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> [SMSL PL100PRO CD Player User Manual](#)

S.M.S.L PL100PRO

SMSL PL100PRO CD Player User Manual

Model: PL100PRO | Brand: S.M.S.L

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your SMSL PL100PRO CD Player. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. The PL100PRO is a high-fidelity CD player featuring advanced DAC chips, multiple output options, and compatibility with various disc formats.

2. PACKAGE CONTENTS

Carefully unpack your SMSL PL100PRO CD Player and verify that all items listed below are included:

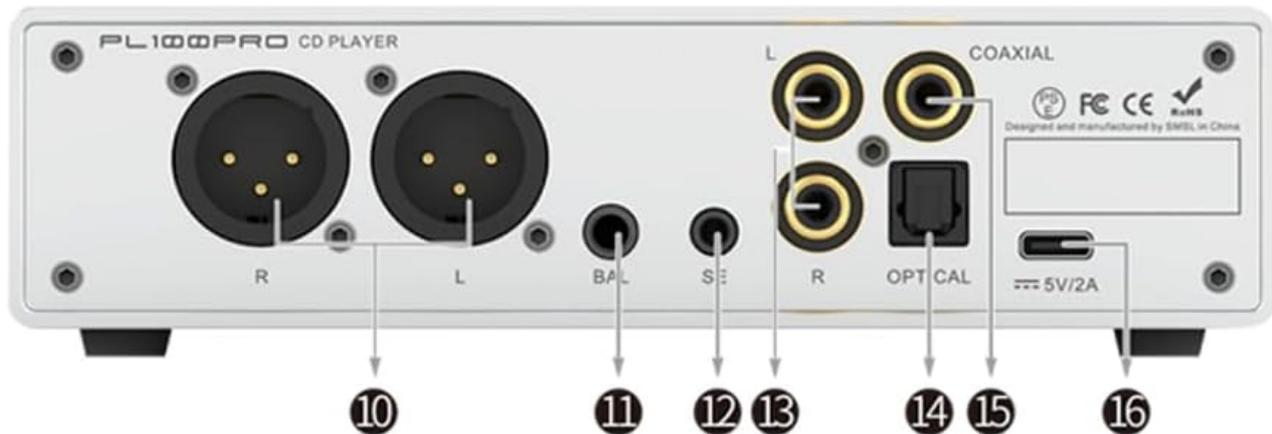
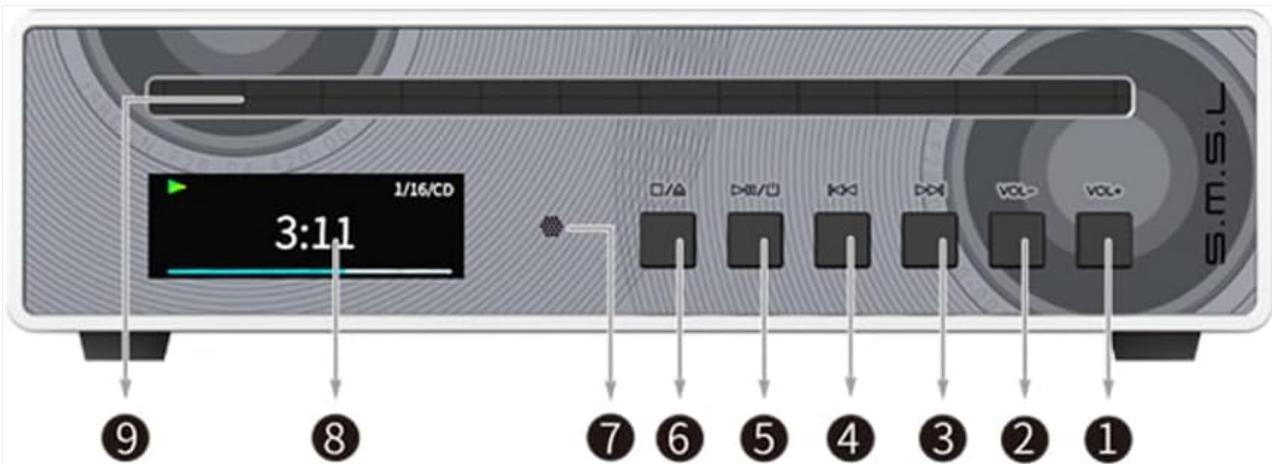
- SMSL PL100PRO CD Player Unit
- USB Cable (USB-A to USB-C)
- USB Cable (USB-C to USB-C)
- Remote Control
- Instruction Manual

Your browser does not support the video tag.

Video Description: This video demonstrates the unboxing process of the SMSL PL100PRO CD Player, showing the contents of the package including the main unit, cables, remote control, and user manual.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your PL100PRO CD Player.



- | | | |
|--------------------------------|------------------------------------|----------------------------------|
| 1 Volume up | 2 Volume down | 3 Next/Fast reverse |
| 4 Previous/Fast forward | 5 Play_pause / power on_off | 6 STOP/ Open_Close |
| 7 Remote window | 8 Display | 9 Disc slot |
| 10 XLR balanced output | 11 4.4mm headphone output | 12 3.5mm headphone output |
| 13 RCA Output | 14 Optical output | 15 Coaxial output |
| 16 USB input(5V/2A) | | |

Image Description: A detailed diagram illustrating the front and rear panels of the S.M.S.L PL100PRO CD Player. The front panel shows the disc slot, IPS LCD display, and control buttons. The rear panel displays various input and output ports, including XLR, RCA, optical, coaxial, and headphone jacks, each with corresponding numerical labels.

Front Panel Controls:

1. **Volume Up:** Increases output volume.
2. **Volume Down:** Decreases output volume.
3. **Next/Fast Reverse:** Skips to the next track or fast reverses within a track.
4. **Previous/Fast Forward:** Skips to the previous track or fast forwards within a track.
5. **Play/Pause / Power On/Off:** Toggles playback or powers the unit on/off.
6. **STOP / Open_Close:** Stops playback or opens/closes the disc tray.
7. **Remote Window:** Infrared receiver for the remote control.
8. **Display:** Full-color IPS LCD screen showing track information and settings.
9. **Disc Slot:** Insert CDs here.

Rear Panel Connections:

1. **XLR Balanced Output (R/L):** For balanced audio connection to compatible amplifiers or DACs.
2. **4.4mm Headphone Output:** Balanced headphone output.
3. **3.5mm Headphone Output:** Single-ended headphone output.
4. **RCA Output (R/L):** For unbalanced audio connection to compatible amplifiers or DACs.
5. **Optical Output:** Digital optical audio output.
6. **Coaxial Output:** Digital coaxial audio output.
7. **USB Input (5V/2A):** Power input for the device.



Image Description: A collage showcasing key features of the SMSL PL100PRO. It highlights the 3.5mm and 4.4mm headphone outputs, silver/black dual colors, adjustable output volume (PRE AMP function), new glass-film-film color IPS LCD screen, built-in 2x CS43131 high-end decoding chips, balanced XLR output interface, high-quality aluminum alloy shell, gold-plated terminals, and automotive-grade suction for hybrid vehicle applications.

4. SETUP

4.1 Power Connection

Connect the provided USB cable to the USB input (5V/2A) on the rear panel of the PL100PRO. Connect the other end to a compatible 5V/2A USB power adapter (not included). Ensure the power adapter provides at least 2 amps for correct functionality.

4.2 Audio Output Connection

Choose your preferred audio output method:

- **Headphones:** Connect your headphones to either the 3.5mm (single-ended) or 4.4mm (balanced) headphone output

on the rear panel.

- **Analog Output (RCA/XLR):** Connect RCA cables to the RCA outputs or XLR cables to the XLR balanced outputs on the rear panel, then connect to your amplifier or powered speakers.
- **Digital Output (Optical/Coaxial):** Connect an optical cable to the optical output or a coaxial cable to the coaxial output, then connect to an external DAC or digital audio system.

4.3 Initial Power On

After connecting power and audio outputs, press the Play/Pause / Power On/Off button on the front panel or the remote control to power on the device. The IPS LCD display will illuminate.

Your browser does not support the video tag.

Video Description: This short video demonstrates the SMSL PL100PRO CD Player being used in an outdoor camping setting, highlighting its portability and robust design suitable for various environments.

5. OPERATING INSTRUCTIONS

5.1 Disc Playback

1. Ensure the unit is powered on.
2. Gently insert a CD (CD/CD-R/CD-RW/MP3 disc) into the disc slot. The player will automatically load the disc.
3. The display will show track information. Press the Play/Pause button to begin playback.
4. Use the Next/Fast Reverse and Previous/Fast Forward buttons to navigate between tracks or fast scan within a track.
5. Press the STOP button to stop playback.



Image Description: A close-up view of a hand inserting a compact disc into the slot-loading mechanism of the SMSL PL100PRO CD Player. The player's display shows track information, indicating readiness for playback.

5.2 Remote Control Functions

The included full-function remote control allows for convenient operation from a distance.

Simple Operation

Equipped with a Full-Function Remote Control.

Every detail is considered for an immersive sonic experience. This CD player comes with a full-function remote, allowing every track selection, sound adjustment, and mode switching to be accomplished elegantly at hand. No need to stand up, no disturbance to the surroundings. Master all auditory experiences with simplicity, allowing advanced technology to silently blend into life's scenes, making listening more relaxed and free.



Image Description: An image displaying the remote control for the S.M.S.L PL100PRO, with various buttons labeled for functions such as Power ON/OFF, Mute, Volume +/-, Play/Pause, Previous/Fast reverse, Next/Fast forward, Stop, Open_Close, FN, DISP, and numerical track selection buttons (0-9), Random, and Repeat.

- **Power ON/OFF:** Turns the unit on or off.
- **Mute:** Mutes the audio output.
- **Volume +/-:** Adjusts the output volume (when preamplifier function is active).
- **Play/Pause:** Starts or pauses disc playback.
- **Previous/Fast Reverse:** Skips to the previous track or fast reverses.
- **Next/Fast Forward:** Skips to the next track or fast forwards.
- **Stop:** Stops disc playback.
- **Open/Close:** Ejects or retracts the disc.
- **Numerical Buttons (0-9):** Directly select track numbers.
- **Random:** Enables random playback.
- **Repeat:** Repeats the current track or entire disc.

5.3 Preamplifier Function

The PL100PRO includes a preamplifier function, allowing you to adjust the output volume directly from the unit or remote control. This is particularly useful when connecting directly to powered speakers or a power amplifier without its own volume control.

6. CONNECTIVITY OPTIONS

The PL100PRO offers a wide range of connectivity options to integrate into various audio setups.



Image Description: A diagram titled 'Bit-Stream Direct Output' showing the rear panel of the PL100PRO. Arrows indicate digital signal output from the optical and coaxial ports leading to an external Audio DAC (SMSL D200) or an Integrated Amplifier (SMSL RAW-HA1). Text explains that this allows lossless transmission of original digital audio signals to external systems.

- **Analog Outputs:** XLR Balanced (4Vrms) and RCA (2Vrms) for direct connection to amplifiers.
- **Headphone Outputs:** 3.5mm single-ended and 4.4mm balanced, providing up to 200mW (32Ω) for balanced and 58mW (32Ω) for single-ended, compatible with a wide range of headphones.
- **Digital Outputs:** Optical and Coaxial for bit-stream direct output to external DACs or digital audio systems, supporting lossless MQA playback.

7. SPECIFICATIONS

Detailed technical specifications for the SMSL PL100PRO CD Player.



Input	CD		
Output	XLR/RCA/4.4 or 3.5 mm headphone/Optical/Coaxial		
CD TYPE	CD / CD-R / CD-RW / MP3 CD		
Output Level	RCA	2Vrms	
	XLR	4Vrms	
Headphone output power		100mW(16Ω)	
		200mW(32Ω)	
		160mW(64Ω)	
	Balanced		85mW(150Ω)
			53mW(300Ω)
	Unbalanced		25mW(600Ω)
			58mW(16Ω)
			58mW(32Ω)
			45mW(64Ω)
			23mW(150Ω)
		12mW(300Ω)	
	6mW(600Ω)		
THD+N	0.001%		
SNR	110dB		
Power consumption	4W		
Standby power	<0.1W		
Size	160x44.5x160mm(WxHxD)		
Weight	953.5g/2.1lbs		

Image Description: An image displaying the dimensions of the SMSL PL100PRO (160mm x 44.5mm x 160mm) and a table of its technical specifications. The table includes Input (CD), Output (XLR/RCA/4.4 or 3.5mm headphone/Optical/Coaxial), CD Type (CD/CD-R/CD-RW/MP3 CD), Output Level (RCA: 2Vrms, XLR: 4Vrms), Headphone output power (Balanced and Unbalanced for various impedances), THD+N (0.001%), SNR (110dB), Power consumption (4W), Standby power (<0.1W), Size, and Weight (953.5g/2.1lbs).

Feature	Specification
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Feature	Specification
Input	CD
Output	XLR/RCA/4.4 or 3.5mm headphone/Optical/Coaxial
CD Type	CD/CD-R/CD-RW/MP3 CD
RCA Output Level	2Vrms
XLR Output Level	4Vrms
Headphone Output Power (Balanced)	100mW(16Ω), 200mW(32Ω), 160mW(64Ω), 85mW(150Ω), 53mW(300Ω), 25mW(600Ω)
Headphone Output Power (Unbalanced)	58mW(16Ω), 58mW(32Ω), 45mW(64Ω), 23mW(150Ω), 12mW(300Ω), 6mW(600Ω)
THD+N	0.001%
SNR	110dB
Power Consumption	4W
Standby Power	<0.1W
Dimensions (WxHxD)	160x44.5x160mm
Weight	953.5g / 2.1lbs
DAC Chips	2 x CS43131
MQA Playback	Supported

8. TROUBLESHOOTING

If you encounter issues with your PL100PRO, please refer to the following common solutions:

- **No Power:** Ensure the USB power cable is securely connected and the power adapter provides the required 5V/2A. Try a different power outlet or adapter.
- **No Sound:** Check all audio cable connections (RCA, XLR, Optical, Coaxial, Headphone). Verify the correct input is selected on your amplifier or external DAC. Ensure the volume is not muted or set too low.
- **Disc Not Playing/Reading:** Ensure the disc is clean and free of scratches. Verify the disc is inserted correctly. The PL100PRO supports CD, CD-R, CD-RW, and MP3 discs.
- **Remote Control Not Working:** Check the remote control's battery. Ensure there are no obstructions between the remote and the unit's remote window.
- **Intermittent Playback:** Ensure the unit is placed on a stable surface. While the PL100PRO has automotive-grade shock absorption, excessive vibration can still affect playback.

If the issue persists, please contact S.M.S.L customer support for further assistance.

9. MAINTENANCE

To maintain the performance and appearance of your PL100PRO CD Player:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or abrasive materials.
- **Disc Care:** Handle discs by their edges. Store them in their cases to prevent scratches and dust accumulation. Use a soft, lint-free cloth to clean discs if necessary, wiping from the center outwards.
- **Placement:** Place the unit on a stable, level surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.
- **Power Off:** When not in use for extended periods, disconnect the power adapter.

10. WARRANTY AND SUPPORT

The SMSL PL100PRO CD Player comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or warranty claims, please contact your authorized S.M.S.L dealer or visit the official S.M.S.L website.