PIONEER SC-LX701

Pioneer SC-LX701 Network AV Receiver User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Pioneer SC-LX701 Network AV Receiver. The SC-LX701 is a 9.2-channel Class D3 amplifier designed to support the latest multi-dimensional surround sound formats, including DTS:X and Dolby Atmos. It features a Reflex Optimizer for Dolby-enabled speakers, enhancing your audio experience.

The receiver is equipped for Ultra HD (4K/60p/4:4:4) upscaling and pass-through, and is compatible with HDR/BT.2020 standards, ensuring impressive visual quality. Beyond its core audio-video capabilities, the SC-LX701 offers internet radio and various network streaming services. With Google Cast built-in, you can easily stream music from your mobile device. The unit also supports multi-zone audio with powered Zone 2 and Zone 3 outputs.

Key Features:

- Ultra HD pass-through with HDCP 2.2 for secure 4K content.
- Ultra HD upscaling (1080p to 4K) for enhanced picture quality.
- Integration with existing home sound systems and music streaming via Connect (requires firmware update).
- 3D ready for Blu-ray disc, broadcast, and gaming content.

Figure 1: Front view of the Pioneer SC-LX701 Network AV Receiver. This image displays the receiver's main chassis, front panel display, and control knobs.

2. WHAT'S IN THE BOX

Upon unpacking your Pioneer SC-LX701 Network AV Receiver, please ensure all the following items are present:

- Pioneer SC-LX701 Network AV Receiver Unit
- Remote Control
- Power Cord
- Setup Microphone (for MCACC calibration)
- FM/AM Antennas
- Quick Start Guide
- Safety Instructions

If any items are missing or damaged, please contact your dealer or Pioneer customer support.

3. SETUP

3.1 Placement

Place the receiver on a stable, level surface with adequate ventilation. Ensure there is sufficient space around the unit (at least 6 inches on top and sides) to prevent overheating. Avoid placing the receiver near heat sources or in direct sunlight.

3.2 Connecting Speakers

Connect your speakers to the corresponding speaker terminals on the rear panel of the receiver. Ensure correct polarity (+ to + and - to -) for each speaker. The SC-LX701 supports a 9.2 channel configuration.

3.3 Connecting Audio/Video Devices

Use HDMI cables to connect your source devices (e.g., Blu-ray player, game console, cable box) to the HDMI INPUT ports on the receiver. Connect your TV or projector to the HDMI OUT (MAIN) port. The receiver features 8 HDMI input ports.

3.4 Network Connection

Connect the receiver to your home network via an Ethernet cable to the LAN port or wirelessly using the built-in Wi-Fi. A network connection is required for internet radio, streaming services, and firmware updates.

3.5 Initial Setup Wizard

After connecting all devices and powering on the receiver, an on-screen setup wizard will guide you through initial configurations, including speaker calibration (using the supplied setup microphone), network settings, and input assignments.

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Video 1: A detailed video demonstrating the setup process for a Pioneer AV Receiver. This video covers connecting speakers, source devices, and initial configuration steps. (Note: Creator type assumed to be 'Seller' as per instructions, but not explicitly available in provided data.)

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the **ON/STANDBY** button on the front panel or remote control to turn the receiver on or off. The receiver will enter standby mode when turned off.

4.2 Input Selection

Use the **INPUT SELECTOR** buttons on the front panel or the corresponding input buttons on the remote control to switch between connected audio/video sources (e.g., Blu-ray, TV, CD).

4.3 Volume Control

Adjust the master volume using the large **VOLUME** knob on the front panel or the **VOLUME +/-** buttons on the remote control.

4.4 Network Features

Access internet radio, music streaming services, and Google Cast functionality through the receiver's on-screen menu. Use the remote control to navigate these options. Ensure your receiver is connected to the internet.

4.5 Multi-Zone Audio

The SC-LX701 supports up to three audio zones. Refer to the advanced settings in the on-screen menu to configure and control audio playback in Zone 2 and Zone 3 independently.

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Video 2: A brief overview of the network features and streaming capabilities of a Pioneer AV Receiver. This video highlights how to access internet radio and other online services. (Note: Creator type assumed to be 'Seller' as per instructions, but not explicitly available in provided data.)

5. MAINTENANCE

5.1 Cleaning

To clean the receiver, wipe the exterior surfaces with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents, as these can damage the finish. Ensure the unit is powered off and unplugged before cleaning.

5.2 Ventilation

Regularly check that the ventilation openings on the top and sides of the receiver are not obstructed. Proper airflow is crucial to prevent overheating and ensure long-term performance.

5.3 Firmware Updates

Pioneer may release firmware updates to improve performance or add new features. Connect your receiver to the internet and check the system settings menu for available updates. Follow the on-screen instructions carefully during the update process.

6. TROUBLESHOOTING

If you encounter issues with your SC-LX701 receiver, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely plugged into both the receiver and a working electrical outlet. Check the power switch on the rear panel (if applicable) and the circuit breaker.
- **No Sound:** Verify that speakers are correctly connected and speaker wires are not loose. Check the volume level and ensure the Mute function is not active. Confirm the correct input source is selected.
- **No Picture:** Ensure HDMI cables are securely connected between the source device, receiver, and TV/projector. Confirm the correct input source is selected on both the receiver and the display device.
- **Network Connection Issues:** Check your router and modem. Ensure the Ethernet cable is connected or Wi-Fi settings are correct. Try restarting your network equipment and the receiver.
- **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.

For more detailed troubleshooting, consult the comprehensive owner's manual available on the Pioneer support website or contact customer service.

7. SPECIFICATIONS

Below are the key technical specifications for the Pioneer SC-LX701 Network AV Receiver:

Product Dimensions	7.4 x 17.1 x 7.3 inches
Item Weight	36.4 pounds
Manufacturer	Pioneer
Item Model Number	SCLX701
Connectivity Technology	HDMI, Wi-Fi
Controller Type	Amazon Alexa, Apple HomeKit, Google Assistant
Special Feature	eARC
Compatible Devices	Speaker
Total HDMI Ports	8
Connector Type	3.5mm Jack, HDMI, RCA, USB
Audio Output Mode	Surround
Surround Sound Channel Configuration	9.2 Channel
Video Encoding	H.264 or H.265 (HEVC)

8. WARRANTY AND SUPPORT

Pioneer products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Pioneer website.

For technical support, service, or to download the full owner's manual, please visit the Pioneer support section on their official website. You can also find contact information for customer service in your region there.

Please retain your proof of purchase for warranty claims.