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PIONEER SC-LX901

Pioneer Elite SC-LX901 11.2 Channel Network AV Receiver

INSTRUCTION MANUAL

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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. Please read this manual thoroughly before using your receiver and retain it for future reference.

The Pioneer Elite SC-LX901 is an advanced 11.2-channel Class D3 amplifier designed to deliver immersive audio experiences. It supports the latest multi-dimensional surround sound formats, including DTS:X and Dolby Atmos, and features Reflex Optimizer technology for Dolby-enabled speakers. This receiver is ready for Ultra HD (4K/60p/4:4:4) upscaling and pass-through, as well as HDR/BT.2020 standards, ensuring impressive video quality. Enjoy a wide range of entertainment options with built-in internet radio, various network streaming services, and Google Cast for casting music from your mobile device. The multi-zone feature allows for powered Zone 2 and Zone 3 output, expanding your audio possibilities.



Figure 1: Front view of the Pioneer Elite SC-LX901 AV Receiver. This image displays the receiver's front panel, featuring the input selector and master volume knobs on either side of a central display. The display shows 'DTS:X' and 'ELITE' branding. The power button is located on the bottom left. A remote control is shown to the right of the receiver.

2. What's in the Box

Upon unpacking, please ensure all the following items are present:

- Pioneer Elite SC-LX901 AV Receiver
- Remote Control
- Power Cord
- Setup Microphone (for MCACC calibration)
- AM Loop Antenna
- FM Wire Antenna
- Wireless LAN Antennas (x2)
- Quick Start Guide
- Safety Brochure

3. Setup

3.1. Unpacking and Placement

Carefully remove the receiver from its packaging. Place the receiver on a stable, level surface with adequate ventilation. Ensure there is sufficient space around the unit for heat dissipation. Avoid placing it near heat sources or in direct sunlight.

3.2. Connecting Speakers

The SC-LX901 supports an 11.2 channel configuration. Connect your speakers to the corresponding terminals on the rear panel. Pay close attention to polarity (+ to + and - to -) for optimal sound quality. Ensure your speakers have an impedance rating between 4 and 16 ohms.

For Dolby Atmos and DTS:X setups, refer to the speaker layout diagrams in the full user manual for optimal placement of height or up-firing speakers.

3.3. Connecting Audio/Video Devices

Connect your source devices (e.g., Blu-ray player, game console, cable box) to the HDMI input ports on the rear panel. The receiver features 8 HDMI inputs and 2 HDMI outputs. Use high-quality HDMI cables for 4K/HDR content. Connect your TV or projector to the HDMI OUT MAIN port.

Additional analog and digital audio inputs (optical, coaxial) are available for other devices. A USB port is provided for media playback.



Figure 2: Rear view of the Pioneer Elite SC-LX901 AV Receiver. This image details the extensive array of input and output ports, including multiple HDMI ports, analog audio inputs, digital audio inputs (optical and coaxial), speaker terminals for 11.2 channels, and network connections. Two wireless LAN antennas are visible at the top rear.

3.4. Network Connection

For network features, connect the receiver to your home network. You can use an Ethernet cable for a wired connection or attach the provided wireless LAN antennas for a Wi-Fi connection. Follow the on-screen setup guide to configure network settings.

3.5. Power Connection

After all other connections are made, connect the power cord to the receiver and then to a suitable AC outlet. Do not connect the power cord until all other connections are complete.

3.6. Initial Setup and MCACC Calibration

Turn on the receiver and your TV. Follow the on-screen instructions for initial setup. Use the supplied setup microphone to perform the Multi-Channel Acoustic Calibration System (MCACC) for optimal sound performance tailored to your listening environment.

4. Operating Instructions

4.1. Basic Operation

- Power On/Off:** Press the **STANDBY/ON** button on the front panel or remote control.
- Input Selection:** Use the **INPUT SELECTOR** knob on the front panel or the input buttons on the remote control to choose your desired source.
- Volume Control:** Adjust the master volume using the **MASTER VOLUME** knob on the front panel or the **VOLUME +/-** buttons on the remote control.

4.2. Sound Modes

The receiver offers various sound modes to enhance your listening experience, including Dolby Atmos, DTS:X, Dolby

Surround, and DTS Neural:X. Use the **SURROUND** button on the remote to cycle through available modes. The Reflex Optimizer feature can be enabled for improved performance with Dolby Atmos enabled speakers.

4.3. Network Features

- **Google Cast:** Cast audio content from compatible apps on your mobile device directly to the receiver.
- **AirPlay:** Stream music from your Apple devices (iPhone, iPad, Mac) to the receiver.
- **Internet Radio:** Access a wide variety of internet radio stations.
- **Network Streaming:** Play music files stored on your home network (e.g., NAS, PC).

4.4. Multi-Zone Operation

The SC-LX901 supports powered Zone 2 and Zone 3 output, allowing you to enjoy different audio sources in separate rooms. Refer to the full user manual for detailed instructions on configuring and operating multi-zone audio.

5. Maintenance

5.1. Cleaning

To clean the receiver, disconnect the power cord. Use a soft, dry cloth to wipe the exterior surfaces. Do not use abrasive cleaners, solvents, or chemical cloths, as these may damage the finish.

5.2. Firmware Updates

Periodically check the Pioneer website for firmware updates. Updates can provide new features, performance improvements, and bug fixes. Follow the instructions provided with the firmware update carefully.

6. Troubleshooting

If you experience issues with your receiver, please consult the following basic troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the receiver and the AC outlet.
- **No Sound:** Check all speaker connections for correct polarity. Verify the correct input source is selected. Ensure the volume is not muted or set too low.
- **No Video:** Confirm HDMI cables are securely connected between the source, receiver, and TV. Ensure the correct input is selected on both the receiver and TV.
- **Network Connection Issues:** Check your router and internet connection. Re-enter Wi-Fi passwords if necessary.

For more detailed troubleshooting, refer to the comprehensive user manual available on the Pioneer support website.

7. Specifications

Model	SC-LX901
Channels	11.2
Amplifier Type	Class D3
Supported Audio Formats	Dolby Atmos, DTS:X, Dolby TrueHD, DTS-HD Master Audio, etc.
Video Support	Ultra HD (4K/60p/4:4:4) Pass-through/Upscaling, HDR, BT.2020, HDCP 2.2
HDMI Inputs/Outputs	8 In / 2 Out (Main, Zone 2)

Connectivity	Wi-Fi, Bluetooth, Ethernet, USB, Google Cast, AirPlay
Multi-Zone Capability	Powered Zone 2 / Zone 3
Dimensions (W x H x D)	17.3 x 7.3 x 17.1 inches (439 x 185 x 434 mm)
Weight	39.6 pounds (18 kg)

Note: Specifications are subject to change without notice.

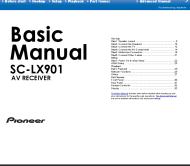
8. Warranty and Support

Pioneer products 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 inquiries, please contact Pioneer customer service through their official channels.

Online Resources: For the most up-to-date information, full user manual, and support, please visit the official Pioneer website.

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Related Documents - SC-LX901

	<p>Pioneer SC-LX901 AV Receiver: Basic Manual</p> <p>This basic manual provides essential setup and operational guidance for the Pioneer SC-LX901 AV Receiver, covering speaker layout, connections, audio features like Dolby Atmos, and network functionality.</p>
	<p>Pioneer SC-LX801/SC-LX701 AV Receiver Basic Manual</p> <p>Comprehensive guide to setting up and operating the Pioneer SC-LX801 and SC-LX701 AV receivers, covering speaker layout, connections, initial setup, playback features, network functions, and troubleshooting.</p>
	<p>Pioneer SC-LX901 AV Receiver User Manual</p> <p>Comprehensive user manual for the Pioneer SC-LX901 AV Receiver, detailing setup, connections, features like Dolby Atmos, MCACC, network capabilities, and specifications.</p>
	<p>Pioneer ELITE SC-91 AV Receiver Operating Instructions</p> <p>Comprehensive operating instructions for the Pioneer ELITE SC-91 AV Receiver, covering setup, features, connectivity, playback, and system controls. Learn how to optimize your audio and video experience.</p>
	<p>Pioneer Elite SC-99 SC-97 AV Receiver Operating Instructions</p> <p>Comprehensive operating instructions for the Pioneer Elite SC-99 and SC-97 AV receivers, detailing setup, advanced audio and video features, network connectivity, and essential safety guidelines for optimal home theater performance.</p>



[Pioneer VSX-33TX Elite Audio/Video Multi-Channel Receiver Operating Instructions](#)

Comprehensive operating instructions and quick start guide for the Pioneer VSX-33TX Elite audio/video multi-channel receiver, detailing setup, connections, features, sound modes, and troubleshooting for an enhanced home theater experience.