



The Elite® SC-LX501 featuring 7.2-ch Direct Energy HD amplifier is fully-equipped for the latest multi-dimensional surround sound formats, DTS:X® and Dolby Atmos®, featuring the Reflex Optimizer for Dolby enabled speakers. With Ultra HD (4K/60p/4:4:4) upscaling/pass-through and HDR10/Dolby Vision™\*/BT.2020 standards ready, images are ever more impressive. In addition to internet radio and various network streaming services, with FlareConnect™ and Chromecast built-in you can use your mobile device to stream your favorite music to your receiver. The multi-zone feature supports powered ZONE 2 output.

\*Available with future firmware update.

### Amplification

- › Channels: 7
- › Amplification Type: Class D<sup>3</sup> (Direct Energy HD)
- › 560 W Multi-ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)
- › 180 W/ch (6 ohms, 1 kHz, THD 0.9 %, 1ch Driven FTC)
- › 120 W/ch (8 ohms, 20 Hz-20 kHz, THD 0.08 %, 2ch Driven FTC)

### Construction Design

- › Fan-less Cooler Design
- › Anti-Standing Wave Insulator

### Audio Features

- › Dolby Atmos®/Dolby Surround
- › DTS:X\*1/DTS Neural:X\*1
- › 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 Direct Playback via Network/USB (11.2, 5.6, 2.8 MHz/2ch)
- › 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 (AK4458)
- › HDMI Audio Return Channel (ARC)
- › MCACC Auto Room Tuning
  - Phase Control
  - Subwoofer EQ (4 Band)
- › 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, Auto Surround

### 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)
- › HDR(HDR10/Dolby Vision\*1) and BT.2020 Pass-through Support
- › Ultra HD Upscaling (1080p → 4K)
- › 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- › Deep Color (36-bit), "x.v.Color"

### Home Network Features

- › FlareConnect™\*1 for Multi-room Audio
- › Chromecast built-in\*1\*2
- › Apple AirPlay Certified
- › Pandora®\*3
- › Spotify Digital Music-Streaming Service Ready\*4
- › Internet Radio with TuneIn
- › TIDAL Music Streaming Service Ready\*1
- › Deezer\*1
- › Hi-Res Audio File Playback via USB/Network
  - Up to 192 kHz/24-bit ALAC, AIFF, FLAC, WAV
  - 11.2/5.6/2.8 MHz DSD Playback
  - Dolby® TrueHD Playback (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)
- › iControlAV5 Remote Control App Ready (iOS/Android™)\*5
- › New 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

### Front Terminals

- › HDMI 1 In
- › USB 1 In for USB Drive
- › MCACC Setup MIC In
- › Phones 1 Out

### Rear Terminals

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

- › AV (Component) 1 In (Assignable)
- › AV (Composite) 2 In (Assignable)
- › Audio 1 In (Assignable)
- › Phono (MM) 1 In
- › Digital Coaxial 1 In (Assignable)
- › Digital Optical 2 In (Assignable)
- › Subwoofer 2 Pre Out
- › Zone 2 Pre/Line Out
- › Speaker 9 ch Out (FRONT, CENTER, SURROUND, SURROUND BACK/ZONE 2/BI-AMP, HEIGHT/SP B)

- › IR 1 In/1 Out
- › 12 V Trigger 2 Out/RS-232C
- › FM/AM Antenna

### Specifications

- › Power Requirements: AC 120 V, 60 Hz
- › Power Consumption/Standby: 250 W/0.15 W
- › Dimensions (W x H x D): 17-1/8 x 7-5/16 x 15-9/16 inches (435 x 185 x 395 mm)
- › Weight: 26 lbs. (11.8 kg)

\*1 Available with firmware update \*2 Chromecast-enabled apps required \*3 Service only available in the U.S.

\*4 For service availability in your country, check www.spotify.com \*5 Available for free download from the App Store/the Google Play



SC-LX501(B) UPC: 889951000174

## CUSTOM CONTROL PARTNERS



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## Multi-Dimensional Excitement with Dolby Atmos®

The SC-LX501 is compatible with **DOLBY ATMOS®** 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.

### Dolby Atmos 5.2.2ch Speaker System



## DTS:X® Ready

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.



\* DTS:X will be available with firmware update.

## Chromecast built-in

The SC-LX501 comes with 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](http://g.co/cast/audioapps).



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

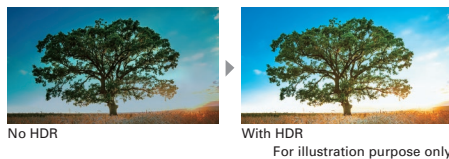
## Ultra HD (4K/60p/4:4:4/24-bit) Upscaling/Pass-Through with HDCP 2.2

The feature lets you take advantage of the highest-quality video source for viewing on a 4K TV. With support for HDCP 2.2, you can enjoy premium content such as 4K videos with digital copy protection on a compatible display. What's more, the SC-LX501 is ready for the HDR10/Dolby Vision™\* and BT.2020 next generation video standards.



\* Supports up to 4K/60p/4:4:4/24-bit with HDCP 2.2 on HDMI IN 1/2/3 and HDMI OUT 1/2. Dolby Vision will be available with future firmware update.

### HDR Dynamic Range Expansion Image



## 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.



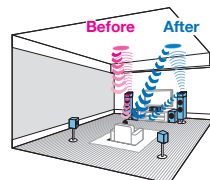
## Synchronized Sound with Phase Control

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



## Reflex Optimizer

High directivity sound reflects off the ceiling, while low directivity sound directly reaches the ears. This difference causes a phase shift, making the sound feel uncomfortable.



To solve this, the new technology optimizes the performance of your up-firing elevation speakers for your listening environment, by aligning the phase of direct and indirect sound, matching the basic tone, and optimizing the upward-oriented frequencies. The result is overall seamless sound with Dolby enabled speakers, allowing the ideal reproduction of three-dimensional surround sound.

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

FlareConnect™\* shares audio from network and external audio input sources between compatible components. Enjoy effortless multi-room playback of LP records, CDs, network music services, and more with supported components and speaker systems. Music selection, speaker grouping, and playback management across the home are built into the Pioneer Remote App\*\*.

\* Sharing audio from external inputs is enabled with a future firmware update. External audio inputs supporting FlareConnect may differ depending on model. Please consult individual product specification for more information.

\*\* Download free from the App Store or Google Play.



## Integrated Technologies



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