

Radio Cassette Player

Operating Instructions

使用説明書（反面）

사용설명서(뒷면)



WM-EC1

Sony Corporation ©2002 Printed in Japan



eco info Printed on 100% recycled paper using VOC (Volatile Organic Compound)-free vegetable oil based ink.

- Lead-free solder (is) used for soldering in main portions.
- The main printed wiring boards do not contain halogenated flame retardants.
- No Poly-Vinyl-Chloride is used for the cord of the Headphones.
- Vegetable-based Plastic is used for the cabinet of the main unit. Vegetable-based plastic can be decomposed into water (H₂O) and carbon dioxide (CO₂) by natural microorganisms. It uses recyclable natural sources, and aims to save petroleum resource.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

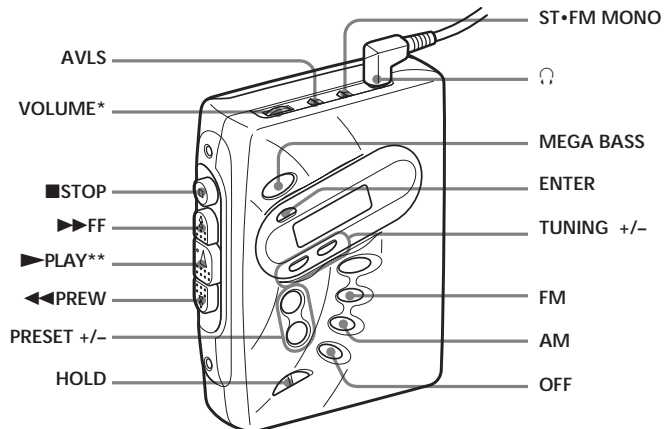
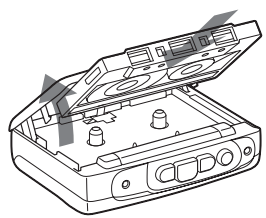
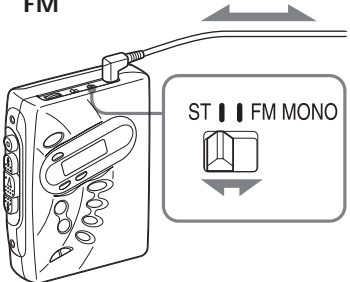
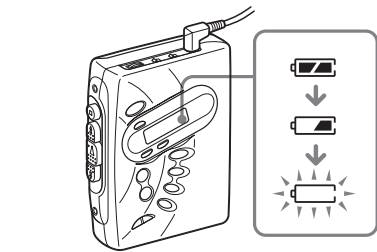
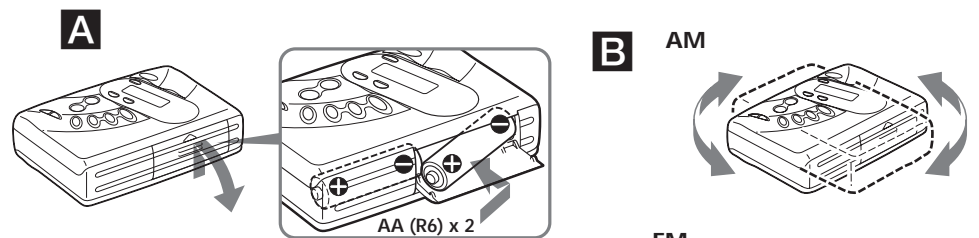
CE標誌的有效性，僅限於那些有法律限制的國家，主要在 EEA（歐洲經濟區）國家。

CE EEA ()

<http://www.sony.net/>

"WALKMAN" is a registered trademark of Sony Corporation.

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- * There is a tactile dot beside VOLUME on the main unit to show the direction to turn up the volume.
- ** The button has a tactile dot.

Specifications

- **Frequency range**
FM: 87.5 - 108 MHz
AM: 530 - 1 710 kHz (North, Central and South America)
531 - 1 602 kHz (Other countries)
- **Power requirements**
3V DC, batteries R6 (size AA) x 2
- **Dimensions (w/h/d)**
Approx. 91.6 x 116.1 x 35.3 mm (3 ³/₄ x 4 ³/₄ x 1 ⁷/₁₆ inches)
excl. projecting parts and controls
- **Mass**
Approx. 174 g (6.2 oz) (main unit only)
- **Supplied accessory**
Stereo headphones or Stereo earphones (I)

Design and specifications are subject to change without notice.

| | Sony alkaline LR6 (SG)** | Sony R6P (SR) |
|-----------------|--------------------------|---------------|
| Tape playback | 25 | 7.5 |
| Radio reception | 40 | 14 |

* Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association).
(Using a Sony HF series cassette tape)

**When using Sony LR6(SG) "STAMINA" alkaline dry batteries (produced in Japan).

Note

- The battery life may be shorter depending on the operating condition, the surrounding temperature and battery type.

English

Preparations

To Insert Batteries **A**

- 1 Slide open the battery compartment lid, and insert two R6 (size AA) dry batteries with correct polarity.

Replace the batteries with the new ones when " " flashes in the display.

Playing a Tape

- 1 Insert a cassette.
- 2 Press ►PLAY. Adjust the volume with VOLUME.

| To | Press |
|---------------|---------------|
| Stop playback | ■STOP |
| Wind rapidly* | ►►FF or ◀◀REW |

* If you leave the unit after the tape has been wound or rewound, the battery will be consumed rapidly. Be sure to press ■STOP.

Note

- Do not open the cassette holder while the tape is running.

Listening to the Radio

- 1 If the HOLD function is turned on, slide the HOLD switch in the opposite direction of the arrow to unlock the controls. Make sure that the tape has stopped completely.
- 2 Press FM or AM to select the desired band and to turn on the radio.
- 3 Press TUNING +/- to tune in to the desired station.
If you hold down TUNING +/- for a few seconds, the Walkman will start tuning to the stations automatically.

To turn off the radio

Press OFF.

To improve broadcast reception **B**

- **For FM:** Extend the headphones/earphones cord (antenna) or adjust ST • FM MONO.
- **For AM:** Reorient the unit itself.

Presetting Radio Stations

You can preset up to 30 stations, 20 for FM and 10 for AM.

Presetting Automatically Scanned Stations

- 1 Press FM or AM to select the desired band and to turn on the radio.
- 2 Press ENTER for more than 2 seconds. Preset number 1 will flash in the display and the Walkman starts scanning the stations from the lower frequencies and stops for about 3 seconds when a station is received.
- 3 If you wish to preset the received station, press ENTER while the preset number is flashing. The received station is preset on preset number 1 and the unit starts scanning for the next receivable station.
- 4 Repeat step 3 until all receivable stations are preset.

To turn off the radio

Press OFF.

Note

- If stations are already stored, the newly preset stations replace the old ones when the above procedure is completed.

Presetting Stations Manually

- 1 Press FM or AM.
- 2 Press ENTER. The frequency digits and a preset number flash in the display.
- 3 While the frequency digits and the preset number are flashing, tune in to a station you wish to store using TUNING +/-, and select a preset number using PRESET +/-.
- 4 While the frequency digits and the preset number are flashing, press ENTER.

Notes

- If you cannot complete step 3 or 4 while the indicators are flashing, repeat from step 2.
- If a station is already stored, the new station replaces the old one.

To cancel a stored station

Follow the procedure above and in step 3, press and hold TUNING +/- until "----" is displayed and select the preset number you want to cancel using PRESET +/- . Press ENTER while "----" is flashing.

Playing the preset radio stations

- 1 Press FM or AM to select the band.
- 2 Press PRESET +/-.

Using other functions

Locking the controls

Set the HOLD switch in the direction of the ► mark to lock the controls.

The HOLD function only locks the radio operation buttons and MEGA BASS.

Emphasizing bass sound

Press MEGA BASS.

"MEGA BASS" appears in the display.

Notes

- If the sound is distorted when MEGA BASS is activated, turn down the volume of the main unit or select normal mode.
- Bass emphasis may not show great effect if the volume is tuned up too high.

Protecting your hearing—AVLS (Automatic Volume Limiter System)

Set AVLS to LIMIT. The maximum volume is kept down to protect your ears.

Precautions

On batteries

- Do not carry dry batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally contacted by a metallic object.
- When you are not going to use your Walkman for a long time, remove the batteries to prevent damage from battery leakage and corrosion.

On handling

- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, or in a car with its windows closed.
- Do not use cassettes longer than 90 minutes except for long continuous playback.
- The LCD display may become hard to see or slow down when using the unit at high temperatures (above 40°C /104°F) or at low temperatures (below 0°C /32°F). At room temperature, the display will return to its normal operating condition.
- 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 you start using it again.

On headphones/earphones

Road safety

Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headphones/earphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Do not use headphones/earphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

On maintenance

- Clean the tape head and tape path using a cotton swab and commercially available cleaning solvent after every 10 hours of use.
- To clean the exterior, use a soft cloth slightly moistened in water. Do not use alcohol, benzine or thinner.
- Clean the headphones/earphones plugs periodically.

A

B AM

FM

* 在主機上 VOLUME 旁邊有一個觸感圓點，表示轉大音量的方向。
** 按鈕有觸感圓點。

| 按鈕 | 功能 |
|------------|--------|
| VOLUME + | 轉大音量 |
| VOLUME - | 轉小音量 |
| STOP | 停止播放 |
| FF | 快進 |
| REW | 快退 |
| PRESET +/- | 預設電台 |
| HOLD | 鎖定控制 |
| ST*FM MONO | 立體聲/單聲 |
| MEGA BASS | 加重低音 |
| TUNING +/- | 調頻 |
| FM | FM 模式 |
| AM | AM 模式 |
| OFF | 關閉無線電 |

中文

準備

插入電池 **A**

- 滑移並打開電池艙蓋，按正確極性插入兩節 R6 (3號, AA) 乾電池。

當顯示窗上 " " 閃爍時更換新電池。

播放磁帶

- 插入盒帶。
- 按 ► PLAY 鈕。

用 VOLUME 鈕調節音量。

| 要 | 按 |
|------|----------------|
| 停止播放 | ■ STOP |
| 快進* | ►► FF 或 ◀◀ REW |

* 如果磁帶已捲帶或倒帶後仍讓本機運行，電池將很快耗盡。務必按 ■ STOP 鈕。

註

- 磁帶在運行中不要打開盒帶座。

收聽無線電

- 如果 HOLD 功能打開，將 HOLD 開關沿箭頭相反方向滑動以解開控制鈕。確認磁帶已完全停止。
- 按 FM 或 AM 鍵選擇需要的波段並打開無線電。
- 按 TUNING +/- 鈕調入需要的電臺。如果按下 TUNING +/- 鈕幾秒鐘，Walkman (本機) 將自動地開始調諧電臺。

關閉無線電

按 OFF 鈕。

改善廣播接收 **B**

- 對於 FM：延長頭戴耳機 / 耳機線 (天線) 或調節 ST*FM MONO。
- 對於 AM：重新定向本機。

預設電臺

您可以預設多達30個電臺，FM 20個臺，AM 10個臺。

預設自動掃描的電臺

- 按 FM 或 AM 鍵選擇需要的波段並打開無線電。
 - 按 ENTER 鈕 2 秒鐘以上。
- 預設號 1 將在顯示窗上閃爍。Walkman (本機) 開始從低頻段掃描電臺，在接收到電臺時停止約 3 秒鐘。
- 如果您要預設接收到的電臺，在預設號閃爍時按 ENTER 鈕。接收到的電臺被預設於預設號 1，本機開始掃描下一個可接收的電臺。
 - 重複步驟 3 直至所有可接收電台均被預設。

停止掃描

按 OFF 鈕。

註

- 如果電臺早已預設，當完成上述步驟時，新預設的電臺就取代原有的電臺。

手動預設電臺

- 按 FM 或 AM 鈕。
- 按 ENTER 鈕。頻率數字和預設號在顯示窗上閃爍。
- 當頻率數字和預設號閃爍時，用 TUNING +/- 鈕調入您想儲存的電臺，並用 PRESET +/- 鈕選擇預設號。
- 當頻率數字和預設號閃爍時，按 ENTER 鈕。

註

- 如果上述指示閃爍時您不能完成步驟 3 或步驟 4，請從步驟 2 開始重複操作。
- 如果電臺早已儲存，新電臺就取代原有的電臺。

取消儲存的電臺

遵循上述步驟，並在步驟 3 按和按住 TUNING +/- 鈕直到 " - - - - " 顯示，用 PRESET +/- 鈕選擇您要取消的預設號。在 " - - - - " 閃爍時按 ENTER 鈕。

播放預設的電臺

- 按 FM 或 AM 以選擇波段。
- 按 PRESET +/- 鈕。

使用其他功能

鎖定控制鈕

將 HOLD 開關設於 ► 標誌方向以鎖定控制鈕。HOLD 功能僅鎖定無線電操作鈕和 MEGA BASS 鈕。

加重低音聲

按 MEGA BASS 鈕。顯示 " MEGA BASS "。

註

- 當激活 MEGA BASS 時，如果聲音失真，降低主機音量或選擇正常模式。
- 如果音量調得太高，低音加重可能沒有很大效果。

保護您的聽覺-AVLS (自動音量限制系統)

將 AVLS 設於 LIMIT。這將限制最大音量以保護您的耳朵。

注意事項

關於電池

- 乾電池不要向錢帶或其他金屬物件放在一起。如果金屬物件偶爾接觸電池的正極與負極，就會發熱。
- 如果 Walkman (本機) 長期不用，請取出電池以免本機因電池漏液、腐蝕而受損。

關於處置

- 不要將本機放在靠近熱源或受陽光直射、多塵、多沙、潮濕、雨淋、機械振動的地方，也不要留在車窗關閉的車內。
- 除了長時間連續播放外，請不要使用超過 90 分鐘的盒帶。
- 本機在高溫 (40 以上) 或低溫 (0 以下) 條件下使用，液晶顯示窗很難看清楚或者顯示速度放慢。在室溫下，顯示窗恢復到正常操作狀況。
- 如果本機已長期不用，在重新開始使用前將其設於播放模式加溫幾分鐘。

關於頭戴耳機 / 耳機

途中安全
 駕車、騎自行車或駕駛任何摩托車輛時不要使用頭戴耳機 / 耳機，這可能導致交通事故且在有些地區是違法的。走路特別穿越人行橫道時用頭戴耳機 / 耳機大音量播放也是有潛在危險的。在有潛在危險的場合應格外小心，或者停止使用本機。

防止聽力受損

不要大音量使用頭戴耳機 / 耳機。聽力專家反對持續、大聲和不斷的播放。如果您感覺耳鳴，請降低音量或停止使用。

關心他人

音量保持中等位準。這樣您可聽到外面的聲音，對您周圍的人也是合適的。

維修須知

- 每使用了 10 個小時，即請用棉棒和市售清潔液清潔一下磁頭和磁帶通道。
- 請用軟布輕蘸溫清水擦拭機器外殼。切勿使用酒精，汽油或稀硫酸。
- 請定期地清潔頭戴耳機 / 耳機和遙控器的插頭。

A

- 按 R6(AA) 電池圖示位置。
- 按 " " 圖示位置。

B

- 按 STOP 鈕。
- 按 FF 或 REW 鈕。

1 HOLD

2 FM AM

3 TUNING +/-

Walkman

TUNING +/-

OFF

30, AM 10 : FM 20

1 FM AM

2 ENTER 2

Walkman

3

ENTER

4 3

OFF

1 FM AM

2 ENTER

3 TUNING +/-

4 ENTER

OFF

1 FM AM

2 ENTER

3 TUNING +/-

4 ENTER

OFF

1 FM AM

2 ENTER

3 TUNING +/-

4 ENTER

3 TUNING +/- " " 圖示位置

ENTER

1 FM AM

2 PRESET +/-

HOLD ►

HOLD MEGA BASS

MEGA BASS "MEGA BASS" 圖示位置

MEGA BASS

AVLS (Automatic Volume Limiter System)

AVLS LIMIT

Walkman

90

LCD (40°C)

0°C

1 FM AM

2 ENTER

3

ENTER

OFF

1 FM AM

2 ENTER

3 TUNING +/-

4 ENTER

OFF

1 FM AM

2 ENTER

3 TUNING +/-

4 ENTER

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