Pioneer

SC-LX904 AV Receiver 11.2ch black

246165

The SC-LX904 comes with the 6th generation of the Direct Energy HD Amplifier and two ES9026PRO DACs, and is the befitting AV receiver to combine with Pioneer's flagship universal disc player. MCACC Pro Auto Room Tuning technology featuring Full Band Phase Control brings out the best from the 3D surround sounds of IMAX Enhanced, Dolby Atmos, and DTS:X, while PQLS jitter-less transmission provides rich, lifelike audio. The new Audio Exclusive Mode and AV Direct Mode let you enjoy detailed sound by turning off the unused functions that affect quality sound reproduction.

Colour

PRODUCT DETAILS

Direct Energy HD Amplifier
Continuously evolving throughout the years, Pioneer's Direct Energy HD Amp has now reached the 6th generation. New power coils are adopted for the ideal speaker drive, as well as new custom film capacitors co-developed with Shinyei Capacitor for the ultimate sound. The power supply and patterning has been developed through repeated tuning. Also, the entire transmission path from the pre stage to the power stage has been changed to balanced circuitry, to transmit noise-free high-quality signals to the power stage.

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.

IMAX Enhanced
The SC-LX904 is IMAX Enhanced, certified to deliver the powerful sound just as intended by the filmmaker, and provide the immersive experience on your home theater.

ESS 384 kHz/32-bit DAC
Two 384 kHz/32-bit ESS DACs (ES9026PRO), same as the ones used for Pioneers PD-70AE SACD player, are used for all channels. With extremely precise D/A conversion and high S/N ratio, the DAC provides

powerful sound full of rich details.

Dolby Atmos/Dolby Surround Upmixing
The SC-LX904 is compatible with 7.2.4ch/7.2.2ch/5.2.4ch configuration of 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.

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 lifelike audio. Other audio codecs such as PCM and DSD can be upmixed using DTS Neural:X for enjoying 3D surround sound.

Full Band Phase Control
The 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. The technology gives multi-range speakers the sound coherence of full-range speakers, while retaining the wide frequency range advantage.

2 Subwoofer Pre-Out
You can connect two powered subwoofers and set the volume level for each one at different levels.

PQLS Jitterless Sound Transmission
With the precision quartz controller on the AV receiver, Precision Quartz Lock System (PQLS) eliminates distortion caused by timing errors. It controls the amount of audio signals from the AV receiver to the Pioneer universal disc player connected via HDMI, giving the best possible digital-to-analogue conversion.

PQFA Jitterless Sound Processing for Network/USB
With PQFA (Precision Quartz File-based Audio), clocks are available for each stage of input, digital signal processing, and D/A conversion, and the shorter path prevents jitter from occurring. Additionally, a high-precision clock IC (OSC) is used to realise D/A conversion with significantly less jitter.

Audio Exclusive Mode
Interference from video signals is eliminated by turning off the video signal path via HDMI. You can enjoy detailed sound, full of spatial feel.

AV Direct Mode
The feature turns off the network functions to suppress digital noise within the AV receiver, and improves sound quality for analogue playback, digital input, HDMI playback etc. Mode 1 turns off the network module operation clock, while Mode 2 shuts down the network power completely for more superior sound.

Works with Alexa
Works with Alexa makes you control SC-LX904 with your voice via Alexa-enabled device such as the Amazon Echo, to play, pause, and skip titles or control the volume. You can enjoy the music via streaming service such like Amazon Music by selecting song title, artist name, release year, and genre.

Next Generation Video Standard Ready
The SC-LX904 supports pass-through for HDR10, HLG (Hybrid Log-Gamma), and Dolby Vision 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 Colour Gamut (BT.2020), and HDCP 2.3, 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.

Anti-Standing Wave Insulators
The Anti-Standing Wave Insulator features a special form with no parallel sides inside to prevent cavity resonance. This makes the sound localisation, tone, and scale clearer, while also enhancing the response to quick sound.

AC Inlet Type Thick Cable
A thick AC inlet type power cable is included to provide superior sound.

Specs

Product Attributes

EAN:	4573211157963
Manufacturer number:	SC-LX904(B)MGP
Product weight:	18.3 kilograms

Radio Reception

Reception type	FM AM Internet Radio
Presets:	40
Radio frequency (FM)	87.5-108

Video Codecs & Formats

Max. resolution:	4K UHD
Max. upscaling:	1080p to 4K
Codecs:	HDR 10 HLG Dolby Vision BT.2020

Video Connections

HDMI in:	7
Component In:	2
Composite In:	2
HDMI out:	3

Audio Inputs

Coaxial:	2
HDMI 2.0:	7
Optical/Toslink:	3
Phono (MM):	1
Input level & impedance phono (MM):	3.5 mV/47 k
RCA:	6
Input level & impedance RCA:	200 mV/82 k
Ethernet:	1
USB 2.0:	2

Amplification

Rated output (6):	215
THD at rated ouput (6):	1
S/N ratio:	108
Speaker impedance:	4-16
S/N ratio phono:	90
Zones:	3
Channels:	11.2 7.2.4
12 volt trigger:	Out

Audio Outputs

6.3mm jack:	1
Power & impedance 6.3mm jack:	57 mW + 57 mW (32 , 1 kHz, 10% THD)
HDMI 2.0:	2
HDMI 2.0 (eArc):	1
RCA:	8
Output level & impedance RCA:	1 V/470 (PRE OUT) 200 mV/1.2k (ZONE B/ZONE 2 /ZONE 3 LINE OUT) 2 V/1.2k (ZONE 2 / ZONE 3 PRE OUT)
Subwoofer pre-out:	2
Output level & impedance subwoofer:	1 V/470

Audio Codecs & Formats

Codecs & certifications:	Dolby Atmos Dolby Digital Dolby TrueHD DTS:X DTS-HD Master Audio Imax Enhanced
Room correction:	MCACC
Supported file formats:	MP3 WMA WAV AIFF AAC FLAC ALAC DSD
Bluetooth codecs:	AAC SBC
Bluetooth version:	4.2

Energy Management

Power consumption:	0.2-340

Dimensions and Weight

Product height:	18.5
Product width:	43.5
Product length:	44
Product weight:	18.3
Packsize height:	31

Packsize width:	53
Packsize length:	53
Packaged weight:	21.3

Control Methods

Controls:	On Device
	Remote Control
	App Controlled
	Voice Assistant
	RS-232
Voice assistant integration:	Alexa
	Google Assistant
Controller app:	Sonos
	Apple Airplay 2
	Chromecast
	DTS Play-Fi
	Roon Tested
	Flare Connect
	Proprietary App