

PIONEER SC-LX901

Pioneer Elite SC-LX901 11.2 Channel Network AV Receiver Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Pioneer Elite SC-LX901 11.2 Channel Network AV Receiver. The SC-LX901 features an 11.2-channel Class D3 amplifier, supporting advanced multi-dimensional surround sound formats such as DTS:X and Dolby Atmos. It offers Ultra HD (4K/60p/4:4:4) upscaling/pass-through with HDR/BT.2020 compatibility. Network features include Google Cast, AirPlay, and various streaming services. Please read this manual thoroughly before using the receiver and retain it for future reference.

2. SAFETY INFORMATION

- **Power Source:** Connect the unit only to an AC outlet with the specified voltage (120V, 60Hz). Ensure the power cord is securely plugged in.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the unit.
- **Foreign Objects:** Do not insert any foreign objects into the unit's openings.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth only. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.

3. SETUP

3.1 Physical Connections (Rear Panel)

The rear panel of the SC-LX901 provides a comprehensive array of input and output terminals for connecting various audio and video components, speakers, and network devices. Refer to the image below for a visual guide to the connections.



Image 1: Rear panel view of the Pioneer Elite SC-LX901 AV Receiver. This image displays all available input and output connections, including HDMI, analog audio, digital audio, speaker terminals, network port, and antenna connections. Key sections are labeled for easy identification of connection points for various home theater components.

- **HDMI Inputs (HDMI IN 1-7):** Connect your video sources such as Blu-ray players, game consoles, and streaming devices. These inputs support HDCP 2.2 for 4K Ultra HD content.
- **HDMI Outputs (HDMI OUT MAIN, ZONE 2):** Connect to your TV or projector. The MAIN output supports ARC (Audio Return Channel). The ZONE 2 output allows for a separate video/audio feed to another room.
- **Digital Audio Inputs (COAXIAL 1-2, OPTICAL 1-3):** For connecting digital audio sources like CD players or set-top boxes.
- **Analog Audio Inputs (AUDIO IN 1-6, PHONO):** For connecting analog audio sources. The PHONO input is specifically for turntables.
- **Component Video Inputs (IN 1-2):** For older video sources that use component video connections.
- **Pre-Outs (SUBWOOFER 1-2, FRONT, CENTER, SURROUND, SURROUND BACK, HEIGHT 1, HEIGHT 2):** For connecting external power amplifiers or powered subwoofers.
- **Speaker Terminals (FRONT, CENTER, SURROUND, SURROUND BACK, HEIGHT 1, HEIGHT 2, ZONE 2/SP-B, BI-AMP/ZONE 3):** Connect your passive speakers. Ensure speaker impedance is between 4Ω and 16Ω. Observe correct polarity (+ to +, - to -).
- **NETWORK Port:** Connect an Ethernet cable for wired network connectivity, enabling internet radio, streaming services, and firmware updates.
- **Antenna Terminals (FM ANTENNA, AM LOOP):** Connect the supplied FM and AM antennas for radio reception.
- **Control Ports (RS-232C, IR IN/OUT, 12V TRIGGER OUT):** For custom installation control systems and external device triggering.
- **AC IN:** Connect the detachable power cord here.

3.2 Initial Configuration

After connecting all components, power on the receiver and your display device. The initial setup wizard will guide

you through essential configurations, including:

- **Speaker Setup:** Use the included MCACC (Multi-Channel Acoustic Calibration System) microphone to automatically calibrate your speakers for optimal sound performance in your listening environment.
- **Network Setup:** Configure your wired or wireless network connection to access online features.
- **Input Assignment:** Assign specific inputs to your connected devices.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** Press the POWER button on the front panel or remote control.
- **Input Selection:** Use the INPUT SELECTOR buttons on the front panel or remote to choose the desired source (e.g., HDMI 1, BD/DVD, CD).
- **Volume Control:** Adjust the master volume using the large dial on the front panel or the VOLUME +/- buttons on the remote.

4.2 Advanced Features

- **Network Streaming:** Access internet radio, Spotify, Tidal, and other streaming services via the network connection. Use the Pioneer Remote App for convenient control.
- **Google Cast / AirPlay:** Stream audio directly from compatible mobile devices or computers.
- **Multi-Zone Audio:** The SC-LX901 supports up to three zones. You can play different audio sources in Zone 2 and Zone 3 independently from the main zone. Refer to the on-screen menu for detailed multi-zone setup and control.
- **Surround Sound Modes:** Select various surround sound modes, including Dolby Atmos, DTS:X, Dolby Surround, and DTS Neural:X, to optimize your listening experience for different content.

5. MAINTENANCE

- **Cleaning:** Regularly wipe the unit with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check for firmware updates via the network connection to ensure your receiver has the latest features and performance enhancements. Follow the on-screen instructions for any available updates.

6. TROUBLESHOOTING

If you encounter issues with your receiver, refer to the following common troubleshooting steps. For more detailed solutions, consult the comprehensive user manual available on the Pioneer support website.

- **No Sound:**
 - Check all speaker connections for proper polarity and secure fit.
 - Verify the correct input source is selected.
 - Ensure the volume is not muted or set too low.
 - Confirm that the audio output settings on your source device are correctly configured.
- **No Video:**

- Check all HDMI cable connections between the source, receiver, and TV.
- Ensure the correct HDMI input on the receiver and TV is selected.
- Verify that your source device is powered on and outputting video.

- **Network Connectivity Issues:**

- Ensure the Ethernet cable is securely connected or that the Wi-Fi antenna is properly attached and configured.
- Restart your router and modem.
- Check network settings in the receiver's menu.

- **Remote Control Not Working:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the receiver's IR sensor.

7. SPECIFICATIONS

Model Number	SC-LX901
Brand	PIONEER
Surround Sound Channel Configuration	11.2 Channels
Output Power	300 Watts
Total HDMI Ports	8 (Inputs)
HDMI Outputs	2 (MAIN, ZONE 2)
Connectivity Technology	HDMI, USB, Network (Ethernet, Wi-Fi), AirPlay
Audio Encoding Support	Dolby Atmos, DTS:X 7.1, Dolby TrueHD, DTS-HD Master Audio 7.1, Dolby Digital Plus, DTS ES, DD, Dolby Digital EX
Video Encoding Support	H.264, H.265/HEVC
Special Features	eARC, Ultra HD (4K/60p/4:4:4) Upscaling/Pass-through, HDR/BT.2020, Google Cast, Multi-Zone Audio
Speaker Impedance	4Ω - 16Ω
Item Weight	39.6 Pounds
Power Consumption	340 W

8. WARRANTY AND SUPPORT

The Pioneer Elite SC-LX901 AV Receiver comes with a **3 Years Parts & Labor** warranty. For technical assistance, warranty claims, or further support, please contact Pioneer customer service or visit the official Pioneer support website. Ensure you have your model number (SC-LX901) and proof of purchase available when seeking support.

