

Microcassette™ - Corder

Operating Instructions

Manual de instruções

Manual de instruções (no verso)

الصفحة الخلفية) تعليمات التشغيل

M-850V/800V

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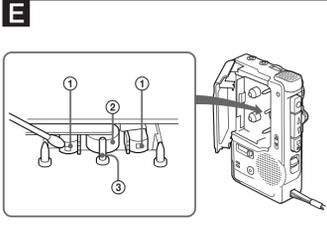
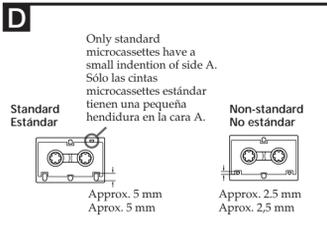
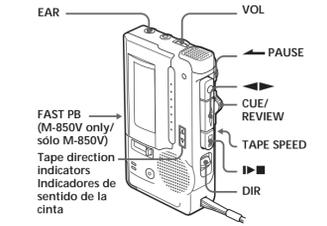
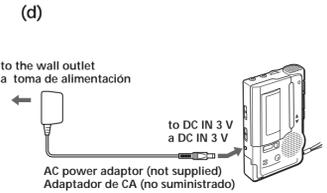
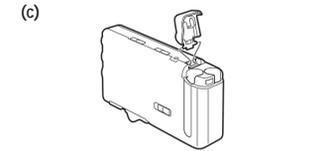
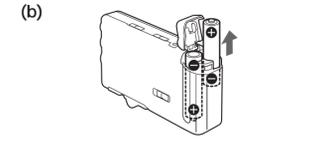
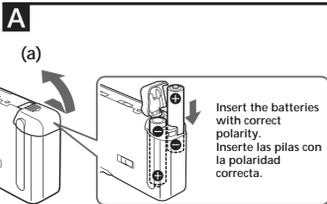
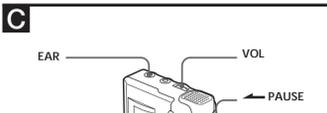
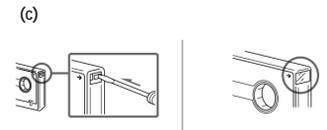
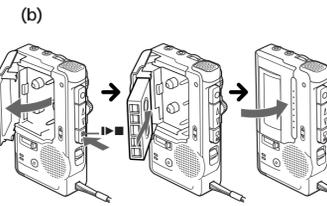
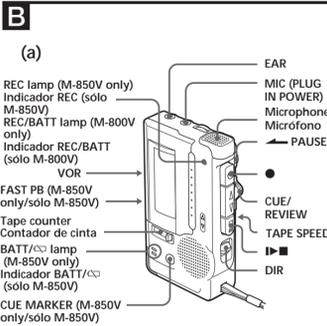
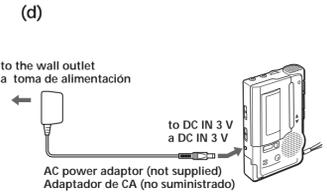
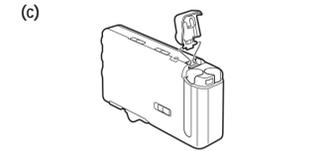
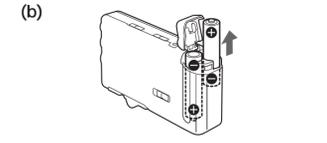
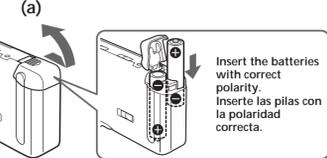
About This Manual

The instructions in this manual are for the M-850V and M-800V. Before you start reading, check your model number. The M-850V is the model used for illustration purposes. Any differences in operation are clearly indicated in the text, for example, "M-850V only".

Acerca de este manual

Las instrucciones de este manual son para los modelos M-850V y M-800V. Antes de comenzar su lectura, compruebe el número de su modelo. El M-850V es el modelo empleado en las ilustraciones. Las diferencias de funcionamiento se indican claramente en el texto, por ejemplo, "sólo M-850V".

A



Preparing Power Sources

Choose one of the following power sources.

Dry Batteries (see Fig. A-(a))

Make sure that nothing is connected to the DC IN 3V jack.

- 1 Open the battery compartment lid.
- 2 Insert two R03 (size AAA) batteries with correct polarity and close the lid.

To take out the batteries (see Fig. A-(b))

If the battery compartment lid is accidentally detached (see Fig. A-(c)) Attach it as illustrated.

When to replace the batteries

Replace the batteries with new ones when the REC/BATT lamp dims.

For M-850V Replace the batteries with new ones when the BATT lamp goes off and the \odot lamp flashes.

Notes

- The unit will play back normally for a while, even after the \odot lamp flashes. However, replace the batteries as soon as you can. If you do not, the playback cannot be made with normal sound, noise may be recorded and the recorded sound will not be loud enough (M-850V only).
- In the following cases you do not need to replace the batteries:
 - If the REC/BATT lamp, or BATT lamp flashes with the playback sound when you turn up the volume.
 - If the \odot lamp lights momentarily when the tape starts running or at the end of the tape (M-850V only).
 - If the \odot lamp flashes during FF (CUE) or REW (REVIEW) (M-850V only).

Battery life* (Approx. hours)

Batteries	Recording	Playback
Sony manganese R03 (SB)	5 (M-850V)	6 (M-800V)
Sony alkaline LR03 (SG)**	14 (M-850V)	15 (M-800V)

* Measured valued by the standard of JEITA (Japan Electronics and Information Technology Industries Association) (Using a Sony Microcassette)

** When using a Sony LR03 (SG) "STAMINA" alkaline dry batteries (produced in Japan)

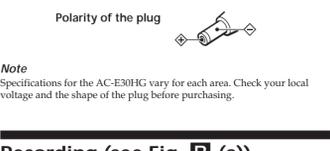
Note

The battery life may shorten depending on the operation of the unit.

House current (see Fig. A-(d))

Connect the AC power adaptor to DC IN 3V and to a wall outlet. Use the AC-E30HG* AC power adaptor (not supplied). Do not use any other AC power adaptor.

* For customers in Saudi Arabia and Australia: The AC-E30HG is not available in Saudi Arabia and Australia.



Recording (see Fig. B-(a))

Make sure that nothing is connected to MIC.

- 1 Press the reset button of the tape counter.

Note

The number in the tape counter will increase when playing back the forward side, and decrease when playing back the reverse side.

- 2 Press \blacksquare , insert a standard microcassette with the side to start recording facing the lid, and then close the lid. (see Fig. B-(b)).
- 3 Select the desired tape speed.
 - 2.4 cm for optimum sound (recommended for normal use): A 30-minute recording can be made using both sides of the MC-30 microcassette.
 - 1.2 cm for longer recording time: A 60-minute recording can be made using both sides of the MC-30 microcassette.
- 4 Choose recording sides.

To record on both sides

Slide DIR so that the FWD indicator turns green.

Recording will start from the side facing the cassette holder window (forward side) and switches automatically to the reverse side at the end of the side (Auto Reverse).

Note

Make sure the tabs on both sides are not removed. Even if only the tab on the reverse side is removed, recording cannot be made.

To record on a single side

Slide DIR so that the REV indicator turns green.

Recording will start from the side facing the unit (reverse side).

Note

Make sure the tab on the reverse side is not removed.

- 5 Set VOR to H, L or OFF.
 - If you set VOR to H or L, the unit automatically starts recording the sound and pauses when there is no sound (you can save tapes and batteries).
 - H: To record at meeting or in a quiet and/or spacious place.
 - L: To record for dictation or in a noisy place.
- 6 Press \blacktriangleleft .
 - \blacktriangleleft is pressed simultaneously and recording starts. While the tape runs, the REC lamp (M-850V) or REC/BATT lamp (M-800V) lights and flashes depending on the strength of the sound.
 - Recording level is fixed.

At the end of the reverse side, recording stops and the unit turns off automatically.

To	Press or slide
Stop recording	\blacksquare
Start recording during playback	\bullet during playback (the unit becomes in the recording mode)
Review the portion just recorded	Push up CUE/REVIEW toward REVIEW during the recording. Release the button at the point to start playback.
Pause recording	Slide \blacktriangleleft PAUSE in the direction of the arrow.
Take out a cassette	\blacksquare

Note

Select the 2.4 cm tape speed for recording, if you play back the recorded tape with another unit. Otherwise, the sound quality may be changed.

Notes on recording sides

- When recording on both sides, recording will not be made for a few seconds while the tape is switching sides.
- When you open the cassette holder, the direction of the tape is reset to the forward side.
- The DIR switch cannot be used during recording.

Notes on VOR (Voice Operated Recording)

- The VOR system depends on the environmental conditions. If you cannot get the desired results, set VOR to OFF.
- When you use the unit in a noisy place, it will stay in the recording mode. If the sound is too soft, on the contrary, the unit will not start recording. Set VOR to H (high) or L (low) depending on the conditions.

To monitor the sound

Connect an earphone to the EAR jack. The monitor volume cannot be adjusted by VOL.

To prevent a cassette from being accidentally recorded over (see Fig. B-(c))

Break out and remove the cassette tabs. To reuse the cassette for recording, cover the tab hole with adhesive tape.

Recording cue markers (M-850V only)

While recording, you can record a special signal on the tape to mark a specific position. At the desired position, press CUE MARKER to record a signal. The REC lamp flashes and a signal will be recorded on the tape. If you want to record a signal longer than that, press CUE MARKER as long as you want.

During cue and review, you will hear the beep sound at the signal position. During playback with the headphones plugged in, you will hear the soft signal, with low frequency sound at the signal position.

Notes

- We recommend recording cue markers when there is a break in the sound.
- The beep may sound differently depending on the marked position on the tape because the winding speed varies from the beginning to the end of the tape.
- There may be cases that recorded sound is distorted in a portion where the CUE MARKER signals are recorded.

Playing a Tape (see Fig. C)

- 1 Insert a cassette with the side to start playing facing the lid.
- 2 Select the tape speed to the same speed as that used for recording.
- 3 Press \blacktriangleleft .
- 4 Turn VOL to adjust the volume.

At the end of the reverse side, playback stops and the unit turns off automatically.

If you plug in headphones (not supplied) to the EAR jack, you will get monaural output from both left and right channels.

To	Press or slide
Stop playback/stop fast forward or rewind*	\blacksquare
Pause playback	Slide \blacktriangleleft PAUSE in the direction of the arrow.
Fast forward*	Slide CUE/REVIEW toward CUE during stop.
Rewind*	Slide CUE/REVIEW toward REVIEW during stop.
Search forward during playback (CUE)	Keep CUE/REVIEW pushed down during playback and release it at the point you want.
Search backward during playback (REVIEW)	Keep CUE/REVIEW pushed up during playback and release it at the point you want.
Switch playback side	DIR

* If you leave the unit after the tape has been used to rewind, the batteries will be consumed rapidly. Be sure to depress \blacksquare .

Note

If the tape is completely wound or rewound while searching forward/backward during playback (CUE/REVIEW), the CUE/REVIEW switch may not return to the center position when you release the switch. In this case, push back the switch to the center to start playback.

To increase the playback speed (M-850V only)

Slide the FAST PB switch in the direction of the arrow. The playback speed will be increased.

To return to the original speed, slide the FAST PB switch to the original position.

Recording/Playback with the Connected Equipment

Recording with an External Microphone

Connect a microphone to the MIC jack. Use a microphone of low impedance (less than 3 k Ω). When using a plug-in-power system microphone, the power to the microphone is supplied from this unit.

Note

When recording with an external microphone, the VOR system may not work properly because of the difference in sensitivity.

Recording from another tape recorder

Connect another tape recorder to the MIC jack using the RK-G64HG connecting cord (not supplied). Set this unit to the recording mode and another tape recorder to the playback mode. In this case set VOR to OFF.

Precautions

On power

- Operate the unit only on 3 V DC.
 - For AC operation, use the AC power adaptor recommended for the unit. Do not use any other type. For battery operation, use two R03 (size AAA) batteries.

On the unit

- Use only the **MICROCASSETTE™** (standard microcassettes) with this unit. Non-standard cassettes cannot be used because their "L" dimension (see illustration) is different (see Fig. D).
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
 - Should any solid object or liquid fall into the unit, remove the batteries or disconnect the AC power adaptor, and have the unit checked by qualified personnel before operating it any further.
- Keep personal credit cards using magnetic coding or spring-wound watches etc. away from the unit to prevent possible damage from the magnet used for the speaker.
- When you do not use the unit for long, remove the batteries to avoid damage caused by battery leakage and subsequent corrosion.
- If the unit has not been used for long, set it in the playback mode and warm it up for a few minutes before inserting a cassette.

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

Troubleshooting

Should any problem persist after you have made these checks, consult your nearest Sony dealer.

A cassette cannot be inserted.

- The cassette is being inserted in the wrong way.
- \blacktriangleleft has been already pressed.
- The unit does not operate.
 - The batteries have been inserted with incorrect polarity.
 - The batteries are weak. Replace both batteries with new ones.
 - \blacktriangleleft PAUSE is slid in the direction of the arrow.
 - The AC power adaptor is connected to the unit only and you are going to use the unit on batteries.

Recording cannot be made.

- There is no cassette in the cassette compartment.
- The tab on the tape has been removed. (Even if only the tab on the reverse side is removed, recording cannot be made.) To reuse the tape for recording, cover the tab hole with adhesive tape. To record on one side only, insert a cassette with the side to start recording facing away from the lid (reverse side).

Recording cue markers (M-850V only)

- Make sure that the orientation of the cassette and the setting of DIR does not match in case of one-side recording. Insert a microcassette with the side to start recording facing the unit, and then slide DIR so that the REV indicator turns green.

Recording is interrupted.

- The VOR switch is set to H or L. When you do not use VOR, set it to OFF.

During CUE/REVIEW the tape stops or does not run. You cannot fast-forward or rewind.

- The batteries are weak. Replace both batteries with new ones.

Recording cannot be erased completely.

- The head is contaminated. See "Maintenance".

- Playback cannot be made.
 - The tape has reached the end of the reverse side. Press \blacktriangleleft to switch playback side to FWD.

No sound comes from the speaker.

- The earphone is plugged in.
- The volume is turned down completely.

- The sound drops out or comes with excessive noise.
 - The volume is turned down completely.
 - The batteries are weak. Replace both batteries with new ones.
 - The head is contaminated. See "Maintenance".
 - Direct placement of the cassette tape on the speaker resulted in magnetization and deteriorated tonal quality.
 - Use the unit away from radiowave-emitting devices such as cellular phones.

The pitch of the sound is unstable.

- The batteries are weak. Replace both batteries with new ones.
- The capstan and the pinch roller is contaminated. See "Maintenance".

Tape speed is too fast or too slow in the playback mode.

- Improper setting of the TAPE SPEED switch. Set it to the same speed as that used for recording.
- The batteries are weak. Replace both batteries with new ones.

Tape speed is faster than the normal playback speed.

- The FAST PB switch (M-850V only) is slid in the direction of the arrow.

Chattering noise is heard.

- The reset button of the tape counter is accidentally held and pressed. Press the button again to reset the counter to "000".

Rattling noise is heard after the end of the tape is reached in fast forwarding or rewinding operation.

- Press \blacksquare to stop fast forwarding or rewinding.

Maintenance (see Fig. E)

To clean the tape head and path

Press \blacktriangleleft and wipe the head $\textcircled{1}$, capstan $\textcircled{2}$ and the pinch roller $\textcircled{3}$ with a cotton swab, moistened with alcohol every 10 hours or use.

To clean the exterior

Use a soft cloth slightly moistened in water. Do not use alcohol, benzine or thinner.

Specifications

Tape	MICROCASSETTE™ (normal position type)
Recording system	2-track 1-channel monaural
Speaker	Approx. 2.8 cm dia.
Tape speed	2.4 cm/s, 1.2 cm/s
Frequency range	300 - 4 000 Hz (with TAPE SPEED switch at 2.4 cm/s)
Input	Microphone input jack (mini)jack./PLUG IN POWER) sensitivity 0.21 mV for 3 k Ω or lower impedance microphone
Output	Earphone jack (mini)jack) for 8 - 300 Ω earphone
Power requirements	3 V DC batteries R03 (size AAA) \times 2/External DC 3V power sources
Dimensions (W/H/D)	Approx. 58.5 \times 100 \times 22.5 mm incl. projecting parts and controls
Mass	Approx. 110 g (main unit only)
Supplied accessories	Microcassette tape MC-30 (1) (European model and world model of M-850V only)
	Batteries R03 (SB) (2) (European model and world model of M-850V only)
	Carrying pouch (1) (M-850V and European model of M-800V only)

Design and specifications are subject to change without notice.

Micrograbadora portátil

POR FAVOR LEA DETALLADAMENTE ESTE MANUAL DE INSTRUCCIONES ANTES DE CONECTAR Y OPERAR ESTE EQUIPO.

RECUERDE QUE UN MAL USO DE SU APARATO PODRIA ANULAR LA GARANTIA

Fuentes de alimentación

Elija una de las siguientes fuentes de alimentación.

Pilas secas (consulte la figura A-(a))

Compruebe que no se ha realizado ninguna conexión a la toma DC IN 3V.

- 1 Abra la tapa del compartimiento de las pilas.
- 2 Inserte dos pilas R03 (tamaño AAA) con la polaridad correcta y cierre la tapa.

Para extraer las pilas (consulte la figura A-(b))

Si la tapa del compartimiento de las pilas se desprende accidentalmente (consulte la figura A-(c)) Colóquela como se indica.

Cuándo reemplazar las pilas

Reemplace las pilas por otras nuevas si el indicador REC/BATT se atenúa.

Para M-850V Sustituya las pilas por otras nuevas cuando el indicador BATT se apague y el indicador \odot parpadee.

Notes

- La unidad reproducirá el sonido normalmente durante algún tiempo, incluso después de que parpadee el indicador \odot . No obstante, deberá sustituir las pilas lo antes posible. En caso contrario, la reproducción no podrá realizarse con sonido normal, puede grabarse ruido y el sonido grabado puede ser demasiado débil (sólo para M-850V).
- En los siguientes casos, no es necesario cambiar las pilas:
 - Si el indicador REC/BATT o el indicador BATT parpadea con el sonido de reproducción cuando aumenta el volumen.
 - Si el indicador \odot se ilumina momentáneamente al iniciarse la cinta o al final de ésta (sólo para M-850V).
 - Si el indicador \odot parpadea durante las operaciones de FF (CUE) o REW (REVIEW) (sólo para M-850V).

Duración de las pilas* (horas aprox.)

Pilas	Grabación	Reproducción
Manganesas Sony R03 (SB)	5 (M-850V)	6 (M-800V)
Alcalinas Sony LR03 (SG)**	14 (M-850V)	

