

► Various Ways of Recording

Adding a Recording to a Previously Recorded Message

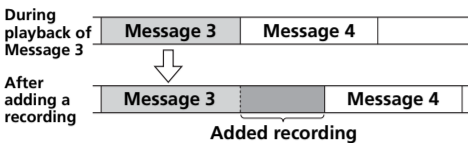
You can add a recording to the message being played back.

Notes

- At a factory setting, you cannot add a recording not to erase the message by accidental operation. See "Using an Adding Recording" to change the setting.
- The added or overwritten portion of a message will be recorded in the same recording mode (ST, ST/ILP, SP or LP) as the original message, regardless of the current recording mode setting.
- You cannot add or overwrite a recording if the remaining memory is insufficient. For more information, see "Troubleshooting".
- You cannot add or overwrite a recording onto an MP3 file.

Adding a Recording to a Previously Recorded Message

When REC-OP in the menu is set to "ADD", you can add a recording to the message being played back (see "Using an Adding Recording"). The added recording will be placed after the current message and counted as a part of the message.

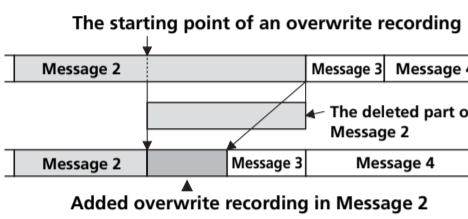


- During playback, press **REC/REC PAUSE** briefly. "REC" and "ADD" will flash and the unit stops in the recording pause mode.

- While "REC" and "ADD" are flashing, press **REC/REC PAUSE**. "REC" is displayed and "ADD" flashes for 3 seconds on the display window. The OPR indicator will light in red. Then the new recording will be added at the end of the current message.

- Press **STOP** to stop the recording.

Adding an Overwrite Recording during Playback
When REC-OP in the menu is set to "OVER", you can add an overwrite recording after the selected point in a recorded message. The part of the message after the selected point is deleted.



- During playback, press **REC/REC PAUSE** briefly. "REC" is displayed. "OVER" flashes on the display window and the OPR indicator flashes in red.

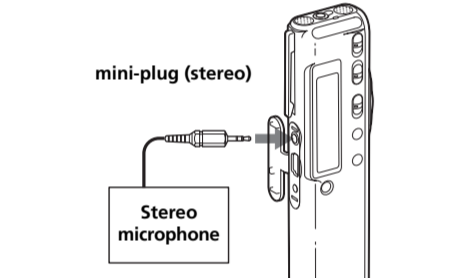
- Press **REC/REC PAUSE** to start recording. The display returns to the display mode set in the menu and the OPR indicator lights in red.

- Press **STOP** to stop the recording.

Recording with an External Microphone or Other Equipment

Recording with an External Microphone

Connect an external microphone to the (microphone) jack. When you connect an external microphone, the built-in microphone is automatically cut off. When a plug in power type microphone is connected, power is automatically supplied to the microphone from the IC recorder.



☞ Recommended types of microphones
Use the ECM-CS10 Sony electret condenser microphone (not supplied).

Recording from Other Equipment

To record sound of other equipment with the IC recorder, connect the (microphone) jack of the IC recorder to the earphone jack of other equipment (tape recorder etc.) by using a resistance audio connecting cable.

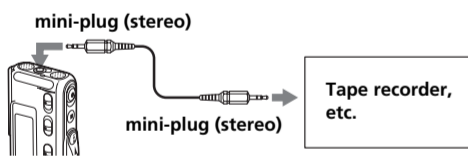
Before you start recording, set the microphone sensitivity by setting SENS in the menu to "H" (high).

Note

If you use an audio connecting cable without a resistor, sound may be recorded interrupted. Make sure to use a resistance audio connecting cable.

Recording with Other Equipment

To record the sound of the IC recorder with other equipment, connect the (headphones) jack of the IC recorder to the audio input connector (mini-jack, stereo) of other equipment.



► Various Ways of Playback

Locating quickly the point you wish to start playback (Easy Search)

When EASY-S is set to "on" in the menu, you can quickly locate the point you wish to start playback by pressing the jog lever up or down repeatedly during playback or playback pause. You can go back approx. 3 seconds by pressing the jog lever down once, or advance approx. 10 seconds by pressing the jog lever up once. This function is useful when locating a desired point in a long recording.

Adjusting the playback speed by amplifying inaudible sound — Digital Voice Up function

You can make the playback sound well-balanced and more audible by amplifying only the inaudible low-level part of a recorded message and adjusting the overall recording to its optimum level (Digital Voice Up function). This function is useful to hear a meeting with each speaker's voice more audible.

During playback or stop, slide the VOICE UP switch to "ON".

The message is played back with adjusted sound.

To resume normal playback

Slide the VOICE UP switch to "OFF".

Note

Depending on the area you purchased the unit, the Digital Voice Up switch name shown on the unit may differ.

- Select the message you want to play back.
For more information about selecting the desired message, see step 1 and 2 of "Playing Back Messages".
- Enter the alarm setting mode.
Press the jog lever toward MENU. The menu mode will be displayed in the display window.

Adjusting the Playback Speed — DPC (Digital Pitch Control)

You can adjust the speed of the playback between twice the normal speed (+100%) and half the normal speed (-50%). The message is played back in normal tone thanks to the digital processing function.

Playing back a message rapidly or slowly

Slide the DPC switch to "ON". "FAST" or "SLOW" flashes for 3 seconds and the message is played back at the speed specified with the menu.

To resume normal playback

Slide the DPC switch to "OFF".

Note

When you want to play back an MP3 file of more than 192kpbs, set the DPC switch to "OFF", or if the switch is set to "ON", adjust the speed of the playback to slower than 10% (toward -). If the speed is set to faster than 10% (toward +), "NO FAST" will appear and the playback becomes normal.

Setting the playback speed

You can set the playback speed when the DPC switch is set to "ON". The setting for the playback speed holds effective until you change the setting.

- Turn the jog lever toward MENU to display the menu mode.
- Press the jog lever up or down to select "DPC", then press the jog lever . The playback speed setting mode will be displayed. The flashing number represents the playback speed in percentage with the standard speed as "0".

- Turn the jog lever toward MENU to display the menu mode.
Press the jog lever up or down to select "DPC", then press the jog lever . The playback speed setting mode will be displayed. The flashing number represents the playback speed in percentage with the standard speed as "0".

- Press the jog lever up or down to set the playback speed.
Fast play (up to +100% by 10%); Press up .
Slow play (down to -50% by 5%); Press down .
- Press the job lever . The specified playback speed is confirmed.
- Press the jog lever toward MENU to exit the menu mode. The normal display appears.

Adding a Bookmark

You can add a bookmark at a point in a message and use it during playback. You can add only one bookmark in each message.

During playback or stop, press DIVIDE/ (bookmark) for more than 1 second.

A bookmark is added and the bookmark indicator flashes for 3 seconds.

If you add a bookmark to a message that already has a bookmark, a previously added bookmark is deleted and a bookmark is added to the newly specified point.

To start playback at the bookmark (bookmark) for more than 1 second.

- To delete the bookmark
In stop mode, press the jog lever up or down to display the number of the message with the bookmark you wish to delete.
- While pressing DIVIDE/ (bookmark), press ERASE for more than 1 second.
- Press ERASE while the bookmark indicator and "ERASE" are flashing.

Notes

- If you want to combine messages to which the bookmark is already added, delete the bookmark before combining messages.
- You cannot add a bookmark to an MP3 file.

Playing back all messages in a folder continuously — Continuous Play

When CONT is set to "on" in the menu, you can play back all the messages in a folder continuously. You can change the setting during playback.

Playing back a message repeatedly — Repeat Play

During playback, press the jog lever for more than one second. "REP" will be displayed and the selected message will be played back repeatedly. To resume normal playback, press the jog lever again. To stop playback, press **STOP**.

Playing Back the Specified Section Repeatedly — A-B Repeat

While playing back a message, you can set the start (A) and end (B) points for a section you wish to play repeatedly.

- During playback, press A-B (repeat/ PRIORITY) briefly. The starting point (A) of the section you wish to play repeatedly is set. "A-B B" flashes.
- During playback, press A-B (repeat/ PRIORITY) briefly. The finishing point (B) of the section is set. "A-B" and "C" are displayed and the specified section is played back repeatedly.

To stop A-B Repeat playback
Press **STOP**.

Notes

- You cannot set A-B Repeat for a section that overlaps two or more messages.
- If you do not set the finishing point (B), the finishing point is automatically set at the end (or the beginning) of the message.

Playing Back a Message at a Desired Time with an Alarm

You can sound an alarm and start playback of a selected message at a desired time. You can have the message played back at a specified date, once every week, or the same time everyday. You can also sound the alarm without playing back the message.

Note

When the clock is not set or no messages are recorded, you cannot set the alarm.

- Select the message you want to play back.
For more information about selecting the desired message, see step 1 and 2 of "Playing Back Messages".
- Enter the alarm setting mode.
Press the jog lever toward MENU. The menu mode will be displayed in the display window.

- Press the jog lever up or down to select "ALARM OFF". If the alarm has been already set to "on", "ALARM on" will be displayed.
- Press the jog lever . The alarm setting mode will be displayed in the display window.
- Press the jog lever up or down to select "on". If "on" has already been selected, follow the next step.

When you want to play back an MP3 file of more than 192kpbs, set the DPC switch to "OFF", or if the switch is set to "ON", adjust the speed of the playback to slower than 10% (toward -). If the speed is set to faster than 10% (toward +), "NO FAST" will appear and the playback becomes normal.

Set the alarm date and time.

- Press the jog lever while "DATE" is displayed. The year digits will flash.
- Press the jog lever up or down to select the year digits and press the jog lever . The month digits will flash.
- Set the month and the day in sequence, then press the jog lever .

To play back once a week
Press the jog lever up or down to select the day of the week.

"S" for Sunday to "SAT" for Saturday). Then press the jog lever .

To play back at the same time every day
Press the jog lever up or down to select "DAILY". Then press the jog lever .

While recording or playing back a message, press DIVIDE/ (bookmark) at the point you want to divide.

- When you press DIVIDE/ (bookmark) during recording:
The new message number is added at the point you pressed the button, and the new message number and "DIVIDE" flash for 3 seconds. The message will be divided into two; however, the messages will be recorded without a break.
- When you press DIVIDE/ (bookmark) during playback:
The message is divided into two at the point you pressed the button, and "DIVIDE" flashes for 3 seconds. The message numbers of the following messages will increase by one.

When the set date and time comes
At the set time, the alarm will sound for about 10 seconds and the selected message will be played back (If you have selected "B-ONLY" in step 5, only the alarm will sound). During alarm playback, "ALARM" will flash in the display window.

When the playback ends, the unit will stop automatically at the beginning of that message.

To listen to the same message again
Press the jog lever . The same message will be played back from the beginning.

To cancel the alarm setting before the playback starts
Press **STOP** while the alarm sound is heard. You can stop the alarm playback even when the HOLD function is activated.

To cancel the alarm setting
In step 2, select "oFF" and then press the jog lever .

To check the alarm setting
Follow steps 1 through 2 to display the current alarm date and time. Then follow steps 3 to 7 to change the alarm date and time.

Notes

- If the alarm time comes while another message is being played back with an alarm, the playback stops and the new message will be played back.
- If the alarm time comes during recording, the alarm will sound after the recording is finished. "TM" will flash when the alarm time comes.
- If more than one alarm time comes during recording, only the first message will be played back.
- When the alarm time comes when the unit is in the menu mode, alarm will sound and the menu mode will be cancelled.
- If you divide a message you set the alarm for, alarm setting remains on only the first part of the divided message.
- If you combine messages you set the alarm for, the alarm setting of the latter message will be cancelled.
- Alarm setting will not be cancelled when the alarm playback finishes.

► Editing Messages

Erasing Messages
You can erase the recorded messages one by one or all messages in a folder at a time.

Erasing Messages one by one
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Erasing All Messages in a Folder

You can erase all recorded messages in a folder.

- Turn the jog lever toward FOLDER repeatedly to display the folder (A, B, C, D or E) containing the messages you want to erase.
- While pressing **STOP**, press ERASE for more than 1 second. The message number and "ALL ERASE" will flash for 10 seconds.
- While "ALL ERASE" is flashing, press ERASE. All the recorded messages contained in the folder are deleted. The folder itself will not be deleted.

To cancel erasing

Press **STOP** before step 3.

Dividing a Message into Two/ Combining Messages

You can divide a message, or combine messages.

- You can divide a message into two while recording/ playing back messages.
- You can combine messages in stop mode.

Notes

- Due to the recording system of an IC recorder, you may not be able to divide or combine messages in some cases.
- You cannot divide or combine MP3 files.

Dividing a Message

You can divide a message during recording or playback, so that the message is divided into two and the new message number is added to the divided message. By dividing a message, you can easily find the point you want to play back when you make a long recording such as a meeting.

You can divide a message until the total number of messages in the folder becomes 99.

Notes

- You need a certain amount of space in the memory to divide a message. For more information, see "On system limitations of the IC recorder".
- If you divide a message with priority marks(s), priority mark(s) will be added to both parts of the divided message.

While recording or playing back a message, press DIVIDE/ (bookmark) at the point you want to divide.

- When you press DIVIDE/ (bookmark) during recording:
The new message number is added at the point you pressed the button, and the new message number and "DIVIDE" flash for 3 seconds. The message will be divided into two; however, the messages will be recorded without a break.
- When you press DIVIDE/ (bookmark) during playback:
The message is divided into two at the point you pressed the button, and "DIVIDE" flashes for 3 seconds. The message numbers of the following messages will increase by one.

When the set date and time comes
At the set time, the alarm will sound for about 10 seconds and the selected message will be played back (If you have selected "B-ONLY" in step 5, only the alarm will sound). During alarm playback, "ALARM" will flash in the display window.

When the playback ends, the unit will stop automatically at the beginning of that message.

To listen to the same message again
Press the jog lever . The same message will be played back from the beginning.

To cancel the alarm setting before the playback starts
Press **STOP** while the alarm sound is heard. You can stop the alarm playback even when the HOLD function is activated.

To cancel the alarm setting
In step 2, select "oFF" and then press the jog lever .

To check the alarm setting
Follow steps 1 through 2 to display the current alarm date and time. Then follow steps 3 to 7 to change the alarm date and time.

Notes

- If the alarm time comes while another message is being played back with an alarm, the playback stops and the new message will be played back.
- If the alarm time comes during recording, the alarm will sound after the recording is finished. "TM" will flash when the alarm time comes.
- If more than one alarm time comes during recording, only the first message will be played back.
- When the alarm time comes when the unit is in the menu mode, alarm will sound and the menu mode will be cancelled.
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Adding Priority Mark(s) — Priority Mark Function

Usually the recorded messages are lined up in the order of recording. By adding priority marks (*) to important messages, you can remember the messages in the order of their priority. There are four levels: "***" (the most important), "**", "*", and no priority mark. You can add priority marks both in the stop mode and in the playback mode.

Adding Priority Mark(s) in the Stop Mode

- Select the message you want to mark.
- Press A-B (repeat/ PRIORITY) for more than 1 second. "k" and the message number indication will flash on the display window.
- Press A-B (repeat/ PRIORITY) repeatedly to select the number of priority mark(s) (*) while indications are flashing. The setting is finished when the priority mark(s) (*) lights) steadily in the display window and the messages are renumbered.

Notes

- Due to the recording system of an IC recorder, you may not be able to divide or combine messages in some cases.
- You cannot divide or combine MP3 files.

Adding Priority Mark(s) during Playback

- Press A-B (repeat/ PRIORITY) for more than 1 second during playback of the message you want to mark. "k" and the message number indication will flash on the display window while the first and last 5 seconds of the message is played back 10 times.
- Press A-B (repeat/ PRIORITY) repeatedly to select the number of priority mark(s) (*) while indications are flashing. The setting is finished when the priority mark(s) (*) lights) steadily in the display window and the messages are renumbered.
- Press the jog lever to fit the setting. The setting is finished and the messages will be renumbered.

Notes

- You need a certain amount of space in the memory to divide a message. For more information, see "On system limitations of the IC recorder".
- If you divide a message with priority marks(s), priority mark(s) will be added to both parts of the divided message.

While recording or playing back a message, press DIVIDE/ (bookmark) at the point you want to divide.

When you press DIVIDE/ (bookmark) during recording:
The new message number is added at the point you pressed the button, and the new message number and "DIVIDE" flash for 3 seconds. The message will be divided into two; however, the messages will be recorded without a break.

When you press DIVIDE/ (bookmark) during playback:
The message is divided into two at the point you pressed the button, and "DIVIDE" flashes for 3 seconds. The message numbers of the following messages will increase by one.

When the set date and time comes
At the set time, the alarm will sound for about 10 seconds and the selected message will be played back (If you have selected "B-ONLY" in step 5, only the alarm will sound). During alarm playback, "ALARM" will flash in the display window.

When the playback ends, the unit will stop automatically at the beginning of that message.

To listen to the same message again
Press the jog lever . The same message will be played back from the beginning.

To cancel the alarm setting before the playback starts
Press **STOP** while the alarm sound is heard. You can stop the alarm playback even when the HOLD function is activated.

To cancel the alarm setting
In step 2, select "oFF" and then press the jog lever .

To check the alarm setting
Follow steps 1 through 2 to display the current alarm date and time. Then follow steps 3 to 7 to change the alarm date and time.

Notes

- If the alarm time comes while another message is being played back with an alarm, the playback stops and the new message will be played back.
- If the alarm time comes during recording, the alarm will sound after the recording is finished. "TM" will flash when the alarm time comes.
- If more than one alarm time comes during recording, only the first message will be played back.
- When the alarm time comes when the unit is in the menu mode, alarm will sound and the menu mode will be cancelled.
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► Other Functions

Selecting the Display Mode

You can select the display mode for stop, recording and playback modes.

- Turn the jog lever toward MENU. The menu mode will be displayed.
- Press the jog lever up or down to select "DISP". The display setting window will be displayed.
- Press the jog lever to select the display mode. The display mode changes in the order shown.
- Press the jog lever . The display setting window will be displayed.
- Turn the jog lever toward MENU. The menu mode will be displayed.

Counter (elapsed time)
If the unit is left unused for more than 3 seconds in the stop mode, the display will turn to the current time display mode as shown to the right, regardless of the display mode setting.

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