

# Pioneer



## SC-LX704 AV Receiver 9.2ch black

246167

SRP 1 799,00 €

Equipped with the 6th generation of Direct Energy HD Amplifier, the SC-LX704 is worthy of being your home cinema's centrepiece, and an ideal combination for Pioneer's flagship universal disc player. Two ES9026PRO DACs ensure quality audio reproduction, while MCACC Pro Auto Room Tuning technology with Full Band Phase Control brings out the best from 3D surround sounds of IMAX Enhanced, Dolby Atmos, and DTS:X. Enjoy rich, vibrant sound with PQLS jitterless transmission. The new Audio Exclusive Mode and AV Direct Mode enhance detailed sound reproduction by turning off the unused functions to eliminate unwanted noise.

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-LX704 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-LX704 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.

\* Extra amplifier required

### **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 also 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-LX704 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-LX704 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:	4573211157925
Manufacturer number:	SC-LX704(B)MGP
Product weight:	15.3 kilograms

### **Radio Reception**

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

### **<b>Video Codecs & Formats</b>**

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

Music streaming services:	Amazon Music Deezer Spotify Tidal TuneIn
Ethernet:	1
USB 2.0:	2
Wireless:	Wifi 2.4GHz/5GHz

### **Amplification**

Dynamic output (6):	240 (10% THD)
Rated output (6):	205 (1% THD)
S/N ratio (6):	107
Speaker impedance:	4-16
S/N ratio phono:	90
Zones:	3
Channels:	7.2.2 5.2.4
12 volt trigger:	Out

### **Audio Outputs**

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/1.2 k (LINE OUT) 2 V/1.2 k (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 Virtual:X DTS:X DTS-HD Master Audio Imax Enhanced MCACC
Room correction:	MCACC

Supported file formats:	MP3 WMA WAV AIFF FLAC ALAC DSD
Bluetooth codecs:	SBC AAC
Bluetooth version:	4.2 Smart

### **Energy Management**

Power consumption:	0.2-310
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## Dimensions and Weight

Product height:	18.5
Product width:	43.5
Product length:	44
Product weight:	15.3
Packsize height:	31
Packsize width:	53
Packsize length:	53
Packaged weight:	17.9

## Control Methods

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