SONY

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Microcassette™-Corder

Operating Instructions

M-950

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English

As you read, refer to the illustrations in the Japanese corresponding text (labeled with A, B, etc.)

►Getting Started

Inserting the Supplied Batteries

Into the main unit A

① Slide OPEN on the battery compartment in the direction of the arrow to open the battery compartment lid.
② Insert one R03 (size AAA) battery (supplied) with correct polarity.

Note
Make sure that the battery is inserted with correct polarity. You may not be able to distinguish between ⊕ and ⊖ with some batteries.

③ Close the lid until it clicks.

Into the speaker unit B

① Push and slide OPEN on the speaker unit in the direction of the arrow as illustrated to open the battery compartment lid.
② Insert two R03 (size AAA) batteries (supplied) with correct polarity.
③ Close the lid until it clicks.

To remove the batteries C

Remove them as illustrated.

Note
Do not mix a new battery with an old one nor use different types of batteries.

If the battery compartment lid is accidentally detached D

Attach it as illustrated.

Releasing HOLD E

Unlock the unit before operating.

HOLD function O

This function locks the unit to prevent it from operating when you accidentally press a button except VOR, COUNTER RESET, ● REC and ❚❚ PAUSE. To lock the unit, slide HOLD ⊶ in the direction of the arrow. The ⊶ indicator appears in the display window.
To prevent ● REC and ❚❚ PAUSE from pressing, slide the RECORD PROTECT cover so that the buttons cannot be seen.

Installing the Speaker Unit F

① Attach the speaker unit to the main unit.
② Slide the speaker unit as illustrated until it clicks.

To remove the speaker unit G

① Keep holding both the main unit and the speaker unit with your both hands, release the speaker lock.
② With the speaker locked released, remove the speaker unit straight out from the main unit.

Notes
- When removing the speaker unit, **make sure you are holding both the speaker unit and the main unit firmly;** otherwise, the speaker unit may drop out.
- Before removing the speaker unit, make sure the tape has stopped completely; otherwise, noise may be heard or a tape may stop running.

►Operating the Unit

Recording

You can record right away with the built-in microphone, with or without the speaker unit.

Inserting the cassette H

① Slide OPEN on the cassette compartment in the direction of the arrow and open the lid.
② Take out any slack in the tape and insert the cassette with the side to start recording facing the lid.
③ Close the cassette compartment lid until it clicks.

Releasing VOR

Make sure that VOR L or VOR H is not displayed in the display window. For normal recording, if VOR L or VOR H is displayed, make it disappear. Refer to "VOR (Voice Operated Recording)".

Start recording I

If you start recording from the upper side (◄ FWD appears in the display window), recording automatically goes on to the reverse side (REV ► appears in the display window) and the unit turns off automatically when the tape comes to the end of the reverse side. If the tab is removed, however, you cannot record on that side.
① Slide the RECORD PROTECT cover so that ● REC and ❚❚ PAUSE buttons appear.
② Press ● REC.

While recording, the REC indicator lights and **REC** appears in the display window.

To	Press or slide
Stop recording	■ STOP
Pause recording	❚❚ PAUSE To release pause recording, press ● REC.
Take out a cassette	Press ■ STOP and slide OPEN on the cassette compartment lid in the direction of arrow.

Notes
- Before taking out the cassette, make sure that the sound of the unit operating has stopped.
- When earphones or an external microphone is connected to the EAR/MIC jack, the built-in microphone does not work.

Playing a Tape

Inserting the cassette J

① Slide OPEN on the cassette compartment in the direction of the arrow and open the lid.
② Take out any slack in the tape and insert the cassette with the side to start playing facing the lid.
③ Close the cassette compartment lid until it clicks.

Start playback K

If the playback starts from the upper side (◄ FWD appears in the display window), playback goes on to the reverse side (REV ► appears in the display window) and the unit turns off automatically.
① Press ◄► PLAY/DIR.
② Adjust the volume using VOLUME.

To	Press or slide
Stop playback	■ STOP
Pause playback	❚❚ PAUSE To release pause playback, press ◄► PLAY/DIR*.
Fast forward**	FF/CUE during stop
Rewind**	REW/REVIEW during stop
Fast forward while listening to the sound (CUE)	FF/CUE during Playback
Rewind while listening to the sound (REVIEW)	REW/REVIEW during playback
Play the other side during playback	◄► PLAY/DIR
Play the other side during stop	■ STOP for more than 2 seconds
Take out a cassette	Press ■ STOP and slide OPEN in the direction of arrow.

* The ❚❚ PAUSE button is released automatically when the ■ STOP button is pressed (stop-pause-release function).
**The tape stops at the end of the tape and the power is turned off automatically (automatic shut-off mechanism).

Note
Before taking out the cassette, make sure that the sound of the unit operating has stopped.

Using Other Functions L

To select the side to be recorded

To record on both sides continuously

1 Insert a cassette with the side to start recording facing the lid.
2 Start recording on the upper side (◄ FWD appears in the display window). If REV ► is displayed, press ■ STOP for more than 2 seconds to display ◄ FWD.

When recording reaches the end of the upper side, it will automatically continue on the reverse side.

Notes
- 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 one side only

1 Insert a cassette with the side to start recording facing away from the lid (reverse side).
2 Start recording on the reverse side (REV ► appears in the display window). If ◄ FWD is displayed, press ■ STOP for more than 2 seconds to display REV ►.

When recording reaches the end of the reverse side, it will automatically stop.

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

VOR (Voice Operated Recording)

The VOR system works only while recording. Press VOR to display VOR L or VOR H first and then press ● REC. The unit automatically starts recording the sound and pauses when there is no sound (you can save tapes and batteries).
VOR L: To record for dictation in a noisy place.
VOR H: To record at meetings or in a quiet place.
When you use this system in a noisy place the unit stays in the recording mode. If the sound is too soft, on the contrary, the unit will not start recording. Press VOR to display VOR L (low) or VOR H (high) depending on the conditions. When you do not use this function, press VOR during recording until VOR L or VOR H disappears in the display window.

Notes
- The VOR system depends on the environment conditions. If you cannot get the desired results, record without the VOR system.
- When using the VOR system, the unit starts recording only when a sound is detected, therefore, the beginning of the word may not be recorded. For an important recording, we recommend to recording without the VOR system.
- The VOR L or VOR H indicator appears during playback too.

Start recording during playback

Press ● REC during playback, recording starts immediately. It is useful when you want to re-record the portion which was just recorded.

Review the portion just recorded

Press REW/REVIEW during recording. Release the button at the point to start playback.

Recording with the supplied Microphone M

Connect the supplied microphone to EAR/MIC. The built-in microphone will be disconnected and the sound through the external microphone will be recorded.
To start recording, insert a cassette and press ● REC.

Recording with the connected equipment N

Notes (Before recording)
- When connecting cords, be sure you connect plugs firmly.
- Make a trial recording to make sure that you made connections correctly and adjusted the volume properly.
- The following examples use Sony products. If you have any problem when using other products, read the instruction manual of those products.

1 Insert a cassette.
2 Adjust the sound of the connected equipment.
3 Press ● REC.

To check the direction of the tape in the display window P

◄ FWD appears when recording on the upper side.
REV ► appears when recording on the reverse side.
The indication will disappear about one minute after the tape starts running. To display the indication, press ■ STOP.

TAPE SPEED selector

2.4 cm: For optimum sound (recommended for normal use). A 60-minute recording can be made using both sides of the MC60 microcassette.
1.2 cm: For longer recording time. A 120-minute recording can be made using both sides of the MC60 microcassette.

Tape counter

While the upper side of the tape is running (◄ FWD appears in the display window), the numbers in the tape counter increase. While the reverse side is running (REV ► appears in the display window), they decrease. Press COUNTER RESET to return to 000.

To return the tape to the position of 000

Press COUNTER RESET for more than 2 seconds until ZERO STOP appears in the display window. During rewind or REVIEW, the tape stops at 000. Press COUNTER RESET to make the ZERO STOP indicator disappear.

Power Sources

Batteries

Battery life (Approx. hours)

Batteries	Recording without speaker unit	Recording (when speaker unit is installed*)	Playback (when speaker unit is installed*)
Sony alkaline LR03(SG)	5.5	22	24
Sony R03(SB)	1.5	10	11.5

* When one battery is installed in the main unit and two batteries are installed in the speaker unit

We recommend to use long-life alkaline batteries.

When to replace the batteries Q

The battery indicator in the display window shows the remaining battery power.
When the battery is used up, ⌂ appears in the display window. Replace all the batteries (one battery in the main unit if the speaker is not installed) with new ones.

Notes
- When you operate the unit after you have changed the batteries, ⌂ disappears and ▮▮▮ appears in the display window.
- While the tape runs rapidly (fast forward or rewind), ⌂ may appear. Replace the batteries only when the tape does not run properly.
- During playback, the battery indicator may temporarily flicker when you turn up the volume.
- The tape will run for a while after ⌂ appears; however, a big noise may be heard from the speaker or recording may not be made. When ⌂ appears, replace all the batteries at once.
- At the beginning or end of the tape ⌂ may momentarily appear. If the indicator disappears, you do not need to replace the batteries.

House current

1 Connect the AC-E15L AC power adaptor (not supplied) to DC IN 1.5V of the speaker.
2 Connect the other end of the AC power adaptor to a wall outlet.

Note
Use the AC-E15L AC power adaptor.
Do not use any other AC power adaptor.

How to use the supplied carrying case R

Put the M-950 and the supplied accessories into the carrying case as illustrated.