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## Radio Cassette Player

### Operating Instructions

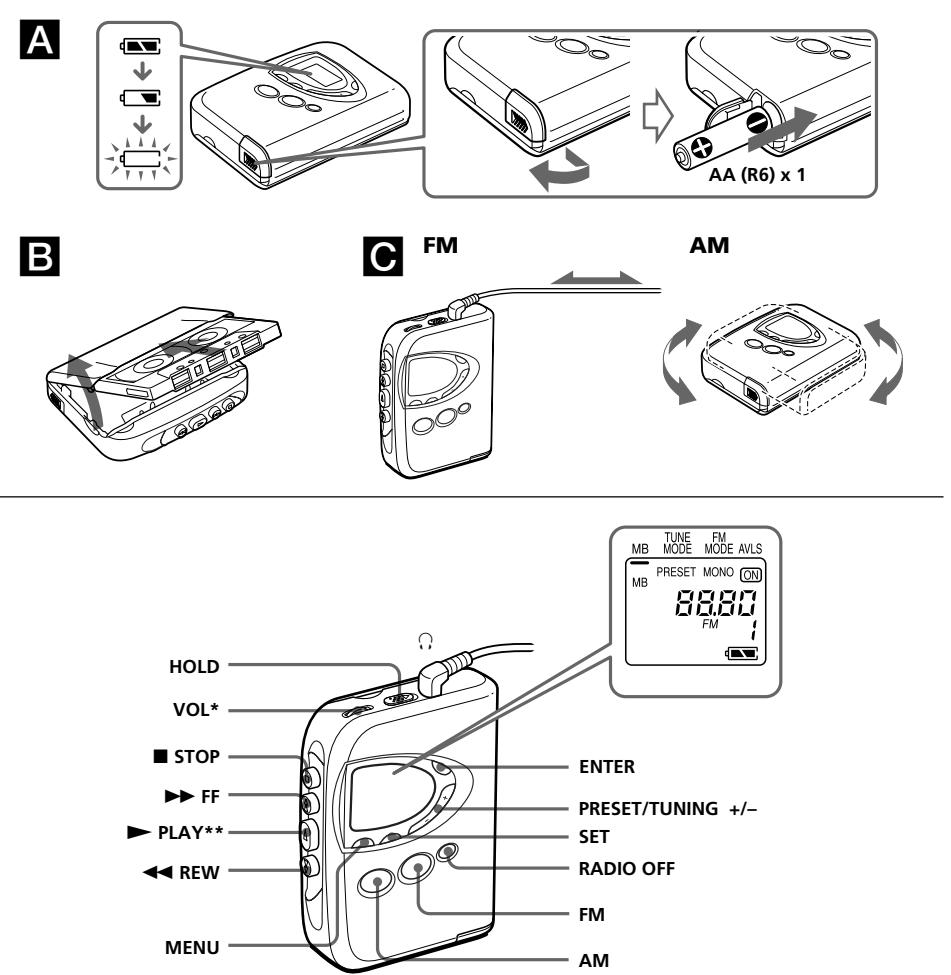
使用说明书 (反面)

تutorials التشغيل (في خلف الصفحة)



### WM-FX290

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\* There is a tactile dot beside VOL 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)

- Output  
Headphone (1/8) jack  
Load impedance 8 - 300 Ω

- Power requirements  
1.5V DC, battery R6 (size AA) x 1

- Dimensions (w/h/d)  
Approx. 83.6 x 112.0 x 28.3 mm (3 3/4 x 4 1/2 x 1 1/8 inches)  
excl. projecting parts and controls

- Mass  
Approx. 130 g (4.6 oz) (main unit only)

- Supplied accessories  
Stereo headphones or Stereo earphones (1)  
Carrying case with belt clip or Carrying pouch (1)

Design and specifications are subject to change without notice.

### Battery life\* (approximate hours)

	Sony alkaline LR6 (SG)**	Sony R6P (SR)
Tape playback	35	9
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 a Sony LR6 (SG) alkaline dry battery (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 Battery A

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

Replace the battery with new one when "—" flashes in the display.

## Playing a Tape

- Insert a cassette. B

- Press ▶ PLAY.

Adjust the volume with VOL.

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

- If the HOLD function is turned on, set the HOLD switch in the opposite direction of the ▷ mark to unlock the controls. Make sure that the tape has stopped completely.

- Press FM or AM to select the desired band and to turn on the radio.

### For manual tuning:

- Press MENU repeatedly to set "—" (the cursor) in the display to TUNE MODE and press SET to choose "MANUAL".

- Press PRESET/TUNING + or - repeatedly to tune in to the desired station.

Hold down PRESET/TUNING + or - for a few seconds to scan for stations.

### For preset tuning:

- Press MENU repeatedly to set the cursor in the display to TUNE MODE and press SET to choose "PRESET".

- Press PRESET/TUNING + or - repeatedly to recall the desired preset station.

To use preset tuning, preset the station first (see "Presetting Radio Stations").

### To turn off the radio

Press RADIO OFF.

### To improve broadcast reception C

• For FM: Extend the headphones/earphones cord (antenna). If the reception is still not good, press MENU repeatedly to set the cursor in the display to FM MODE. Then press SET to switch between "LOCAL" and none (DX), or "MONO" and none (stereo) for best reception.

• For AM: Reorient the unit itself.

## Presetting Radio Stations

You can preset up to 40 stations.

For Canada and Central/South America: 30 for FM and 10 for AM.

For other countries: 35 for FM and 5 for AM.

### Presetting Automatically Scanned Stations

- Press FM or AM to select the desired band and to turn on the radio.

- Press and hold ENTER for more than 3 seconds.

Preset number 1 will flash in the display and the Walkman starts scanning the stations from the lower frequencies and stops for about 5 seconds when a station is received.

- If you wish to preset the currently 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.

- Repeat step 3 until all receivable stations are preset.

### To stop scanning

Press RADIO OFF. The radio is turned off at the same time.

### Notes

- If stations are already stored, the newly preset stations replace the old ones when the above procedure is completed.
- If stations cannot be preset automatically, preset them manually.

## Presetting Stations Manually

- Press FM or AM to select the desired band and to turn on the radio.

- Press ENTER.

The frequency digits will flash in the display.

- While the frequency digits are flashing, tune in to a station you wish to store using PRESET/TUNING + or - and press ENTER.

The preset number will flash in the display.

- While the preset number is flashing, select the preset number you want using PRESET/TUNING + or - and 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.

## Playing the Preset Radio Stations

- Press FM or AM to select the desired band and to turn on the radio.

- Press MENU repeatedly to set the cursor in the display to TUNE MODE. Then press SET to display "PRESET".

- Press PRESET/TUNING + or -.

### To cancel a stored station

- Follow the procedure above and in step 3, select the preset number you want to cancel and then press ENTER. The frequency digits will flash in the display.

- Press and hold PRESET/TUNING + or -. The frequency digit starts running up or down. Keep holding down the button until "----" is displayed.

- Press ENTER while "----" is flashing. A preset number will flash in the display.

- Press ENTER to cancel the stored station.

## Scanning the Preset Radio Stations — DAPS (Digital Auto Preset Scanning)

- Press FM or AM to select the desired band and to turn on the radio.

- Press and hold FM or AM pressed in step 1 for 2 seconds or more.

The preset stations of the selected band will be played for about 5 seconds each. (During DAPS the indicators in the display flash.)

- Press FM or AM again to select the station while the desired preset station is being played.

### Notes

- If there are no stations stored, the DAPS function does not work.
- Until a station is selected in step 3, the DAPS function turns on in step 2 will continue.
- In step 2 or 3, if you select a band which you did not select in step 1 by pressing FM or AM, the newly selected band will be played normally.

## 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, MENU, SET, PRESET/TUNING + or - and ENTER.

### Emphasizing Bass Sound

Press MENU repeatedly to set the cursor to MB (mega bass) in the display. Then, press SET to turn MB on. With each press, the indications change as follows.

MB (mega bass) : emphasizes bass sound  
No message: off (normal)

### Notes

- If the sound is distorted with the mode "MB", turn down the volume or select normal mode.
- Bass emphasis may not show great effect if the volume is turned up too high.

### Protecting Your Hearing—AVLS (Automatic Volume Limiter System)

Press MENU repeatedly to set the cursor to AVLS in the display. Then press SET to show "AVLS". 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 battery 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.
- We do not recommend the use of tape longer than 90 minutes. They are very thin and tend to be stretched easily. This may cause malfunction of the unit or sound deterioration.
- 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

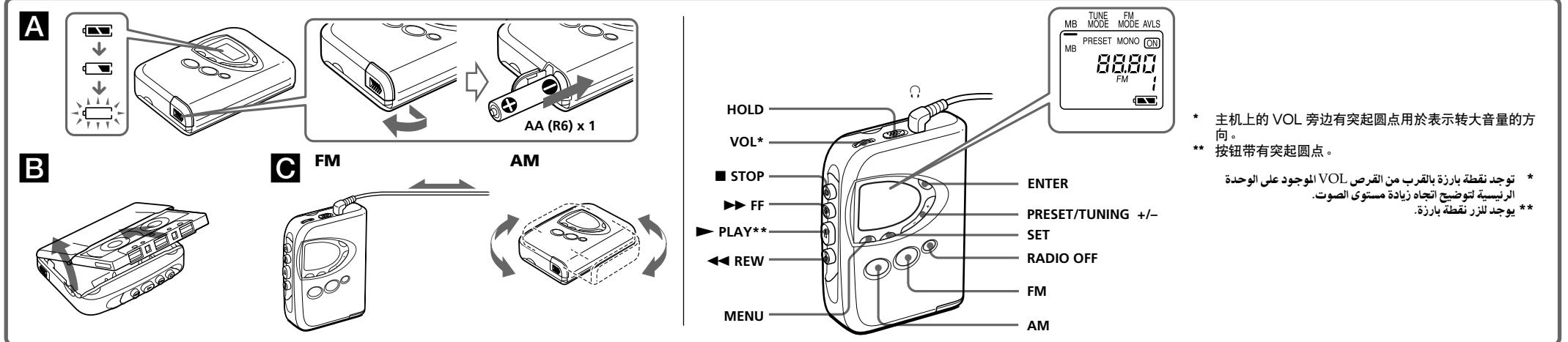
Do not use headphones/earphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

### 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, benzene or thinner.
- Clean the headphones/earphones plugs periodically.



中文

## 准备

### 插入电池 [A]

1 滑开电池室盖，按正确极性插入一节 R6 (AA, 5 号) 干电池。

当显示窗上 “←” 起闪烁时，即请更换新电池。

### 播放磁带

#### 1 插入磁带。[B]

2 按 ▶ PLAY。

用 VOL 调节音量。

要	请按
停止播放	■ STOP
快绕*	▶▶ FF 或 ◀◀ REW

\* 如果磁带已卷带或绕回后仍不停掉本机，电池将很快耗尽。一定请按 ■ STOP。

注  
磁带在运行中不要打开磁带座。

### 收听无线电广播

1 如果 HOLD 功能打开着，即请将 HOLD 开关沿相反于 ▶ 标志的方向滑动以解开控制键。确认磁带已完全停止。

2 按 FM 或 AM 以选择所要的波段并打开收音机。

#### 3 要手动调台时

① 反复按 MENU 以便将显示上的 “\_” (游标) 设定在 TUNE MODE 并按 SET 以显示 “MANUAL”。

② 反复按 PRESET/TUNING + 或 - 调入所要的电台。

按住 PRESET/TUNING + 或 - 数秒以扫描电台。

#### 要预设电台时

① 反复按 MENU 以便将显示上的游标设定在 TUNE MODE 并按 SET 以显示 “PRESET”。

② 反复按 PRESET/TUNING + 或 - 选出所要的预设电台。

要使用预设电台时，请先预设电台（参见 “预设电台”）。

#### 要关掉收音机时

请按 RADIO OFF。

### 改善广播接收状况 C

• 对于 FM：伸长头戴耳机／耳机线（天线）。如果接收依然不良，请反复按 MENU 将显示窗中游标设定于 FM MODE。然后按 SET 以选择 “LOCAL” 和无 (DX)，或 “MONO (单声道)” 和无 (立体声) 中最佳的接收。

• 对于 AM：重新定向本机。

### 预设电台

您可以预设多达 40 个电台。  
加拿大和中／南美洲：FM 30 个台，AM 10 个台。

其它国家：FM 35 个台，AM 5 个台。

#### 自动地预设扫描的电台

1 按 FM 或 AM 以选择所要波段并打开收音机。

2 按 ENTER 3 秒钟以上。

预设号 1 将在显示窗上闪烁。Walkman 开始从低频段扫描电台，在接收到电台时停止约 5 秒钟。

3 如果您要预设接收到的电台，请在预设号闪烁时按 ENTER。

接收到的电台即被预设于预设号 1，本机将开始扫描下一个可接收的电台。

4 重复步骤 3 直至所有可接收电台均被预设。

### 停止扫描

按 RADIO OFF，收音机将同时关掉电源。

注

• 如果已预设了电台，当完成上述步骤时，新预设的电台将取代原有的电台。

• 如果电台不能自动预设，请用手动预设电台。

### 手动预设电台

1 按 FM 或 AM 以选择所要波段并打开收音机。

2 按 ENTER。

显示窗中即闪烁着频率数字。

3 当频率数字闪烁时，请用 PRESET/TUNING + 或 - 调入您想存储的电台，按 ENTER。

预约号将闪烁于显示窗中。

4 当预设号闪烁着时，请用 PRESET/TUNING + 或 - 选择所要预设号并按 ENTER。

注  
• 如果上述指示闪烁时您不能完成步骤 3 或步骤 4，请从步骤 2 开始重复操作。

• 如果已存储有电台，新电台即将取代原有的电台。

### 播放预设电台

1 按 FM 或 AM 以选择所要波段并打开收音机。

2 反复按 MENU，将显示窗中的游标设定于 TUNE MODE。然后按 SET 以显示 “PRESET”。

3 按 PRESET/TUNING + 或 -。

### 要取消所储存的电台时

1 按照上述方法而在步骤 3 里选择所要取消的预设号，然后按 ENTER。显示窗中即闪烁着频率数。

2 按住 PRESET/TUNING + 或 -。频率数开始增大或减小。按住该键至显示了 “---”。

3 当闪烁着 “---” 时按 ENTER。显示窗中即闪烁着预设号。

4 按 ENTER 以取消储存的电台。

### 扫描预设电台—DAPS (Digital Auto Preset Scanning)

1 按 FM 或 AM 以选择所要波段并打开收音机。

2 按住步骤 1 中按的 FM 或 AM 两秒或以上。所选波段的预设电台即各播放大约 5 秒。(在 DAPS 当中，显示窗中将闪烁着指示灯。)

3 当播放着所要预设电台时，再按一次 FM 或 AM 以选择电台。

#### 注

• 如果没储存电台，DAPS 功能将不起作用。

• 步骤 2 里的 DAPS 功能将继续打开着一直到在步骤 3 里选择了电台为止。

• 在步骤 2 或 3 里，如果您选择了在步骤 1 中并没有利用按 FM 或 AM 选择过的波段，新选波段即刻以正常模式播放。

### 使用其它功能

#### 锁定控制键

将 HOLD 开关设于 ▶ 标志方向以锁定控制键。HOLD 功能仅锁定收音机操作键、MENU、SET、PRESET/TUNING + 或 - 和 ENTER 按键。

#### 加重低音声

反复按 MENU 在显示窗中将游标设于 MB (强低音)。然后按 SET 打开 MB。每按一次，指示改变如下。

MB (强低音)：加重低音声

无信息：关掉 (正常)

注  
• 如果声音因 “MB” 模式而失真，请调低音量或选择正常模式。

• 如果音量调得太高，低音加重可能没有很大效果。

#### 保护您的听觉—AVLS (自动音量限制系统)

反复按 MENU 在显示窗中将游标设于 AVLS，然后按 SET 显示 “■■■”。最大音量被降低以保护您的耳朵。

反复按 MENU 在显示窗中将游标设于 AVLS，然后按 SET 显示 “■■■”。最大音量被降低以保护您的耳朵。

注  
• 如果您要预设接收到的电台，请在预设号闪烁时按 ENTER。

接收到的电台即被预设于预设号 1，本机将开始扫描下一个可接收的电台。

4 重复步骤 3 直至所有可接收电台均被预设。

### 停止扫描

按 RADIO OFF，收音机将同时关掉电源。

注

• 如果已预设了电台，当完成上述步骤时，新预设的电台将取代原有的电台。

• 如果电台不能自动预设，请用手动预设电台。

### 使用前须注意

#### 电池须知

• 干电池不要同钱夹或其它金属物件放在一起。如果金属物件偶尔接触电池的正极与负极，就会发热。

• 如果 Walkman 长期不用，请取出电池以免本机因电池漏液、腐蚀而受损。

• 预约号将闪烁于显示窗中。

• 当预设号闪烁着时，请用 PRESET/TUNING + 或 - 调入您想存储的电台，按 ENTER。

注  
• 如果上述指示闪烁时您不能完成步骤 3 或步骤 4，请从步骤 2 开始重复操作。

• 如果已存储有电台，新电台即将取代原有的电台。

#### 管理须知

• 不要将本机放在靠近热源或受阳光直射、多尘、多沙、潮湿、雨淋、机械振动的地方，也不要留在车窗关闭的车内。

• 请不要使用 90 分钟以上长度的磁带，这些磁带很薄，容易被拉伸。这可能导致本机故障或音质变差。

• 本机在高温 (40°C 以上) 或低温 (0°C 以下) 条件下使用，液晶显示屏很难看清楚或者显示速度放慢。在室温下，显示屏恢复到正常操作状态。

• 如果本机长期不用，在重新开始使用前，请将其置于播放模式预热几分钟。

• 如果上述指示闪烁时您不能完成步骤 3 或步骤 4，请从步骤 2 开始重复操作。

• 如果已存储有电台，新电台即将取代原有的电台。

#### 头戴耳机／耳机须知

• 路上安全

驾车、骑自行车或驾驶任何摩托车辆时不要使用头戴耳机／耳机，这可能导致交通事故且在有些地区是违法的；走路特别穿越人行横道时用头戴耳机／耳机大音量播放也是有潜在危险的。

• 防止听力受损

不要大音量使用头戴耳机／耳机。听力专家反对持续、大声和不断的播放。如果您感觉耳鸣，请降低音量或停止使用。

• 关心他人

音量保持中等水准。这样您便也能听到外面的声音，也可不骚扰周围的人。

#### 维修须知

• 每使用了 10 小时后，即请用棉棒和市售清洁液清洁一下磁头和磁带通道。

• 请用软布蘸清水擦拭机器外壳。切勿使用酒精、汽油或稀疏剂。

• 请定期地清洁头戴耳机／耳机和遥控器的插头。

### 规格

#### • 频率范围

FM: 87.5-108 MHz  
AM: 530-1 710 kHz (北美、中美和南美)  
531-1 602 kHz (其它国家)

#### • 输出

头戴耳机(?)插孔

负载阻抗 8 - 300 Ω

#### • 电源

1.5V DC, 电池 R6 (AA, 5 号) × 1 个

#### • 尺寸 (宽/高/纵深)

大约 83.6 × 112.0 × 28.3 mm

不包括凸出部分和控制键

#### • 质量

大约 130 g (主机为限)

#### • 随机附件

立体声头戴耳机或立体声耳机 (1)

有皮带扣的便携盒或携带软袋 (1)

设计和规格如有更新，恕不另行通知。

• 不使用头戴耳机／耳机时请勿将它们靠近扬声器或喇叭。

• 在聆听音乐时，请勿将它们靠近扬声器或喇叭。

• 请勿将它们靠近扬声器或喇叭。

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