With Wake on Play function, the AV receiver automatically wakes up and switches input when a Bluetooth source starts playing.



Voice Control

The VSX-LX105 features work with Google Assistant, so you can control playback of various music services supported by Chromecast by asking a Google Assistant enabled device to play, stop, skip, or take the volume up or down. This receiver also works with Alexa, so you can also use voice commands to control music services supported by Alexa built-in devices. Thanks to both voice controls, you can easily operate and enjoy music services or Internet radio with your voice, without using a remote control or smartphone app.



© 2020 Onkyo & Pioneer Corporation. All rights reserved. Note: Specifications and design subject to change without notice.