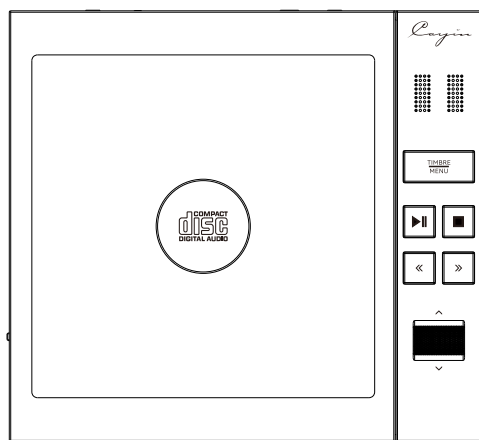


Cayin

Cayin CP6 CD Player Instruction Manual



We sincerely thank you for choosing CP6 CD Player. We have prepared this user manual to help you understand the features and familiarize with the operation. We recommend all customers read through this manual prior to using the device.

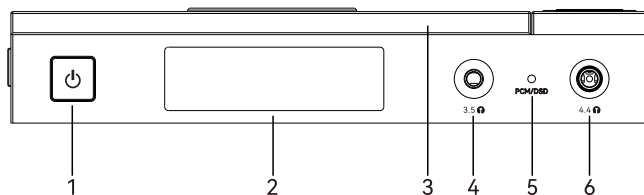
Package Contents

- 1.CP6 CD Player ×1
- 2.3.5mm Optical Adapter (Mini-TOSLINK to Standard) ×1
- 3.USB Type-C Cable ×1
- 4.User Manual ×1
- 5.Cleaning Cloth ×1

Key Features

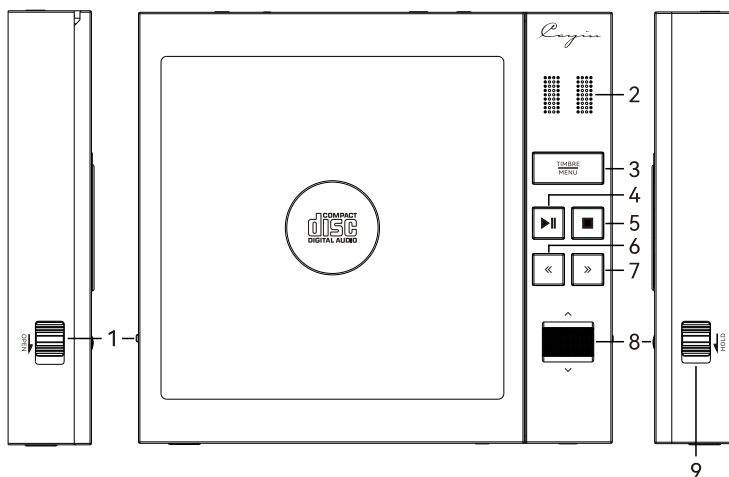
- 1.Built-in anti-shock system for stable playback
- 2.Multiple timbre to suit different listening preferences
- 3.Selectable DC or battery power modes
- 4.High and low gain settings for different headphones
- 5.Switchable PO / LO output modes
- 6.Supports both Bluetooth receiving and transmitting
- 7.Compatible with the Cayin Control App for remote operation
(App available for Android devices only)

Front Panel Overview



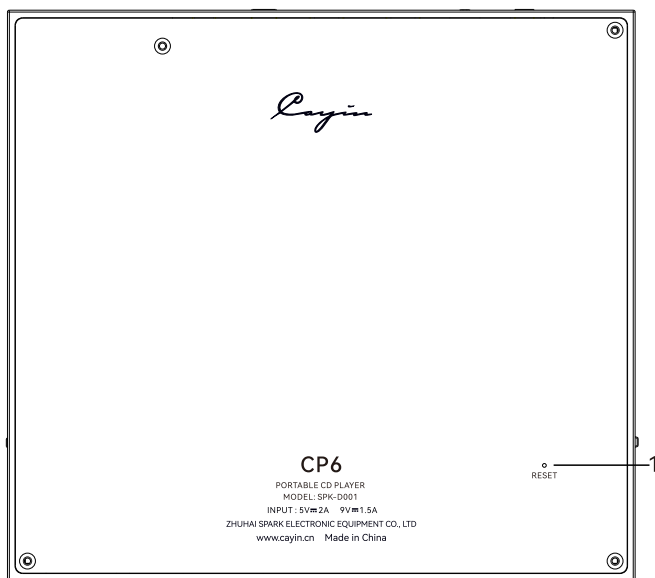
1. Power Button: Press and hold for 3 seconds to power on/off;
Press briefly to turn the screen on or off.
2. Display: Shows playback status and system settings.
3. Disc Lid
4. 3.5mm Single-Ended Headphone Output
5. PCM / DSD Indicator: Indicates the current audio format.
6. 4.4mm Balanced Headphone Output

Top & Side Panel Overview



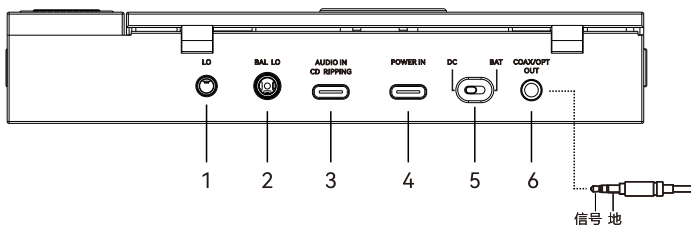
1. Lid Open Button
2. Tube Window
3. Timbre / Menu Button
4. Play / Pause Button
5. Stop Button: Refer to the Basic Operation section for button instructions.
6. Previous / Rewind Button
7. Next / Fast Forward Button
8. Volume Knob
9. Key Lock

Bottom Panel Over



1、RESET

Rear Panel Overview



1. 3.5mm Single-Ended Line Out
2. 4mm Balanced Line Out
3. USB DAC / CD Ripping (USB Flash Drive) Port
4. Charging Port
5. Power Mode Switch
6. 3.5mm Digital Output (Optical / Coaxial): A combined optical and coaxial output. Connect to an external DAC using a 3.5mm optical (mini-TOSLINK) or coaxial cable.

Basic Operation

1. Power On / Off & Screen Control

1. Power On: Press and hold the [Power] button for 2–3 seconds. The screen will light up and the device will enter the startup interface.
2. Power Off: Press and hold the [Power] button for 2–3 seconds to turn off the device.
3. Screen On / Off: When the device is powered on, press the [Power] button briefly to turn the screen off; Press it again to wake the screen.

2. Opening / Closing the Disc Lid

1. Opening the Disc Lid: When the lid is closed, slide the [Lid Open] button in the direction of the arrow.

The lid will pop up slightly—then lift it gently to fully open.

Note: Do not open the lid beyond a 60° angle.

Insert the disc after opening.

2. Closing the Disc Lid: Gently lower the lid by hand. The disc will begin to spin and the device will read the disc information.

Note:

Before opening the lid, press the [Stop] button and wait until the disc has completely stopped spinning.

3. Menu Settings

1. Enter the Menu: In normal (non-menu) mode, press and hold the [Timbre / Menu] button to enter the settings menu.

The following options are available: Source, Gain, PCM Filter, Balance, Brightness, Screen Timeout, Factory Reset, Amplifier Type, Output Mode, UAC.

2. Navigate the Menu: In menu mode, rotate the volume knob upward to move to the previous item, or downward to move to the next item.

3. Adjust Settings: In menu mode, press the [Previous] or [Next] button to select and adjust the desired option.

4. Exit the Menu: In menu mode, press or press and hold the [Timbre / Menu] button to exit the menu.

4. Button Functions

1. Previous: Press briefly to play the previous track;
During playback, press and hold to rewind.
2. Next: Press briefly to play the next track;
During playback, press and hold to fast forward.
3. Play / Pause: Press briefly to play or pause.
Note: In pause mode, the disc continues spinning. Avoid leaving the device paused for extended periods to prevent unnecessary wear.
4. Stop: Press briefly during playback or pause to stop playback.
5. Imbre / Menu: Press briefly to switch between tube (Classic / Modern) and solid-state timbre;
Press and hold to enter or exit the settings menu.
6. Volume Knob: Rotate upward to increase volume, and downward to decrease volume;
In menu mode, rotate to navigate through menu options.
7. Key Lock: Slide in the direction of the arrow to lock all buttons;
When activated, all button operations are disabled.

5. Source Selection

1. CD Mode: CD is the default input mode. Open the disc lid and the display will show "OPEN";
Place the disc into the tray with the label side facing up. Close the lid—if the disc is read successfully, the display will show "READING", followed by the total number of tracks and total playback time; If the disc cannot be read, the display will show "NO DISC".

2. **USB DAC Mode;** Connect the device to a computer or player via USB cable to the AUDIO IN (USB) port.

In the menu, set Source to “USB Audio”.

Install the USB driver on your computer (not required for macOS).

Then select this device as the audio output in your system settings.

3. **Bluetooth Mode:**In the system menu, set Source to “Bluetooth”.

On your Bluetooth source device (e.g. smartphone or player), search for “Cayin CP6” and connect.

Once connected, the unit will receive and decode audio from the Bluetooth device.

When no device is connected, the display shows “NO CONNECT”.

When no audio is playing, the display shows “NO PLAYBACK”.

6. Charging

Connect the USB cable from the charger to the “POWER IN” port of the device.

During charging, a battery icon will be displayed on the screen.

7. Power Mode Selection

1. **“BAT” Mode:**The device is powered by the internal battery.

2. **“DC” Mode**

The device is powered by an external DC supply via the POWER USB port.

If no external power is connected, the device will automatically use the internal battery.

8. CD Ripping

Insert a USB flash drive with a Type-C interface into the “CD RIPPING” port on the rear panel.

1. Start Ripping

During playback, press and hold the [Timbre/Menu] button to enter the menu.
Navigate to “CD RIPPING”, then change the setting from “Off” to “Extract” to start ripping.
Once the process is complete, the disc will stop spinning.

2. Stop Ripping

During ripping, press and hold the [Timbre/Menu] button to enter the menu again.
Navigate to “CD RIPPING”, then change the setting from “Extract” to “Off” to stop ripping.

Specifications General

Basic Product Information			
DAC	CS4308P x2	Power Input (USB)	DC 5V / 2A or 9V / 1.5A
Supported Disc Format	12cmCD/CD-R	Battery	3.85V 7300mAh (28Wh)
Net Weight	Approx720 g	Dimensions	167 x 151 x 29mm
Bluetooth Version	V5.4	Tube	JAN6418 x2

Charging and Battery Life

Output mode	Amplifier Type	Timbre	Battery Life
3.5mm PO	CLASS AB	Solid-State	~7.5Hr
		Modern Tube	~6.7Hr
		Classic Tube	~6.6Hr
	CLASS A	Solid-State	~6.5Hr
		Modern Tube	~5.9Hr
		Classic Tube	~5.8Hr
4.4mm PO	CLASS AB	Solid-State	~6.6Hr
		Modern Tube	~6.0Hr
		Classic Tube	~5.9Hr
	CLASS A	Solid-State	~5.6Hr
		Modern Tube	~5.2Hr
		Classic Tube	~5.1Hr
3.5mm LO	--	Solid-State	~10.2Hr
		Modern Tube	~8.6Hr
		Classic Tube	~8.5Hr
4.4mm LO	--	Solid-State	~9.8Hr
		Modern Tube	~8.4Hr
		Classic Tube	~8.2Hr

Charging and Battery Life

Charging Time	--	Standard Charger	~3.5Hr
	--	Fast Charger (QC3.0/PD2.0)	~2.5Hr

Battery life test conditions: Battery Powered, Playing CD music discs, low gain, volume at 30, 32Ω (PO)/47kΩ (LO) IEMs

Basic Specifications

3.5mm Single-ended Headphone Output			
Data Parameter	Solid-State	Classic Tube	Modern Tube
Output Power	Test Condition: 32Ωload, high gain, 1kHz, THD+N≤0.5%		
	330mW+330mW (BAT) 420mW+420mW (DC)	330mW+330mW (BAT) 420mW+420mW (DC)	330mW+330mW (BAT) 420mW+420mW (DC)
	Test Condition: 16Ωload, high gain, 1kHz, THD+N≤0.5%		
	500mW+500mW (BAT) 600mW+600mW (DC)	500mW+500mW (BAT) 600mW+600mW (DC)	500mW+500mW (BAT) 600mW+600mW (DC)
Frequency Response (±2dB, Fs=192kHz)	20Hz-47kHz	20Hz-45kHz	20Hz-46kHz
THD+N (1kHz, Fs=192kHz, A-weighted 20Hz20kHz, Output: 1.0V)	≤0.002%	≤0.5%	≤0.4%

Dynamic Range (1kHz, A-weighted, 20Hz-20kHz)	≥108dB	≥102dB	≥102dB
SNR (1kHz, A-weighted 20Hz-20kHz)	≥108dB	≥102dB	≥102dB
Channel Separation (RL=32Ω, 1kHz, A-weighted)	≥75dB	≥70dB	≥70dB
Gain	H: 0dB / L: -6dB (Selectable from the menu)		
Output Impedance	0.6Ω		
4.4 mm Balanced Headphone Output			
Data Parameter	Solid-State	Classic Tube	Modern Tube
Output Power	Test Condition: 32Ωload, high gain, 1kHz, THD+N≤0.5%		
	900mW+900mW (BAT) 1100mW+1100mW (DC)	900mW+900mW (BAT) 1100mW+1100mW (DC)	900mW+900mW (BAT) 1100mW+1100mW (DC)
	Test Condition: 16Ωload, high gain, 1kHz, THD+N≤0.5%		
	1100mW+1100mW (BAT) 1300mW+1300mW (DC)	1100mW+1100mW (BAT) 1300mW+1300mW (DC)	1100mW+1100mW (BAT) 1300mW+1300mW (DC)

Frequency Response ($\pm 2\text{dB}$, $F_s=192\text{kHz}$)	20Hz-45kHz	20Hz-40kHz	20Hz-44kHz
THD+N (1kHz, $F_s=192\text{kHz}$, A-weighted, 20Hz-20kHz, Output: 1.0V)	$\leq 0.002\%$	$\leq 0.5\%$	$\leq 0.4\%$
Dynamic Range (1kHz, A-weighted, 20Hz-20kHz)	$\geq 119\text{dB}$	$\geq 104\text{dB}$	$\geq 104\text{dB}$
SNR (1kHz, A-weighted, 20Hz-20kHz)	$\geq 119\text{dB}$	$\geq 104\text{dB}$	$\geq 104\text{dB}$
Channel Separation ($R_L=32\Omega$, 1kHz, A-weighted)	$\geq 115\text{dB}$	$\geq 104\text{dB}$	$\geq 97\text{dB}$
Gain	H: 0dB / L: -6dB (Selectable from the menu)		
Output Impedance	1.2 Ω		

Digital Audio I/O		
USB Audio In	Operating mode	UAC2.0/1.0 (Selectable from the menu)
	Windows	Cayin USB Audio Driver is required for Windows 10 and above
	MAC OSx	Driver-free
	Android	Driver-free
	iOS	Driver-free
	Audio Spec (UAC2.0)	PCM: 16-32Bit, 44.1kHz-384kHz DSD: Native DSD64-256, DoP64-256
Bluetooth RX/TX	RX Supported Codecs	LDAC、aptX Adaptive、aptX HD、aptX、AAC、SBC
	TX Supported Codecs	aptX Adaptive、aptX HD、aptX、SBC
	Bluetooth Version	Bluetooth® 5.4
S/PDIF Out	Audio Spec	16-24Bit, 44.1kHz-192kHz
	Output Interface	3.5mm jack (shared with optical fiber transmitter)

Safety Precautions

1. Do not open, disassemble, modify or attempt to repair the device yourself.
2. Do not use the product in extremely hot, cold, dusty or humid environments.
3. Slight heat generation during charging is normal.
4. Avoid dropping the device or subjecting it to impact, friction or strong vibration. Improper use may cause surface damage, battery issues, data loss or hardware failure.
5. Use an appropriate volume level to protect your hearing and audio equipment. Reduce the volume before connecting headphones, and avoid prolonged listening at high volume.
6. Do not use chemicals or cleaning agents to clean the device, as they may damage the surface or corrode the finish.
7. The USB port is intended for data transfer or charging only. Avoid using the device while charging whenever possible.
8. If the device is not used for an extended period, recharge it periodically to maintain battery health. Improper battery replacement may cause an explosion. Replace only with the same or equivalent type. Do not expose the battery to excessive heat such as direct sunlight, fire or similar conditions.
9. When using a power adapter for charging or power supply, ensure it meets safety standards and is properly certified.
10. The laser used in this device may be harmful to the eyes. Do not open the enclosure. Servicing should be performed by qualified personnel only. The laser component in this device may emit radiation exceeding Class 1 limits.



ALLGEMEINE HINWEISE ZU MOBILEN GERÄTEN

- Bitte schließen sie ihren mobiles Gerät nur an ein hochwertiges Ladegerät, dass den Produktspezifikationen entspricht.
- stellen Sie das Gerät beim Laden in eine gut belüftete Umgebung, da die Temperatur während des Ladevorgangs höher ist als bei normaler Wiedergabe. Decken sie das Gerät während des Ladens nicht ab.
- Laden Sie den Akku bei Raumtemperatur auf. Das Laden bei sehr hohen oder niedrigen Temperaturen kann während des Ladevorgangs zu Akkufehlern führen.
- Verwenden Sie das Gerät nicht während des Ladevorgangs.
- Verfügt ihr Gerät über einen zusätzlichen Speicherplatz, dann benutzen sie nur Speicherkarten die der entsprechenden Spezifikations des Gerätes entspricht.

SICHERHEITSHINWEISE FÜR MOBILE GERÄTE

- Verwenden Sie das Gerät nicht in extremen Umgebungen wie Hitze, Kälte, Staub, Rauch oder hoher Feuchtigkeit.
 - Platzieren Sie das Gerät nicht in der Nähe von Gegenständen, die starke Magnetfelder abstrahlen können z.B. TV-Geräte, Monitore, Lautsprecher, Induktionsherde....
 - Verwenden Sie das Gerät nicht bei Gewitter.
 - Drücken sie nicht gleichzeitig mehrere Tasten
 - Achten Sie darauf, dass das Gerät nicht herunterfällt, gequetscht wird oder mit harten Gegenständen zusammenstößt.
 - Verwenden Sie keine chemischen Lösungsmittel oder Reinigungsmittel, um das Gerät zu reinigen.
 - Es ist normal, dass sich das Gerät beim Laden oder bei der Wiedergabe leicht heiß wird.
 - Vergewissern Sie sich, dass der Lautstärkewert richtig eingestellt ist, bevor Sie die Kopfhörer einsetzen. Zu hohe Lautstärke kann das Ohr schädigen. Achten sie darauf nicht zu lange und zu laut Musik zu hören.
 - Bitte verwenden Sie den Player nicht während des Ladens.
 - Wenn Sie dieses Gerät längere Zeit nicht verwenden, müssen Sie es dennoch regelmäßig aufladen, um die Akkuleistung aufrechtzuerhalten.
 - Bitte versuchen Sie nicht, das Gerät zu öffnen, da dies zu Schäden führen und die Garantie erlöschen kann. Bitte wenden Sie sich an Ihren Händler vor Ort, wenn Sie einen Garantie- und/oder Reparaturservice benötigen.
 - Wir ein Bild für längere Zeit auf dem Bildschirm angezeigt, kann dies zum Einbrennen in den Bildschirm führen. (Nachbild).
 - Der Bildschirm kann durch Schutzfolien und Aufkleber von schlechter Qualität beschädigt werden.
 - Stecken sie keinesfalls Fremdkörper in nicht dafür vorgesehenen Öffnungen wie z.B. Kopfhörerbuchsen, USB-Buchsen, Lautsprecherbuchsen...
 - Bedienen sie das Gerät niemals während der Fahrt im KFZ, beim Laufen, Fahrradfahren... Achten sie darauf jederzeit ihre Umgebung zu hören.
 - Stellen Sie das Gerät nicht ins Feuer und versuchen Sie nicht, den Player zu erhitzen. Dies kann dazu führen, dass die Batterie explodiert. Wenn Sie bemerken, dass die Batterie des Geräts zu heiß wird, schalten Sie den Player aus und ziehen Sie das Ladekabel, die Kopfhörer und alle angeschlossenen externen Geräte ab.
- GB8898-2011 (Audio-, Video- und ähnliche elektronische Geräte – Sicherheitsanforderungen), China Quality Certification Centre (CQC)

EN

Use these headphones only for the intended applications.
Austrian Audio cannot accept any liability for damages resulting from improper handling or misuse.



Listening to personal stereo equipment at full volume for long periods can damage the user's hearing.

Complies with IEC 62368-1:2018 for mobile audio equipment.



Declaration of Conformity at <https://austrian.audio>



When the product reaches the end of its life, separate the housing, electronics and cables and dispose of all components in accordance with local waste disposal regulations!

DE

Verwenden Sie diesen Kopfhörer nur für die vorgesehenen Anwendungen.
Für Schäden infolge unsachgemäßer Handhabung oder missbräuchlicher Verwendung kann Austrian Audio keine Haftung übernehmen.



Das lang andauernde Tragen von Kopfhörern bei voller Lautstärke kann das Gehör schädigen.

Entspricht dem Standard IEC 62368-1:2018 für mobile Audio-Geräte.



Konformitätserklärung auf <https://austrian.audio>



Am Ende der Lebensdauer des Produkts, trennen Sie Gehäuse, Elektronik und Kabel und entsorgen Sie alle Komponenten gemäß den örtlichen Abfallentsorgungsbestimmungen.



HERSTELLER

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