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> [S.M.S.L SP200 Headphone Amplifier Instruction Manual](#)

## S.M.S.L SP200

# S.M.S.L SP200 Headphone Amplifier Instruction Manual

## INTRODUCTION

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Welcome to the S.M.S.L SP200 Headphone Amplifier instruction manual. This document provides essential information for the safe and optimal use of your new THX AAA-888 technology headphone amplifier. Please read this manual thoroughly before operation to ensure proper setup and functionality.

## IMPORTANT SAFETY INFORMATION

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- **Power Supply:** Use only the provided AC power supply cable. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Place the unit in a well-ventilated area to prevent overheating.
- **Liquid Exposure:** Keep the unit away from water, moisture, and other liquids. Do not operate with wet hands.
- **Impact:** Avoid dropping or subjecting the unit to strong impacts.
- **Servicing:** Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- **Placement:** Place the unit on a stable, flat surface. Avoid placing it near heat sources or in direct sunlight.

## PACKAGE CONTENTS

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The S.M.S.L SP200 package includes the following items:

- S.M.S.L SP200 Headphone Amplifier
- AC Power Supply Cable
- User Manual

## PRODUCT OVERVIEW

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### Front Panel

The front panel of the S.M.S.L SP200 features all necessary controls and headphone outputs for convenient operation.



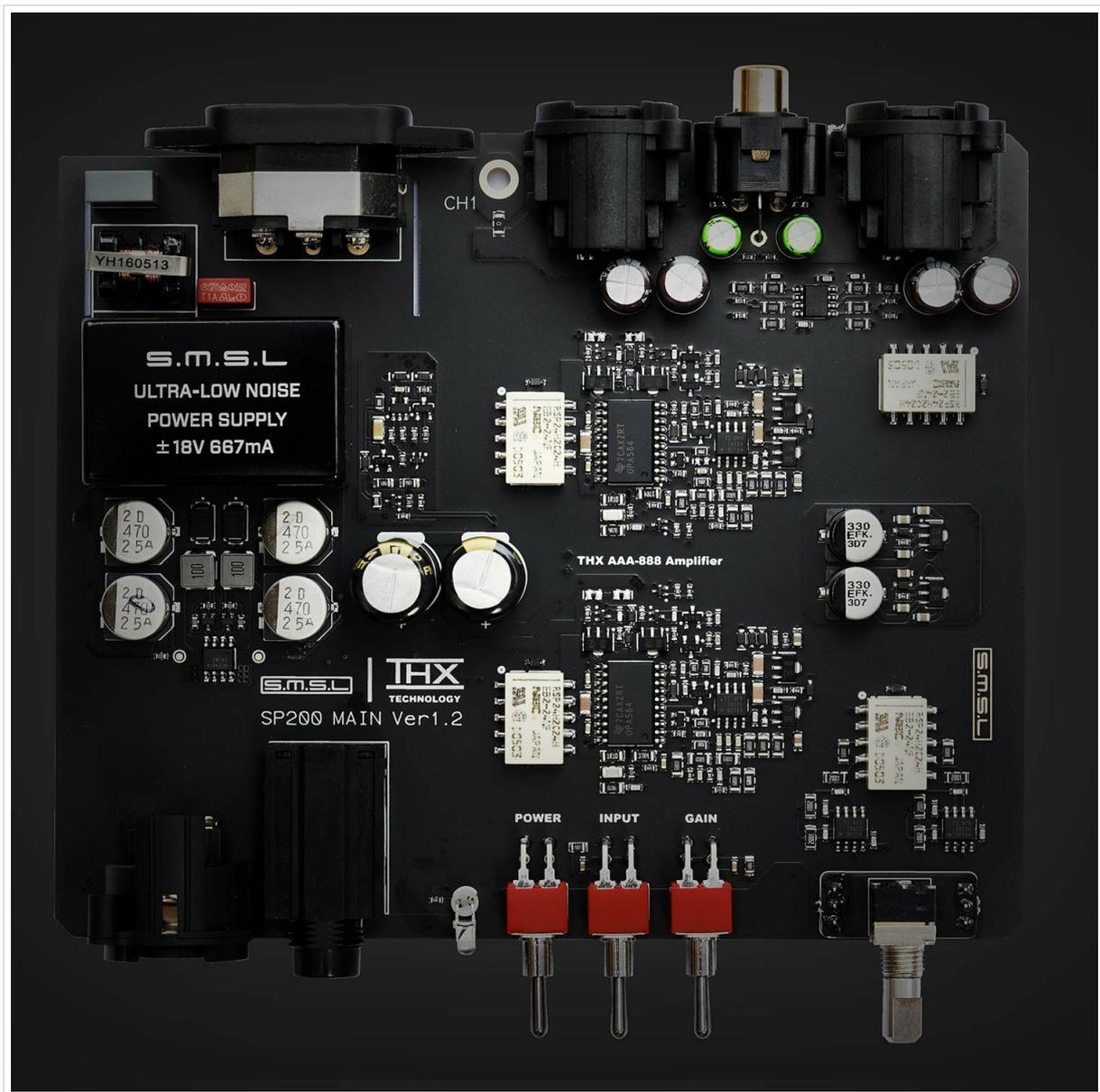
This image displays the front panel of the S.M.S.L SP200. On the left are the balanced XLR and 6.35mm single-ended headphone output jacks. In the center are toggle switches for power (ON/OFF), input selection (XLR/RCA), and gain control (HIGH/LOW). The large knob on the right is for volume adjustment.



This image provides a detailed, labeled view of the front panel. Key components include: 1. XLR Headphone Output, 2. 6.35mm Headphone Output, 3. Power Status Indicator, 4. Power Switch, 5. Input Selection Switch, 6. Gain Selection Switch, 7. Volume Control.

## Rear Panel

The rear panel provides the audio input connections and the power inlet for the amplifier.



This image shows the rear panel of the S.M.S.L SP200. From left to right, it features balanced XLR stereo line inputs (Right and Left), unbalanced RCA stereo line inputs (Right and Left), and the AC power inlet.

## SETUP INSTRUCTIONS

### Connecting Audio Sources

The SP200 supports both balanced XLR and unbalanced RCA stereo line inputs.

- **XLR Input:** Connect your balanced audio source (e.g., DAC) to the XLR L (Left) and R (Right) input jacks on the rear panel.
- **RCA Input:** Connect your unbalanced audio source to the RCA L (Left) and R (Right) input jacks on the rear panel.

### Connecting Headphones

The SP200 offers two headphone output options on the front panel.

- **Balanced Headphone Output:** Use the 4-pin XLR connector for balanced headphones.
- **Single-Ended Headphone Output:** Use the 6.35mm (1/4 inch) jack for single-ended headphones.

## Power Connection

Connect the provided AC power cable to the power inlet on the rear panel and then to a suitable power outlet.

Your browser does not support the video tag.

This video demonstrates the physical features and connectivity options of the S.M.S.L SP200 headphone amplifier, including its front panel outputs, rear panel inputs, and power connection.

## OPERATING INSTRUCTIONS

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### Power On/Off

Use the "ON/OFF" toggle switch on the front panel to power the unit on or off. The power status indicator will illuminate when the unit is on.

### Input Selection

Select your desired audio input (XLR or RCA) using the "XLR/RCA" toggle switch on the front panel.

### Gain Control

The "HIGH/LOW" gain switch adjusts the amplification level. Use "LOW" gain for sensitive headphones or when high volume is not required. Switch to "HIGH" gain for less sensitive headphones or when more power is needed.

### Volume Adjustment

Rotate the large knob on the right side of the front panel to adjust the headphone output volume. Start with a low volume and gradually increase it to a comfortable listening level.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid liquid cleaners and abrasive materials.
- **Ventilation:** Ensure adequate airflow around the amplifier. Do not block ventilation openings or place the unit in an enclosed space.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity when not in use for extended periods.

## TROUBLESHOOTING

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- **No Sound:**
  - Check power connection and ensure the unit is turned on.
  - Verify input source is correctly connected and selected (XLR or RCA).
  - Ensure headphones are properly plugged into the correct output jack.
  - Adjust the volume level.
- **Distorted Sound:**
  - Check audio cables for damage or loose connections.
  - Ensure the input source is not overdriving the amplifier. Reduce the output level from your source

device.

- Try switching gain settings (HIGH/LOW) to match your headphones and source.

- **Only One Channel Has Sound:**

- Check headphone cable and connection for proper seating.
- Verify the source audio is stereo and not mono.
- Ensure RCA/XLR input cables are correctly connected to both L (Left) and R (Right) channels on the rear panel.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Item dimensions L x W x H	6.3 x 5.87 x 2.87 inches
Voltage	240 Volts
Manufacturer	S.M.S.L
Maximum Supply Voltage	240 Volts
Minimum Supply Voltage	240 Volts
Mounting Type	Surface Mount
Brand	S.M.S.L
Number of Channels	2
Output Power	12 Watts
Material	Plastic
Item Weight	1.69 pounds
Item model number	SP200

## WARRANTY AND SUPPORT

The S.M.S.L SP200 Headphone Amplifier comes with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects under normal use. For warranty claims or technical support, please contact your retailer or S.M.S.L customer service through their official channels.

Please retain your proof of purchase for warranty validation.