

# CD Radio Cassette-Corder

CFD-S05

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## WARNING

**To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.**

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

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## 警告

**為防火災或觸電危險，切勿讓機器暴露於雨中或潮濕處。**

為防止火災，請勿讓報紙、桌布、窗簾等蓋住裝置的通風孔。也不可把點燃的蠟燭放在裝置上。

為防火災或觸電危險，不可讓本機被滴瀝或濺濕，並且不可在裝置上擺飾花瓶等裝滿液體的物體。

因為電源插頭用於斷開本機與總電源的連接，所以請將本機連接至容易插拔的交流電源插座。如果發現本機發生異常，請立即將電源插頭從交流電源插座上拔下。

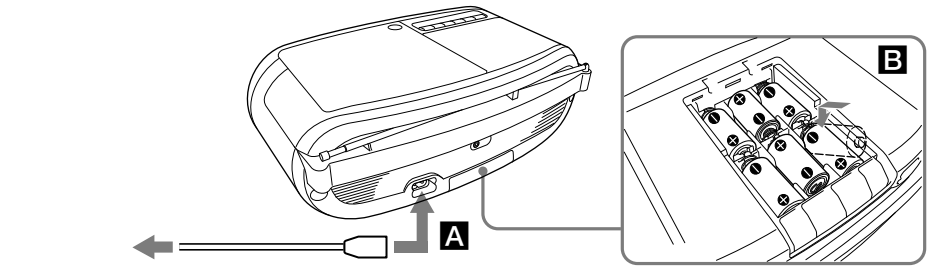
即使已經關閉播放機本身的電源，只要 AC 電源線仍連接至牆上供電插座，播放機並未中斷 AC 的電源（總電源）。

別把機器安裝在諸如書櫃等密閉處。

請勿讓電池（安裝的電池組或電池）長時間暴露在過熱的環境中，例如：陽光、火源等。

銘牌和重要安全資訊位於外殼底部。

## Power sources



Connect the AC power cord **A** or insert six R14 (size C) batteries (not supplied) into the battery compartment **B**.

### Notes

- Replace the batteries when the OPR/BATT indicator dims or when the unit stops operating. Replace all the batteries with new ones. Before you replace the batteries, be sure to take out the CD from the unit.
- To use the unit on batteries, disconnect the AC power cord from the unit.

## Specifications

<b>CD player section</b>	Input
System	AUDIO IN jack (stereo minijack)
Compact disc digital audio system	Power output
Laser diode properties	1.7 W + 1.7 W (at 4 Ω, 10% harmonic distortion)
Emission duration: Continuous	Power requirements
Laser output: Less than 44.6 μW	For CD radio cassette-corder:
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)	120 V AC, 60 Hz
Number of channels	9 V DC, 6 R14 (size C) batteries
2	Power consumption
Frequency response	AC 13 W
20 Hz - 20,000 Hz +1/-2 dB	Battery life
Wow and flutter	For CD radio cassette-corder:
Below measurable limit	
<b>Radio section</b>	<b>FM recording</b>
Frequency range	Sony R14P: approx. 4.5 h
FM: 87.5 MHz - 108 MHz	Sony alkaline LR14: approx. 19 h
AM: 531 kHz - 1,602 kHz	<b>Tape playback</b>
Antennas	Sony R14P: approx. 2.5 h
FM: Telescopic antenna	Sony alkaline LR14: approx. 13 h
AM: Built-in ferrite bar antenna	<b>CD playback</b>
<b>Cassette-corder section</b>	Sony R14P: approx. 1 h
Recording system	Sony alkaline LR14: approx. 8 h
4-track 2 channel stereo	
Fast winding time	Dimensions
Approx. 150 s (sec.) with Sony cassette C-60	Approx. 365 mm × 134 mm × 230 mm (w/h/d)
Frequency response	(incl. projecting parts)
TYPE I (normal): 80 Hz - 10,000 Hz	Mass
<b>General</b>	Approx. 2.7 kg (incl. batteries)
Speaker	Supplied accessory
Full range: 8 cm dia., 4 Ω, cone type (2)	AC power cord (1)
Outputs	Design and specifications are subject to change without notice.
Headphones jack (stereo minijack):	<b>Optional accessory</b>
For 16 Ω - 32 Ω impedance headphones	Sony MDR headphones series

## Precautions

### Discs that this unit CAN play

- Audio CD
- CD-R/CD-RW (CD-DA\*)
- CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for Audio CDs.

### Discs that this unit CANNOT play

- CD-R/CD-RW other than those recorded in music CD format
- CD-R/CD-RW of poor recording quality, CD-R/CD-RW that has scratches or are dirty, or CD-R/CD-RW recorded with an incompatible recording device
- CD-R/CD-RW which is finalized incorrectly

### Notes on discs

- Before playing, clean the CD with a cleaning cloth. Wipe the CD from the center out. If there is a scratch, dirt or fingerprints on the CD, it may cause tracking error.



- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in temperature inside the car.
- Do not stick paper or sticker on the CD, nor scratch the surface of the CD.
- After playing, store the CD in its case.

### On safety

- As the laser beam used in the CD player section is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the unit, unplug the unit, and have it checked by qualified personnel before operating it any further.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.

### On power sources

- For AC operation, use the supplied AC power cord; do not use any other type.
- Unplug the unit from the wall outlet when it is not be used for an extended period of time.
- When the batteries are not to be used, remove them to avoid damage that can be caused by battery leakage or corrosion.

### On placement

- Do not leave the unit in a location near heat sources, in a place subject to direct sunlight, excessive dust or mechanical shock or in a car subject to the direct rays of the sun.
- Do not place the unit on an inclined or unstable place.
- Do not place anything within 10 mm of the side of the cabinet. The ventilation holes must be unobstructed for the unit to operate properly and prolong the life of its components.
- Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the unit to prevent possible damage from the magnet.

## 注意事項

### 本播放機可播放的光碟

- 音訊 CD
- CD-R/CD-RW (CD-DA\*)
- CD-DA 是 Compact Disc Digital Audio 的縮寫。此為音訊 CD 的錄音標準。

### 本播放機無法播放的光碟

- 不是以音樂 CD 格式錄製的 CD-R/CD-RW
- 錄音品質差的 CD-R/CD-RW、有刮痕或髒污的 CD-R/CD-RW，或以不相容錄音裝置錄製的 CD-R/CD-RW
- 以不正確方式最終化的 CD-R/CD-RW

### 光碟須知

- 播放前，請用清潔布清潔 CD，請從中央向外擦拭 CD。如果 CD 上有刮痕、灰塵或指紋，可能會造成讀軌錯誤。



- 請勿使用例如汽油、稀釋劑、市面販售的清潔劑或用在黑膠唱盤上的抗靜電噴霧劑等溶劑。
- 請勿將 CD 直接曝曬在陽光下或曝曬在導熱管等熱源下，也不要將 CD 留在陽光直曬的車內，因為車內溫度可能會相當高。
- 請勿在 CD 上貼上紙或貼紙，也不要刮傷 CD 表面。
- 播放結束後，請將 CD 存放在 CD 盒內。

### 關於安全

- 由於 CD 播放機部分所使用的雷射光對眼睛有害，請勿試圖拆解機殼。請務必交付合格的人員進行維修。
- 如果本機內掉入任何堅硬物體或液體，請拔除本機插頭，停止任何進一步的操作並交由合格的人員進行檢查。
- 本機無法播放不合乎標準形狀的光碟（例如：心型、方塊、星型）。如果仍試圖播放可能會損壞本機。請勿使用類似的光碟。

### 關於電源

- 用 AC 電源操作時，請使用隨附的 AC 電源線；請勿使用其他類型的電源線。
- 長時間不使用本機時，請從牆上的供電插座拔除本機的電源。
- 不使用電池時，請將電池取出以避免因電池漏液或腐蝕所造成的損壞。

### 關於放置

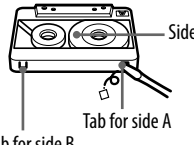
- 請勿將本機放置在靠近熱源，或可直接照射到太陽、特別多塵或會受到機械撞擊的地方，或放在陽光直曬的車內。
- 請勿將本機放在傾斜或不穩定的地方。
- 請勿將任何東西堆放在距離機側 10 mm 以內的地方。本機的通風口需保持不阻塞以便能操作正常並延長機器的使用壽命。
- 因為揚聲器部分採用有強力的磁鐵，故凡使用有磁體的個人信用卡，或發條手錶，都請遠離本機以免可能受磁力影響而受損。

### On operation

- If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player section. Should this occur, the unit will not operate properly. In this case, remove the CD and wait about an hour for the moisture to evaporate.
- If the unit has not been used for a long time, set it in the playback mode to warm it up for a few minutes before inserting a cassette.

### Notes on cassettes

- Break off the cassette tab from side A or B to prevent accidental recording. If you want to reuse the tape for recording, cover the broken tab with adhesive tape.



- The use of a cassette with more than 90 minutes of play time is not recommended except for long, continuous recording or playback.

### Cleaning the cabinet

- Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent, such as alcohol or benzine.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

## Troubleshooting

### General

#### The power is not on.

- Connect the AC power cord to the wall outlet securely.
- Make sure the batteries are inserted correctly.
- Replace all the batteries with new ones if they are weak.

#### There is no audio.

- Unplug the headphones when listening through speakers.

#### Noise is heard.

- Someone is using a portable telephone or other equipment that emits radio waves near the unit.
  - Move the portable telephone, etc., away from the unit.

### CD player

**The CD does not play or “Cd --” is displayed even when a CD is in place.**

- Place the CD with the label surface up.
- Clean the CD.
- Take out the CD and leave the CD compartment open for about an hour to dry moisture condensation.
- The CD-R/CD-RW is blank.
- There is a problem with the quality of the CD-R/CD-RW, recording device or application software.
- Replace all the batteries with new ones if they are weak.

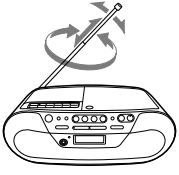
#### The sound drops out.

- Reduce the volume.
- Clean the CD, or replace it if the CD is badly damaged.
- Place the unit in a location free from vibration.
- Clean the lens with a commercially available blower.
- The sound may drop out or noise may be heard when using a poor quality CD-R/CD-RW or if there is a problem with the recording device or application software.

### Radio

#### Reception is poor.

- Reorient the antenna to improve FM reception.



- Reorient the unit itself to improve AM reception.



#### The audio is weak or has poor quality.

- Replace all the batteries with new ones if they are weak.
- Move the unit away from the TV.

#### The picture of your TV becomes unstable.

- If you are listening to an FM program near the TV with an indoor antenna, move the unit away from the TV.

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因為電源插頭用於斷開本機與總電源的連接，所以請將本機連接至容易插拔的交流電源插座。如果發現本機發生異常，請立即將電源插頭從交流電源插座上拔下。

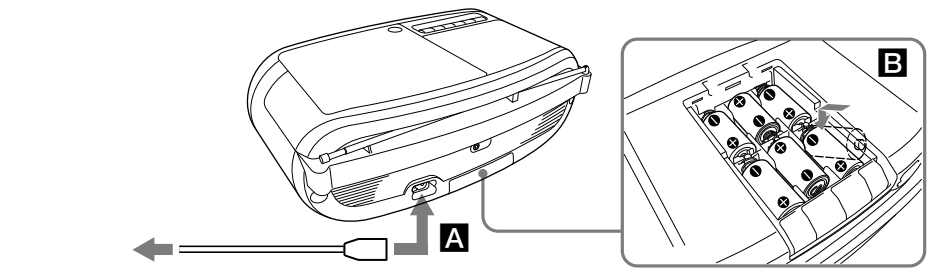
即使已經關閉播放機本身的電源，只要 AC 電源線仍連接至牆上供電插座，播放機並未中斷 AC 的電源（總電源）。

別把機器安裝在諸如書櫃等密閉處。

請勿讓電池（安裝的電池組或電池）長時間暴露在過熱的環境中，例如：陽光、火源等。

銘牌和重要安全資訊位於外殼底部。

## 電源



連接 AC 電源線 **A** 或安裝六個 R14 (C 型) 電池（未隨附）到電池室 **B**。

### 註

- 當 OPR/BATT 指示燈 變暗或本機停止運作時，請更換電池。將所有電池更換成新的。更換電池前，請確定先將 CD 從本機中取出。
- 要使用電池操作本機，請拔除本機的 AC 電源線。

## 規格

<b>CD 播放機部分</b>	輸入
系統	AUDIO IN 插孔 (立體聲小型插孔)
光碟數位音訊系統	功率輸出
雷射二極管特性	1.7 W + 1.7 W (4 Ω, 諧波失真 10% 時)
雷射時間：連續	電壓要求
雷射輸出：小於 44.6 μW	CD 收音機卡帶錄音機：
(此輸出值是距距離具有 7 mm 光圈的雷射拾音元件上)	120 V AC, 60 Hz
發光表面大約 200 mm 處測得的。)	9 V DC, 6 R14 (C 型) 電池
<b>發音數</b>	電力消耗
2	AC 13 W
<b>頻率響應</b>	電池使用時間
20 Hz - 20,000 Hz +1/-2 dB	CD 收音機卡帶錄音機：
<b>頻率響應</b>	<b>FM 錄音</b>
可調範圍以下	Sony R14P: 大約 4.5 小時
<b>收音機部分</b>	Sony 鹼性電池 LR14: 大約 19 小時
頻率範圍	<b>播放磁帶</b>
FM: 87.5 MHz - 108 MHz	Sony R14P: 大約 2.5 小時
AM: 531 kHz - 1602 kHz	Sony 鹼性電池 LR14: 大約 13 小時
天線	<b>CD 播放</b>
FM: 套筒式天線	Sony R14P: 大約 1 小時
AM: 內裝鐵氧體棒狀天線	Sony 鹼性電池 LR14: 大約 8 小時
<b>卡帶錄音機部分</b>	尺寸
錄音系統	大約 365 mm × 134 mm × 230 mm (寬/高/深)
錄音系統	(含突出部分)
4 軌道 2 聲道立體聲	質量
快繞時間	大約 2.7 kg (含電池)
大約 150 s (秒)，使用 Sony C-60 卡帶	隨機附件
頻率響應	AC 電源線 (1)
TYPE I (標準型)：80 Hz - 10,000 Hz	設計和規格有所變更時，恕不另行奉告。
<b>共通</b>	<b>選購附件</b>
揚聲器	Sony MDR 耳機系列
全音頻範圍：8 cm 直徑，4 Ω, 錐形 (2)	
輸出	
耳機插孔 (立體聲小型插孔)：	
用於 16 Ω - 32 Ω 阻抗耳機	

### Tape player

**The tape does not move when you press an operation button.**

- Close the cassette compartment securely.

**The button does not function or the tape does not play or record.**

- Make sure the safety tab on the cassette is in place.

#### Poor or distorted playback, recording or erasing quality.

- Clean the heads by using dry- or wet-type cleaning cassette (available separately) after every 10 hours of use, before you start an important recording, or after playing an old tape. Failure to clean the tape heads can cause degraded sound quality or an inability of the unit to record or play tapes. For details, refer to the instructions of the cleaning cassette.
- The TYPE I (high position) or TYPE IV (metal) tape is being used. Use TYPE I (normal) tape only.
- Demagnetize the heads using a commercially available tape head demagnetizer.
- Replace all the batteries with new ones if they are weak.

After trying the remedies, if you still have problems, unplug the AC power cord or remove all the batteries. After all the indications in the display disappear, plug the AC power cord or insert the batteries again. If the problem persists, please consult your nearest Sony dealer.

## 故障排除

### 共通

#### 打不開電源。

- 請將 AC 電源線牢固地連接至牆上供電插座。
- 請確認電池有沒有裝插正確。
- 如果電池變弱了，請將所有電池更換成新的。

#### 沒有聲音。

- 用揚聲器聽時，一定要拔下耳機。

#### 可聽到噪聲。

- 有人在本機附近使用行動電話或其他會發射無線電波的裝置。
  - 請把行動電話等移離本機。

### CD 播放機

#### 即使裝著 CD 也不能播放 CD 或在顯示器中顯示 “Cd--”。

- 必須須貼標籤面朝上裝入 CD。
- 清潔 CD。
- 取出 CD，讓 CD 光碟室開著大約一個小時，等冷凝水份蒸發乾。
- CD-R/CD-RW 為空白片。
- CD-R/CD-RW、錄音裝置或應用軟體有問題。
- 如果電池變弱了，請將所有電池更換成新的。

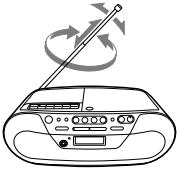
#### 聲音斷斷續續。

- 請減小音量。
- 清潔 CD，或如果 CD 損傷嚴重，請更換別的 CD。
- 請將本機放在不會震動的地方。
- 利用市售的吹風機清潔透鏡。
- 如果使用的 CD-R/CD-RW 品質差，或錄音裝置或應用軟體有問題，聲音可能會斷斷續續或有噪聲。

### 收音機

#### 接收狀況差。

- 請調整本機方位以改善 FM 收音。



- 請調整本機方位以改善 AM 收音。



#### 音訊微弱或音質差。

- 如果電池變弱了，請將所有電池更換成新的。
- 請把本機移離電視機。

#### 電視機的影像變得穩定。

- 您如果是靠近使用室內天線的電視機收聽 FM 廣播節目，請把本機移離電視機。

### 磁帶播放機

#### 按了操作按鈕時，磁帶並不動。

