Pioneer

9.2-ch Class D Network AV Receiver

SC-LX801(B)

The SC-LX801 featuring 9.2-ch Class D 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/passthrough and HDR/BT.2020 standards ready, images are ever more impressive. In addition to internet radio and various network streaming services, with Google Cast™ built-in you can use your mobile device to cast your favorite music to your receiver. The multizone feature supports powered ZONE 2/ZONE 3 output.

AMPLIFICATION
› Channels: 9
› Amplification Type: Class D (Direct Energy HD)
› 810 W Multi-ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)
› 270 W/ch (4 ohms, 1 kHz, 1ch Driven IEC)
› 200 W/ch (8 ohms, 1 kHz, 1ch Driven IEC)

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^{32} 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, 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 and BT.2020 Support
› Ultra HD Upscaling (1080p → 4K)
› 3D Ready (Blu-ray Disc™, Broadcast, and Games)
› Deep Colour (36-bit), "x.v.Colour"

HOME NETWORK FEATURES
› FireConnect™*[1] for Multi-room Audio
› Google Cast*[1]*[2]
› Apple AirPlay Certified
› Spotify®, Tidal*[1], and Deezer*[1] Music Streaming Services Ready*[3]
› 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)*[4]
› iControlAV5 Remote Control App Ready (iOS/Android)*[4]
› 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/Line Out
› Speaker 11 ch Out (FRONT, CENTER, HEIGHT 2/ZONE 2/SP-B, SURROUND BACK, SURROUND, 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 220-230 V, 50/60 Hz
› Power Consumption/Standby: 320 W/0.15 W
› Dimensions (W x H x D): 435 x 185 x 441 mm
› Weight: 18.1 kg

*[1] Available with future firmware update   *[2] Compatible apps required   *[3] Service availability depends on region   *[4] Available for free download from the App Store/the Google Play™

SC-LX801(B)/MGP

Multi-Dimensional Excitement with Dolby Atmos®

The SC-LX801 is compatible with 7.2.2ch/5.2.4ch configuration of the latest cinema sound platform, Dolby Atmos®. You can reproduce objectoriented 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.

Google Cast

The SC-LX801 has Google Cast, the same technology behind Chromecast builtin, so you can use your mobile device to cast your favorite music, radio, or podcasts to your speaker. You can control the audio from anywhere in the house using Cast-enabled apps running on your personal device—iPhone, iPad, Android phone and tablet, Mac and Windows laptop, and Chromebook. Discover Cast-enabled apps at g.co/cast/audioapps.

* Google Cast will be available with future 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-LX801 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 (MAIN/SUB).

HDR Dynamic Range Expansion Image
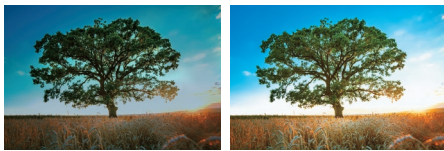
No HDR   With HDR
* For illustration purpose only

MCACC Pro Auto Room Tuning

MCACC Pro, the pinnacle of Pioneer's auto room tuning technology, analyses 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.

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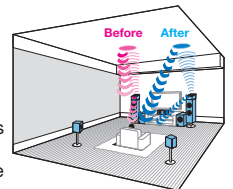
Multi-room Audio Offers a Variety of Ways to Enjoy Music

The SC-LX801 will support FireConnect™ Powered by Blackfire* with future firmware update. FireConnect is a stable wireless protocol that mirrors any audio source connected to the receiver—from vinyl to streaming audio—on optional FireConnect compatible speakers** in other rooms.

* Multi-room Audio is realized by FireConnect technology. FireConnect is a technology of Blackfire Research Corp, USA. We do not guarantee that the AV Receiver will support all devices incorporating FireConnect.

** FireConnect compatible speakers will be released going forward.