

IC Recorder

Operating Instructions

Owner's Record

The model number is located at the rear and the serial number is located inside the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. ICD-B120 Serial No.

IC Recorder ICD-B120

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http://www.sonv.net/

Information

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY DIRECT INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.

For the customers in the U.S.A.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential nstallation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna Increase the separation between the equipment and
- Connect the equipment into an outlet on a circuit different
- from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

If you have any questions about this product, you may call: Sony Customer Information Services Center 1-800-222-7669 or http://www.sony.com/

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and

uman health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office your household waste disposal service or the shop where you purchased the product.

Troubleshooting

Before taking the unit for repair, check the following sections. Should any problem persist after you have made these checks, consult your nearest Sony dealer.

The unit does not operate.

- · The batteries have been inserted with incorrect
- The buttons are locked with the HOLD switch. (If you press any button, "HOLD" will flash for 3

No sound comes from the speaker.

- · The ear receiver or headphones are plugged in. · The volume is turned down completely
- "FULL" is displayed and you cannot start

recording. The memory is full. Erase some of the messages.

 99 messages have been recorded in the selected folder. Select another folder or erase some of the

Noise is heard

- · An object, such as your finger, etc., accidentally rubbed or scratched the unit during recording so that noise was recorded.
- The unit was placed near an AC power source, a fluorescent lamp or a mobile phone during recording or playback.
- · Plug of the connected microphone was dirty when recording. Clean the plug.
- · Ear receiver/headphones plug is dirty. Clean the

Recording level is low.

· Set the microphone sensitivity to "H (high)" using Recording is interrupted.

· The advanced VOR function is activated. Set VOR

to "OFF" Recording level is unstable (when recording

music, etc.)

- · This unit is designed to automatically adjust the recording level when recording meetings, etc., and is not suitable for music recording.
- "--Y--M--D" or "--:--" is displayed.
- · You have not set the clock. "--Y--M--D" or "--:--" is displayed on the REC
- DATE display. • The date and time of recording will not be displayed if you recorded the message when the

You cannot divide a message.

clock was not set.

indicator goes off.

- You cannot divide a message in a folder which has
- · If you divide messages frequently, the unit may become unable to divide a message
- You cannot divide a message in the first or the last 1 second of a message.

It takes longer for the unit to start operation.

• If you divide messages too frequently while the unit is recording them, the following phenomenon may occur: The OPR indicator keeps flashing, and you cannot operate the unit for a certain period.

You cannot record messages up to the

maximum recording time. • If you record messages in a mixture of HQ, SP and LP modes, the recordable time varies from the maximum HQ mode recording time to the maximum LP mode recording time.

This is not a malfunction. Wait until the OPR

- No more recording can be made when 99 messages each have been recorded in a folder.
- · Due to the limitation of the IC recording system, this unit records in the minimum recording unit. If the length of each message cannot be divided by recording time may decrease by more than the total length of the messages.

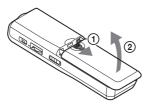
The unit does not operate correctly. Take out the batteries and insert them again.

Please note that recorded messages may be erased during service or repair work.

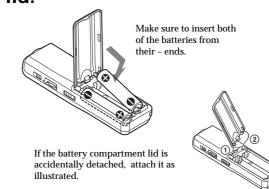
▶ Getting started

Step 1: Installing the Batteries

Slide and lift the battery compartment lid.



Insert two LR03 (size AAA) alkaline batteries with correct polarity, and close the



Clock setting display appears when you insert batteries for the first time, or when you replace the batteries with new ones. Please refer to Steps 2 to 3 in "Step 2: Setting the Clock" to set the date and time

Replacing the batteries The battery indicator in the display window shows the battery

When flashes, replace the batteries with new ones When flashes, the batteries are exhausted and the unit will stop operation.

Battery life*

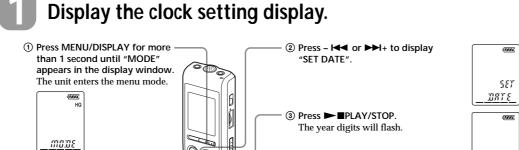
With continuous use, approx. 11 hours recording/7.5 hours playback in the HQ mode, and approx. 22 hours recording/11 hours playback in the SP and LP modes is possible * Using Sony alkaline batteries LR03 (size AAA)

When playing back through the internal speaker with the medium volume level The battery life may shorter depending on the operation of the

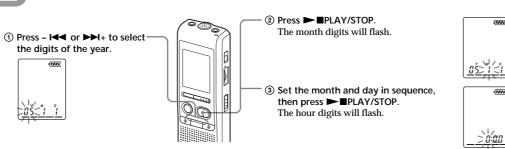
- · Do not use manganese batteries for this unit.
- · When you replace the batteries with new ones, the clock setting display appears. In this case, set the date and time again. The recorded messages and alarm setting, nowever, will remain.
- · When replacing the batteries, be sure to replace both batteries with new ones.
- · Do not charge dry batteries. · When you are not going to use the
- unit for a long time, remove the batteries to prevent damage from battery leakage and corrosion.
- The unit is accessing data while "ACCESS" appears in the display window. While accessing, do not remove the batteries. Doing so may damage the data

Step 2: Setting the Clock

Clock setting display appears when you insert batteries for the first time, or when you replace the batteries with new ones. In

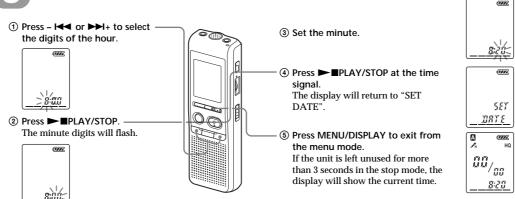


Set the date.



Set the time.

To set the date to Year 2005, display



This unit does not have a power on/off switch. The display is shown at all times

▶Basic Operations

Recording Messages

You can record up to 99 messages in each of the four folders (A, B, C, and D). Since a newly recorded message is automatically added behind the last recorded message, you can start recording quickly without searching for the end of the

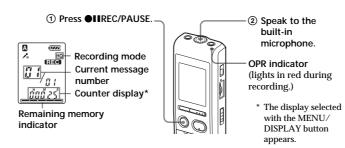
e.g. | Message 1 | Message 2 | Newly recorded message | Blank space

Before making a long recording, be sure to insert new batteries and check the battery

Select the recording mode. See "Changing the Recording Mode" on the reverse side.

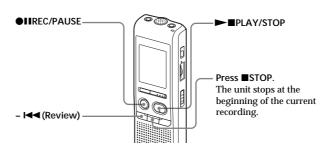
Select the folder.

Start recording.



You do not need to keep pressing OHREC/PAUSE while recording.



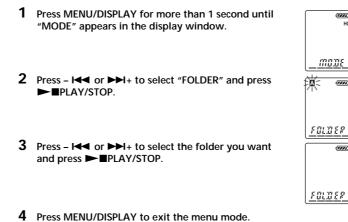


If you do not change the folder after you stop recording, the next time you ecord you will record in the same folder

То	Do this
pause recording*	Press •IIREC/PAUSE. During recording pause, the OPR indicator flashes in red and "PAUSE" flashes in the display window.
release pause and resume recording	Press •IIREC/PAUSE. Recording resumes from that point. (To stop recording after pausing recording, press STOP.)
listen to the current recording	Press ■STOP to stop recording, then press ■PLAY/STOP.
review the current recording instantly	Press ►■PLAY/STOP during recording.
search backward during recording (Review)	Hold down – I◀◀ during recording or recording pause. Recording mode will be released, and reviewing of the current recording starts. If you release the button, playback starts from that point.
select the microphone sensitivity	You can select the microphone sensitivity using the menu. See "Selecting the Microphone Sensitivity". H (high): To record at meeting or in a quiet and/or spacious place. L (low): To record for dictation or in a noisy place.

* About one hour after you pause recording, recording pause is automatically released and the unit goes into the stop mode

Selecting the Folder



VOR function

Current folder — B @ @

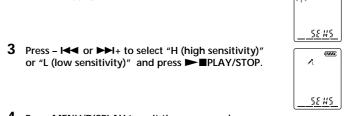
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the display window.)

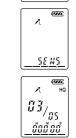
around you. Set the microphone

Selecting the Microphone Sensitivity

- 1 Press MENU/DISPLAY for more than 1 second until
- "MODE" appears in the display window. 2 Press - I or ►►I+ to select "SENS" and press

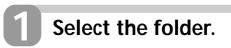


4 Press MENU/DISPLAY to exit the menu mode



Playing Back Messages

When playing back a previously recorded message, start from Step 1 When playing back a message you have just finished recording, start from Step 3.



- the number of messages you can make vary depending on the See "Selecting the Folder" conditions of use. When you record messages in the mixture of HQ, SP and LP mode, the
- Due to the limitation of the IC recording system, this unit records in the minimum recording unit of
- the following symptoms may occur: When a message is shorter than still counted as approx. 2 seconds at most so the remaining recording time will decrease by more than the actual length of the

approx. 2 seconds at most, therefore

Note on recording

HQ* 1 h. 45 min.

SP** 4 h. 40 min.

LP*** 7 h. 45 min

(monaural sound)

Notes

(h.: hours/min.: minutes)

Noise may be recorded if an object,

such as your finger, etc., accidentally

Maximum recording time

The maximum recording time of all

the folders is as follows. You can

record messages for the maximum

recording time in a single folder.

HQ: High quality recording mode

** SP: Standard play recording mode

***LP: Long play recording mode

· To record in better sound quality,

select the HQ mode. For switching

the recording mode, see "Changing

the Recording Mode" on the reverse

Before making a long recording, be

sure to check the battery indicator.

The maximum recording time and

between those for the HQ and LP

rubs or scratches the unit during

- When the message is longer than the minimum recording unit, the remaining recording time will decrease by more than the actual length of the message if it cannot be divided by the minimum recording unit without a remainder.
- counter (elapsed recording time) and the remaining recording time may be less than the unit's

The sum of the number on the

Remaining memory indication During recording, the remaining memory indicator decreases one by

The memory is nearly full. When the remaining time of recording reaches 5 minutes, the

last one of the indication flashes. If the remaining recording time display mode is selected, "REMAIN" and the counter display flash when the remaining time reaches 1 minute To continue recording, first erase some of the messages.

- If you press ●IIREC/PAUSE when the memory is full, "FULL" will flash with an alarm sound. Erase some of the messages before you start
- recording again. If you press ●IIREC/PAUSE after you have recorded 99 messages "FULL" will flash with an alarm sound. Select another folder or erase

Starting recording automatically in response to tne souna — Aavancea

some of the messages

When VOR (voice operated recording) is set to ON in the menu. recording starts when the recorder detects sound. ("VOR" is displayed in the display window.)



Recording stops when no sound is heard. ("VOR PAUSE" flashes in

VOR function is affected by the sound sensitivity to "H (high)" or "L (low)" using the menu. If recording is not atisfactory after you have changed the microphone sensitivity, or for important recording, set VOR to OFF.

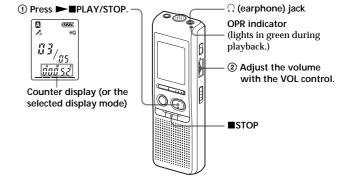


Select the message number.

Selected message number display the desired message number messages in - I◀◀: for smaller a folder message number ▶►I+: for larger Counter message number

* The display selected with the MENU/DISPLAY button appears (see the reverse side).

Start playback.



After playing back one message, the unit stops at the beginning of the next message. When the continuous play function is set to "ON" (see the reverse side), the unit stops after playing all messages in a folder. When the last message on a folder has been played back, the unit stops at the beginning of the last message.

For private listening Connect an ear receiver or headphones (not supplied) to the \(\hat{\cap}\) (earphone) jack. The built-in speaker will be automatically disconnected. If noise is heard, wipe the headphones plug.

Other operations

То	Do this
stop at the current position	Press ►■PLAY/STOP or ■STOP. To resume playback from that point, press ►■PLAY/STOP again.
go back to the beginning of the current message	Press - I◀◀ once.
skip to the next message	Press ▶►I+ once.
go back to previous messages/skip to succeeding messages	Press - I◀ or ▶I+ repeatedly. (During stop mode, keep the button pressed to skip the messages

continuously.)

repeatedly - Repeat Play During playback, press ►■PLAY/STOP for more than one second. "←" will be displayed and the selected message will be played back repeatedly. Го resume normal playback, press

Playing back a message

►■PLAY/STOP again. To stop playback, press ■STOP. Playing back all messages in a folder continuously — Continuous Play

You can select the continuous play mode with the CONT in the menu. When you set CONT to ON, you can play back all messages in a Searching forward/

backward during playback

(Cue/Review) To search forward, keep ►►Ipressed during playback and wish to resume playback. To search backward, keep - ► pressed during playback and release the button at the point you

wish to resume playback. If you keep ▶▶I+ or - I◀◀ pressed the unit starts to search at higher For the first 10 seconds of cue/ review, fast playback sound can be

heard. When searching at a higher speed, playback sound will not be During cue/review, the counter will be displayed, regardless of the

display mode setting.

you release the button.

When fast playback is done to the end of the last message, "END" flashes for 5 seconds. (You cannot hear the playback sound.) If you keep – ► pressed while "END" is flashing, the messages are played back rapidly, and

normal playback will start at the point

When "END" stops flashing and the OPR indicator goes off, the unit will stop at the beginning of the last If the last message is long and you wish to start playback at a later part of the message, keep ►►I+ pressed to play back the message to the end and

(For messages other than the last one go to the beginning of the next message and play backward to the desired point.)

then press - ◄ while "END" is

flashing to go back to the desired

Erasing Messages

You can erase the recorded messages one by one or all messages in a folder at a Note that once a recording has been erased, you cannot retrieve it.

Erasing messages one by one

When a message is erased, the remaining messages will advance and enumbered so that there will be no space between messages.



1) Press ERASE while playing back the message you want to erase or press ERASE for more than 1 second during

Remaining messages are renumbered.

EPR 5E <

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A beep will sound and the message number and "ERASE" will flash while the whole message is played back 10

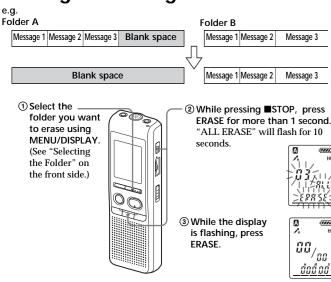
② Press ERASE while the message is being played back. The message is erased and the remaining messages will be renumbered. (For example, if you erase Message 3, Message 4 will be renumbered as Message 3. When erasing is completed, the unit will stop at the beginning of the following

To cancel erasing Press ■STOP before step ②

To erase other messages Repeat steps ① and ②

To erase a message partially First divide the message and then follow the steps to erase the message

Erasing all messages in a folder



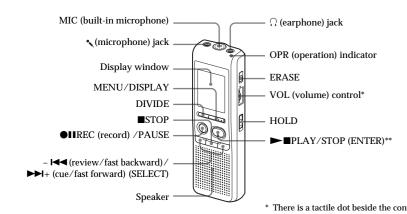
To cancel erasing

Press ■STOP before step ③

Index to Parts and Controls

Main unit

00



* There is a tactile dot beside the control to show the direction to turn up the volume

Display window Remaining battery Folder indication Microphone sensitivity ABCD W - Recording mode indication Alarm indicator - REC (recording) indicator Selected message number Repeat play indicato Number of messages in REC DATE (recorded date) a folder/Menu 28888 indication/Counter indication Remaining time REMAIN indicato indication / Recording Remaining memory date indication / Current Hook for handstrap time indication / (not supplied) Messages

► Various Ways of Recording

Adding a Recording to a **Previously Recorded Message**

You can add a recording to the message being played The added recording will be placed after the current

message and counted as a part of the message playback of Message 3 After Message 3 Message 4 adding a Added recording Meeting at 2 o'clock at Conference room A

1 During playback, press ●IIREC/ PAUSE for more than 1 second. The "REC" indication appears and "ADD" will flash for 3 seconds in the display window. The OPR indicator will turn red. The new recording will be added

at the end of the current message. 2 Press ■STOP to stop the recording.

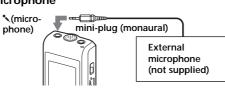
• You cannot add a recording if the remaining memory is not

· The added portion of a message will be recorded in the same recording mode (HQ, SP, or LP).

Recording with an External Microphone or from Other Equipment

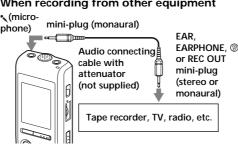
1 Connect a plug-in-power type microphone or other equipment to the <a>(microphone) jack.

When recording with an external microphone



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 nutomatically supplied to the microphone from the IC

When recording from other equipment



2 Follow the steps in "Recording Messages" on the front side to record messages.

- Make sure that the plugs are connected securely. · We recommend you make a trial recording to check the
- connections and volume control.
- When connecting equipment other than Sony's, refer to the instruction manual of the equipment.

Starting Recording Automatically in Response to the Sound — Advanced VOR function

VOR ON: The VOR (Voice Operated Recording) function is activated. Recording starts when the unit detects sound and stops when no sound is heard, eliminating recording from

soundless period.
The VOR function is disabled. Normal

•	recording operation is selected	
1	Press MENU/DISPLAY for more than 1 second until "MODE" appears in the display window.	HQ
2	Press – I or ►►I+ to display "VOR" and press ► ■PLAY/	(III)
	STOP. "OFF (or ON)" will flash.	>0FF
3	Press - I◀◀ or ▶►I+ to select	(V)

4 Press MENU/DISPLAY to exit the

"ON" or "OFF" and press

Now the setting is completed

■PLAY/STOP.



▶Other Functions

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 messages until the total number of messages in the folder becomes 99.

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

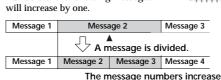
Recording continues

When you press DIVIDE 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.

Message 1 Message 2 Message 3 A message is divided.

You can divide a message during recording pause

The message is divided into two at the point you pressed the button, and the new message number and "DIVIDE" flash for 3 seconds. The message numbers of the following messages



To play the divided message

Press -I◀◀ or ▶►I+ to display the message number as the divided messages each have message numbers.

 ▼ To play the divided messages continuously Select ON for CONT in the menu as described in "Playing Back All Messages in a Folder Continuously"

- · If 99 messages have been recorded in a folder, you cannot divide a message. In that case, reduce the number of messages to 98 or less by erasing unnecessary messages or by moving some of the messages to another folder before dividing a message.
- · If you divide a message with an alarm setting, the alarm setting remains only with the former message divided.
- · You cannot divide a message in the first or the last 1 second. · If you divide a message frequently, the unit may become
- unable to divide a message. Once a message is divided you cannot combine the divided
- messages with the IC recorder. \bullet If you divide messages too frequently while the unit is recording them, the following phenomenon may occur: The OPR indicator keeps flashing, and you cannot operate the unit for a certain period. This is not a malfunction. Wait until the OPR indicator goes off.

Moving Messages to a Different Folder — Move Function

You can move the recorded messages to another folde

100	a can move the recorded messages to anoth	iei ioidei.
Exa	ample: Moving Message 3 in Folder A to Fo	older C
1	While the unit is stopped, select the message you want to move.	# # # # # # # # # # # # # # # # # # #
2	Press MENU/DISPLAY for more than 1 second until "MODE" appears in the display window.	(722)
		30.00
3	Press - I◀◀ or ▶▶I+ to select "MOVE" and press ▶■PLAY/ STOP. The destination folder indication flashes.	MR US
4	Press – I◀◀ or ▶►I+ to select the folder to which you want to move the message (C in this case).	(1) NO.
		<u> </u>
5	Press ► ■PLAY/STOP. The message is moved in the destination folder.	(722
		MB NE
6	Press MENU/DISPLAY to exit the menu mode.	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9

To cancel moving the message(s) Press ■STOP before step 5.

The move function does not duplicate a message in another folder. When you move a message to another folder, the one in the previous folder will be deleted.

Playing Back a Message at a Desired Time with an Alarm

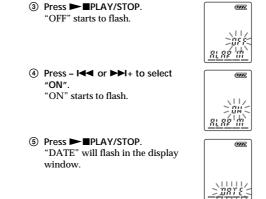
You can sound an alarm and start playback of a selected message at a desired time. If you select "B-ONLY" in Step 6, an alarm sounds only and playback will not start.

1 Select the folder (See "Selecting the Folder" on 85/20 the front side) and display the message you want to play back with an alarm.

2 Enter the alarm setting mode. ① Press MENU/DISPLAY for more than 1 second until "MODE" appears in the display window 30.00

② Press - I◀◀ or ▶►I+ to select "ALARM OFF" (If the alarm has already set to the selected message, "ALARM ON" is displayed. If you do not 81.88 M wish to change the setting, press MENU/DISPLAY and exit the

"ALARM OFF (or ON)" will not appear and the alarm cannot be set if the clock has not been set or no nessage has been recorded in the selected folder.



3 Set the alarm date.

To play back on a desired date (the message will be played back at the same time on the same date every year until you erase the message)

① Press ►■PLAY/STOP while "DATE" is flashing. The year digits will flash.

② Press - I◄◄ or ▶►I + to select the year digits and press ►■PLAY/STOP. The month digits will flash.

③ Press - I◀◀ or ▶►I+ to select the month digits and press ■PLAY/STOP.

The day digits will flash ④ Press - I◀◀ or ▶►I+ to select the day digits.

To play back once a week Press - I or ▶►I+ to select the day of the week.

To play back at the same time every day Press - I or ▶I+ to select "DAILY". 4 Press ►■PLAY/STOP.

5 Set the alarm time. Press - I or ►►I+ to select the hour digits and press ■PLAY/STOP.

The hour digits will flash.

The minute digits will flash ② Press - I◀◀ or ▶►I+ to select the minute digits and press ■PLAY/STOP. "B-PLAY" will be displayed.

6 Set the alarm sound. the alarm sound either from "B-PLAY" (playing back the message after the alarm) or

"B-ONLY" (alarm only) ② Press ►■PLAY/STOP "ALARM ON" will be displayed.

7 Press MENU/DISPLAY to exit the

"(*)" is displayed when the number of the message with alarm setting is selected. At the set time, the alarm will sound for about 10 seconds and the selected message will be played back. During playback, "ALARM" will flash in the display

at the beginning of that message To listen to the same message again Press ►■PLAY/STOP. The same message will be played

When the playback ends, the unit will stop automatically

To cancel the alarm setting before the playback starts

Press STOP while the alarm sound is heard. You can stop even when the HOLD function is activated.

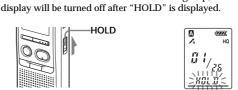
- You cannot set the alarm if you have not set the clock or there is no message in the selected folder (the unit will not enter the alarm setting mode when you press MENU/DISPLAY in
- Step 2). • If you try to set the alarm to play back a message at a
- previously set time on another message, "PRE SET" will be displayed, preventing new settings.
- If you try to set the alarm to the time before the current time, "BACK-D" appears in the display window and you cannot set the alarm.
- 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, alarm will sound for 10 seconds after the recording is finished and playback
- begins, "(*)" 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 · If you erase the message you set the alarm to play back, the
- alarm setting will be cancelled. If you divide a message with the playback alarm, playback
- will stop at the point you divided a message. You can adjust the playback volume with the VOL control.
- If the alarm time comes during erasing, alarm will sound for 10 seconds after the erasing is finished and playback begins. Alarm setting will not be cancelled when the alarm playback
- finishes. To cancel alarm setting, see below

To cancel or change the alarm setting

- 1 Select the message you set the alarm to play back, and press MENU/DISPLAY for more than 1 second to enter
- 2 Press I or ►►I + to select "ALARM ON". 3 Press ►■PLAY/STOP to flash "ON".
- 4 To cancel the alarm setting: Press I or ▶►I + to flash "OFF" and press ▶■PLAY/STOP. To change the alarm setting: Press ►■PLAY/STOP. When the alarm date is displayed, follow the Steps 3 to 6 of "Playing Back a Message at a Desired Time with an
- Alarm" to change the alarm setting 5 Press MENU/DISPLAY to exit the menu mode

Preventing Accidental Operation — HOLD function

Slide the HOLD switch to "ON". "HOLD" will appear for 3 seconds, indicating that all the functions of the buttons are locked. When the HOLD function is activated during stop, all the



To cancel the HOLD function Slide the HOLD switch to "OFF"

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When the HOLD function is activated during recording, cancel the HOLD function first to stop recording.

Even if the HOLD function is activated, you can stop the alarm playback. To stop the alarm or playback, press ■STOP

Selecting the Display Mode

You can select the display mode for the stop, recording and playback modes. Each time you press MENU/DISPLAY, the display mode will change as shown below:

☞ On the current time display If the unit is left unoperated for more than 3 101/28 seconds in the stop mode, the display will show the current time, regardless of the display mode setting. 8:45 ➤ Elapsed playback/recording time in one message *002*53 Remaining time (REMAIN): In the playback mode: The remaining time of one message # 1/ indication. In the stop and recording time indication Recorded date (REC DATE)* The date the current message was recorded.

* If the clock has not been set, "--Y--M--D" will be displayed. **If the clock has not been set, "--:--" will be displayed.

15:35

Recorded time (REC DATE)**

The time the current message

was recorded.

Turning off the Beep Sound

has been accepted.

1 Press MENU/DISPLAY for more

2 Press - I or ►►I+ to display

► ■PLAY/STOP.

►■PLAY/STOP.

(monaural sound)

"ON (or OFF)" will flash.

3 Press – I or ►►I+ to select

"ON" or "OFF" and press

4 Press MENU/DISPLAY to exit the

Changing the Recording Mode

The setting is completed.

"BEEP ON (or OFF)" and press

than 1 second until "MODE"

appears in the display window.

BEEP ON: A beep will sound to indicate that operation On power BEEP OFF: No beep sound will be heard except for the

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• Operate the unit only on 3 V DC. Use two LR03 (size AAA) alkaline batteries

On safety

Precautions

• Do not operate the unit while driving, cycling or

operating any motorized vehicle.

On handling

· Do not leave the unit in a location near heat sources, or

mechanical shock. Should any solid object or liquid fall into the unit remove the batteries and have the unit checked by qualified personnel before operating it any further.

in a place subject to direct sunlight, excessive dust or

On noise

· Noise may be heard when the unit is placed near an AC power source, a fluorescent lamp or a mobile phone during recording or playback. Noise may be recorded when an object, such as your.

finger, etc., rubs or scratches the unit during recording.

On maintenance

· To clean the exterior, use a soft cloth slightly moistened in water. Do not use alcohol, benzine or thinner

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

we recommend that you save a backup copy of your

Backup recommendations To avoid potential risk of data loss caused by accidental operation or malfunction of the IC recorder.

recorded messages on a tape recorder, etc

HQ: You can record with the high quality sound SP: You can record with better sound (monaural sound).

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LP: You can record for longer time (monaural sound). 1 Press MENU/DISPLAY for more than 1 second until "MODE" appears in the display window.

mane 2 Make sure that "MODE" is displayed and press ►■PLAY/ "HQ (or SP, LP)" will flash.

30.00 3 Press - I or ►►I+ to select "HQ", "SP" or "LP" and press ►■PLAY/STOP.

Now the setting is completed. mane 4 Press MENU/DISPLAY to exit the menu mode. The setting becomes effective and 11/

the normal screen will be displayed. If the unit is left unoperated for more than 3 seconds, the display will show the current time and the selected recording mode will be $\,$ displayed.

Playing Back All Messages in a **Folder Continuously**

CONT ON: You can play back all messages in a folder

CONT OFF: Playback stops at the end of each message. 1 Press MENU/DISPLAY for more than 1 second until "MODE" appears in the display window.

mane 2 Press - I or ►►I+ to display "CONT" and press ►■PLAY/

"OFF (or ON)" will flash. 3 Press – I◀◀ or ▶▶I+ to select "ON" or "OFF" and press ►■PLAY/STOP.

menu mode.

Now the setting is completed

STOP

4 Press MENU/DISPLAY to exit the



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Specifications

Built-in flash memory 16 MB, Monaural recording

SP: 4 hours 40 minutes

Recording time HQ: 1 hours 45 minutes

LP: 7 hours 45 minutes Frequency range 260 Hz - 6,800 Hz HQ:

SP/LP: 220 Hz - 3,400 Hz Speaker approx. 2.8 cm (1 1/8 in.) dia. Power output

250 mW Input/Output • Earphone jack (minijack) for 8 - 300 ohms ear

receiver/headphones Microphone jack (minijack, monaural) Plug in power

Minimum input level 0.6 mV Power requirements Two LR03 (size AAA) alkaline batteries: 3 V DC

Dimensions (w/h/d) (not incl. projecting parts and $34.6 \times 109.5 \times 18.0 \text{ mm} \left(1 \frac{3}{8} \times 4 \frac{3}{8} \times \frac{23}{32} \text{ in.}\right)$

Mass (incl. batteries 65 g (2.3 oz) Supplied accessories

Operating instructions (1)

LR03 (size AAA) alkaline batteries (2) (For the Optional accessories Electret Condenser Microphone ECM-Z60,

ECM-TL1 (for telephone recording) Audio connecting cable RK-G64HG /RK-G69HG (excluding Europe) Active speaker SRS-T88, SRS-T80

Your dealer may not handle some of the above listed optional accessories. Please ask the dealer for detailed

Design and specifications are subject to change without

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