The Elite® SC-LX901 featuring 11.2-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 HDR/BT.2020 standards ready, images are ever more impressive. In addition to internet radio and various network streaming services, with 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/ZONE 3 output.

**Amplification**
- Channels: 11
- Amplification Type: Class D³ (Direct Energy HD)
- 850 W Multi-ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)
- 200 W/ch (6 ohms, 1 kHz, THD 1.0 %, 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 Engine with Cirrus Logic (Quad Core) x1
- ESS SABRE™ Ultra DAC (ES9016S)
- HDMI Audio Return Channel (ARC)
- MCACC Pro Auto Room Tuning
  - Full Band Phase Control
  - Precision Distance
  - 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**
- HDR and BT.2020 Support
- Ultra HD Upscaling (1080p → 4K)
- 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- Deep Color (36-bit), “x.v.Color”

**Home Network Features**
- FireConnect™*1 for Multi-room Audio
- Chromecast built-in*1*
- Apple AirPlay Certified
- Spotify®, Tidal®, and Deezer® 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)
- 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 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 Out
- Speaker 11 ch Out (FRONT, CENTER, HEIGHT 2/ZONE 2/SP-B, SURROUND BACK, HEIGHT 1/Bi-AMP/ZONE 3)
- 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: 340 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: 39.7 lbs. (18.0 kg)

*¹ Available with future firmware update  
*² Chromecast-enabled apps required  
*³ Service only available in the U.S., Australia, and New Zealand  
*⁴ Service availability depends on region  
*⁵ Available for free download from the App Store/the Google Play™
Multi-Dimensional Excitement with Dolby Atmos®

The SC-LX901 is compatible with 7.2.4ch/7.2.2ch/5.2.4ch configuration of the latest theater sound platform, Dolby Atmos®. You can reproduce object-oriented sound, including curving movements, or the realistic three-dimensional movement overhead by the top speakers.

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 playing protected 4K videos with digital copy protection on a compatible display. What’s more, the SC-LX901 is ready for the HDR (High Dynamic Range) and BT.2020 next generation video standards.

* Supports up to 4k/60p/4:4:4/24-bit with HDCP 2.2 on HDMI IN 1/2/3/4/5 and HDMI OUT 1/2.

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

FireConnect™ mirrors network audio and external analog sources connected to the master component—from streaming services to vinyl records—on FireConnect™-compatible speakers in other rooms. Music selection, speaker grouping, and playback management across the home are enabled with a firmware update. Sampling rates of 44.1 kHz and 48 kHz are supported.

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.

Fixed Band Phase Control

No HDR

With HDR

* For illustration purpose only

Made for iPod iPhone iPad

AirPlay, DTS:X, Chromecast built-in, Reflex Optimizer, MCACC Pro, DOLBY ATMOS, DOLBY ATMOS® REFLEX OPTIMIZER, CHROMCAST BUILT-IN, ULTRA HD Blu-ray™, 4K Ultra HD, Hi-Res Audio, HDMI, and the logos are registered trademarks of HDMI Licensing LLC. The terms Bluetooth® and Bluetooth® word mark are registered trademarks owned by Bluetooth SIG, Inc. The terms Wi-Fi®, Wi-Fi CERTIFIED™, the Wi-Fi CERTIFIED logo, and the Wi-Fi CERTIFIED logo are certification marks of the Wi-Fi Alliance. AirPlay is a service mark of Apple Inc. Chromebook™ is a registered trademark of Google Inc. MCACC Pro is a registered trademark of Onkyo & Pioneer Corporation. The logos of Chromebook™, Spotify®, and Hi-Res Audio are used under license from Japan Audio Society. The DOLBY ATMOS® logo is enabled with a future firmware update. FireConnect™ is enabled with a firmware update. Sharing of audio from external inputs depends on the model and is enabled with a future firmware update. DTS® is a registered trademark of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved. DTS, DTS logo, DTS:X, the Symbol, DTS in combination with the Symbol, DTS:X, the Symbol are trademarks of DTS, Inc. in the United States and other countries. © 2017 Onkyo & Pioneer Corporation. All rights reserved. Note: Specifications and design subject to change without notice.