



The Elite® SC-LX801 featuring 9.2-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 Atmos-enabled speakers. With Ultra HD (4K/60p/4:4:4) upscaling/pass-through and HDR10/Dolby Vision™\*/BT.2020 standards pass-through ready, images are ever more impressive. In addition to internet radio and various network streaming services, with FlareConnect™, Chromecast built-in and DTS Play-Fi® you can use your mobile device to stream your favorite music to your receiver. The multi-zone feature supports powered ZONE 2/ZONE 3 output.

\*Available with future firmware update.

## Amplification

- › Channels: 9
- › Amplification Type: Class D<sup>3</sup> (Direct Energy HD)
- › 770 W Multi-ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)
- › 200 W/ch (6 ohms, 1 kHz, THD 0.9 %, 1ch Driven FTC)
- › 140 W/ch (8 ohms, 20 Hz-20 kHz, THD 0.08 %, 2ch Driven FTC)

## Construction Design

- › Advanced Direct Construction
- › Rigid Trans-Stabilizer
- › Anti-Standing Wave Insulator

## Audio Features

- › AIR Studios Sound Tuning
- › Dolby Atmos®/Dolby Surround
- › 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 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 DSP Engine Analog Devices Sharc x2+TI Aureus x1
- › ESS SABRE<sup>32</sup> Ultra DAC (ES9016S)
- › HDMI Audio Return Channel (ARC)
- › MCACC Pro Auto Room Tuning
  - Full Band 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 Advance, 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\*) 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
- › DTS Play-Fi\*1
- › Apple AirPlay Certified
- › Pandora®\*3
- › Spotify, Tidal\*1, and Deezer\*1 Music Streaming Services Ready\*4
- › Internet Radio (TuneIn)
- › 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)
- › Pioneer Remote App Ready (iOS/Android™)\*5
- › 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 7 In (4 Assignable)
- › HDMI 2 Out (1 for MAIN, 1 for Zone 2/SUB)
- › Ethernet 1 In

- › AV (Component) 2 In (Assignable)
- › AV (Composite) 2 In (Assignable)
- › Audio 2 In (Assignable)
- › Phono (MM) 1 In
- › Digital Coaxial 2 In (Assignable)
- › Digital Optical 3 In (Assignable)
- › Subwoofer 2 Pre Out
- › Zone 2/Zone 3 Pre/Line Out
- › Speaker 11 ch Out (FRONT, CENTER, HEIGHT 2/ZONE 2/SP-B, SURROUND BACK, SURROUND, HEIGHT 1/BI-AMP/ZONE 3)

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

## Specifications

- › Power Requirements: AC 120 V, 60 Hz
- › Power Consumption/Standby: 320 W/0.15 W
- › Dimensions (W x H x D): 17-1/8 x 7-5/16 x 17-1/3 inches (435 x 185 x 441 mm)
- › Weight: 39.5 lbs. (17.9 kg)

\*1 Available with firmware update \*2 Chromecast-enabled apps required \*3 Service only available in the U.S. \*4 Service availability depends on region

\*5 Available for free download from the App Store/the Google Play



SC-LX801(B) UPC: 889951000204

## CUSTOM CONTROL PARTNERS



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## Multi-Dimensional Excitement with Dolby Atmos®

The SC-LX801 is compatible with 7.2.2ch/5.2.4ch 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 7.2.2ch Speaker System



## 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.



## Chromecast built-in

The SC-LX801 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).



\* Available with firmware update.

## DTS Play-Fi®

DTS Play-Fi® wirelessly streams any audio content from any compatible mobile device to the SC-LX801 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 Pioneer Music Control App.



\* Available with firmware update.

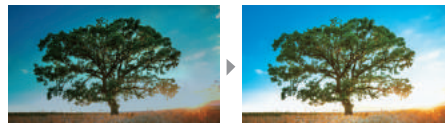
## Next-Generation Video Standard Ready

The SC-LX801 supports pass-through for Dolby Vision® and HDR10 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.



\* 6G Video, HDR, HDCP 2.2 supported on HDMI IN 1/2/3/4/5 and HDMI OUT 1/2. Dolby Vision will be available with future firmware update.

HDR Dynamic Range Expansion Image



For illustration purpose only

## MCACC Pro Auto Room Tuning

MCACC Pro, the pinnacle of Pioneer's auto room tuning technology, analyzes the phase and group delay characteristics to precisely control phase differences between speakers. MCACC Pro corrects phase differences in all ranges and all channels, from phase difference in the original audio material to the sound emitted from the speakers.



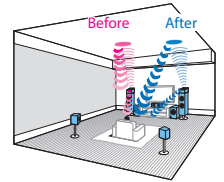
## Full Band Phase Control

Pioneer's Phase Control technology effectively eliminates phase lag and significantly improves the multi-channel sound without any extra operation. Furthermore, The Full Band Phase Control technology focuses on the group delay in the speaker network filter, and adjusts the phase of each unit as well as the group delay for each speaker. Multi-range speakers gain the sound coherence of full-range speakers, while retaining the wide frequency range advantage. In an environment where the phase of all units and all channels are precisely controlled, a remarkably clear sound location with a surrounding feel is achieved. In combination with MCACC Pro, the ideal multi-channel reproduction environment can be created, which faithfully replicates object audio and the intention of the directors.



## 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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