

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-B500 Serial No. _

IC Recorder ICD-B500

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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.

The following FCC statement applies only to the version of this model manufactured for sale in the USA. Other versions may not comply with FCC technical regulations.

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 installation. 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 measure

Reorient or relocate the receiving antenna

cause undesired operation

- 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

If you have any questions about this product, you may call: http://www.sony.com/

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



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 By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and

aman health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of naterials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic 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 are weal

- 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 clock was not set.

You cannot divide a message.

- 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

• 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

You cannot record messages up to the

indicator goes off

- maximum recording time. · If you record messages in a mixture of HO, SP and LP modes, the recordable time varies from the maximum HO mode recording time to the
- maximum LP mode recording time. • 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 the minimum recording unit, the remaining recording time may decrease by more than the total length of the messages.

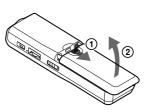
The unit does not operate correctly. Take out the batteries and insert them again.

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

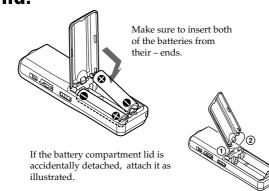
► Getting started

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

batteries with new ones

When \P flashes, replace the

When flashes, the batteries are

With continuous use, approx. 11 hours

recording/7.5 hours playback in the

recording/11 hours playback in the SP

Using Sony alkaline batteries LR03

When playing back through the

internal speaker with the medium

HQ mode, and approx. 22 hours

exhausted and the unit will stop

condition.

operation.

Battery life*

(size AAA)

volume level

Recording Messages

▶Basic Operations

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. See "Selecting the Folder"

① Press ●IIREC/PAUSE. -

Recording mode

₹ Counter display*

– I◄◄ (Review)

pause recording*

release pause and

resume recording

listen to the current

review the current

recording instantly

recording (Review)

select the microphone

and the unit goes into the stop mode.

Selecting the Folder

▶■PLAY/STOP.

and press ►■PLAY/STOP.

4 Press ■STOP to exit the menu mode.

search backward during

recording

ecord you will record in the same folder

_ Current message

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

If you do not change the folder after you stop recording, the next time you

Press OHREC/PAUSE.

Press • IIREC/PAUSE.

► ■PLAY/STOP

⁴ About one hour after you pause recording, recording pause is automatically released

1 Press DISPLAY/MENU for more than 1 second until

2 Press – I or ►►I+ to select "FOLDER" and press

3 Press – I or ►►I+ to select the folder you want

"MODE" appears in the display window

Recording resumes from that point

Do this

Stop recording.

The battery life may shorten depending on the operation of the Start recording.

- Do not use manganese batteries for
- 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,
- however, 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
- atteries to prevent damage from battery leakage and corrosion. The unit is accessing data while "ACCESS" appears in the display

window. While accessing, do not

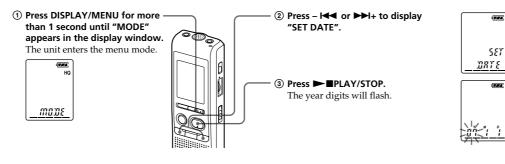
damage the data.

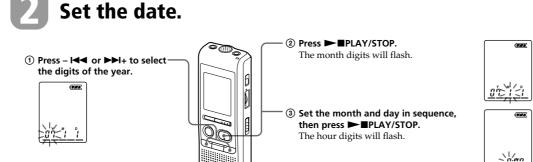
remove the batteries. Doing so may

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







To set the date to Year 2005, display

Set the time. Press – I◀◀ or ▶►I+ to select 3 Set the minute. the digits of the hour. ④ Press ►■PLAY/STOP at the time The display will return to "SET 583 DATE" DRTE ② Press PLAY/STOP. ⑤ Press ■STOP to exit from the 4**7//** The minute digits will flash. 88_{/88} If the unit is left unused for more than 3 seconds in the stop mode, the display will show the current time. 8:20

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

Noise may be recorded if an object such as your finger, etc., accidentally rubs or scratches the unit during

Maximum recording time

The maximum recording time of all the folders is as follows. You can

	messages for the maximum ing time in a single folder.
HQ*	30 h. 25 min.
SP**	81 h. 15 min.
LP***	150 h. 15 min.

- (h.: hours/min.: minutes) HQ: High quality recording mode
- ** SP: Standard play recording mode
- (monaural sound) ***LP: Long play recording mode

• To record in better sound quality,

(monaural sound) Notes

2 Speak to the

microphor

OPR indicator

recording.)

► ■PLAY/STOP

Press STOP

recording.

During recording pause, the OPR indicator flashes in

red and "PAUSE" flashes in the display window.

To stop recording after pausing recording, press

Press ■STOP to stop recording, then press

Press ►■PLAY/STOP during recording.

Hold down - I during recording or recording

eviewing of the current recording starts. If you

release the button, playback starts from that point.

You can select the microphone sensitivity using the

H (high): To record at meeting or in a quiet and/or

L (low): To record for dictation or in a noisy place.

pause. Recording mode will be released, and

menu. See "Selecting the Microphone Sensitiv

The unit stops at the

beginning of the current

(lights in red during

MENU button

* The display selected

with the DISPLAY/

- 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 the number of messages you can make vary depending on the
- conditions of use. When you record messages in the mixture of HQ, SP and LP mode, the between those for the HO and LP
- Due to the limitation of the IC recording system, this unit records in the minimum recording unit of approx. 2 seconds at most, therefore

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
- 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.
- The sum of the number on the counter (elapsed recording time) and the remaining recording time may be less than the unit's

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

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.

last one of the indication flashes

- If you press OHREC/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 OHREC/PAUSE after ou have recorded 99 messages. "FULL" will flash with an alarm sound. Select another folder or erase some of the messages

Starting recording VOR function

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 the display window.)

mane

FOLD EP

FOLD EP

102/05

Current folder — 📳 🚾

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

Selecting the Microphone Sensitivity

1 Press DISPLAY/MENU for more than 1 second until "MODE" appears in the display window.

2 Press – I or ►►I+ to select "SENS" and press

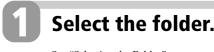
5*E H* S 3 Press – I◀ or ▶►I+ to select "H (high sensitivity)" or "L (low sensitivity)" and press ►■PLAY/STOP.

4 Press ■STOP 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.



See "Selecting the Folder"

Select the message number.

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

OO

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

When the last message on a folder has been played back, the unit stops at the

Connect an ear receiver or headphones (not supplied) to the \(\hat{\cap}\) (headphone) jack.

Do this

Press - I once

Press ▶► once.

Press ►■PLAY/STOP or ■STOP.

oress ▶■PLAY/STOP again.

Press – I or ►I+ repeatedly.

pressed to skip the messages

The built-in speaker will be automatically disconnected. If noise is heard, wipe

side), the unit stops after playing all messages in a folder.

display the desired - I◄< : for smaller</p> message number ▶►I+: for larger message numbe

Start playback.

① Press ►■PLAY/STOP.

Counter display (or the

selected display mode)

beginning of the last message

the headphones plug.

Other operations

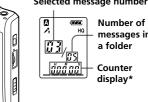
stop at the current position

go back to the beginning

of the current message

messages

83/



(headphone) jack

(lights in green during

② Adjust the volume

with the VOL contro

OPR indicator

playback.)

(Cue/Review) To search forward, keep ▶▶

> pressed during playback and elease the button at the point you wish to resume playback pressed during playback and

If you keep ▶►I+ or – ► pressed, For the first 10 seconds of cue/

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.

5 seconds. (You cannot hear the playback sound.) If you keep – ►

messages are played back rapidly, and normal playback will start at the point vou release the button. When "END" stops flashing and the OPR indicator goes off, the unit will stop at the beginning of the last

hen press - H while "END" is flashing to go back to the desired

(For messages other than the last one

desired point.)

go to the beginning of the next

message and play backward to the

— Repeat Play

repeatedly

►■PLAY/STOP for more than

one second. "

" will be displayed and the selected message will be played back repeatedly. o 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

To search backward, keep - ► release the button at the point you wish to resume playback.

the unit starts to search at higher review, fast playback sound can be

When fast playback is done to the end of the last message, "END" flashes for

pressed while "END" is flashing, the

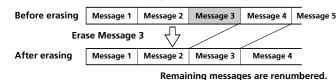
If the last message is long and you wish to start playback at a later part of the message, keep ▶►I+ pressed to play back the message to the end and

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.

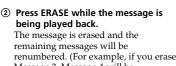
Erasing messages one by one

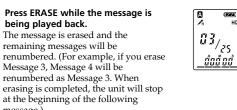
When a message is erased, the remaining messages will advance and renumbered so that there will be no space between messages



1) Press ERASE while playing back the message you want to erase or press

ERASE for more than 1 second during A beep will sound and the message number and "ERASE" will flash while the whole message is played back 10





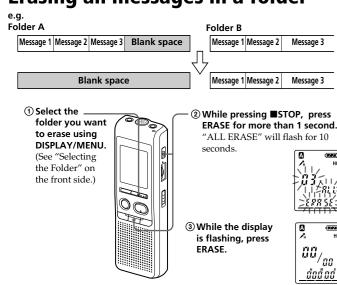
To cancel erasing Press ■STOP before step ②

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

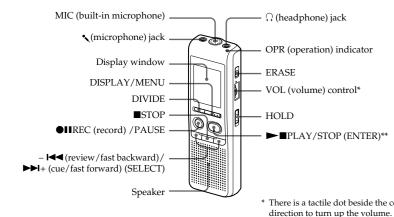
Erasing all messages in a folder



To cancel erasing Press ■STOP before step ③

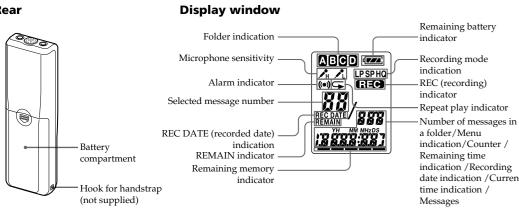
Index to Parts and Controls

Main unit



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

**The button has a tactile dot



▶ 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 After adding a Added recording Meeting at 2 o'clock on December 1. 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.

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

The new recording will be added

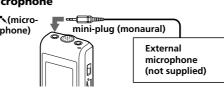
• You cannot add a recording if the remaining memory is not

• 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**

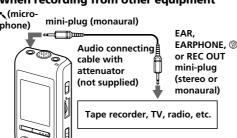
1 Connect a plug-in-power type microphone or other equipment to the (microphone) jack.

When recording with an external



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.

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

onnections 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.

VOR OFF: The VOR function is disabled. Normal

_	recording operation is selected.	
1	Press DISPLAY/MENU for more than 1 second until "MODE" appears in the display window.	H
		made
2	Press – I◀◀ or ▶►I+ to display "VOR" and press ▶■PLAY/	(777 4)
	"OFF (or ON)" will flash.	>0FF \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

Now the setting is completed

3 Press – I or ►►I+ to select

"ON" or "OFF" and press

4 Press ■STOP to exit the menu

▶■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.

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. → Recording continues

You can divide a message during recording pause

 When you press DIVIDE during playback: 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

will increase by one.						
Message 1	Message 2		Message 3			
	A message is divided.					
Message 1	Message 2	Message 3	Message 4			
The message numbers incre						

To play the divided message

Press -I or ▶ + 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.

• 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 folder

Example: Moving Message 3 in Folder A to Folder C 1 While the unit is stopped, select the message you want to move. 2 Press DISPLAY/MENU for more than 1 second until "MODE" appears in the display window. 3 Press - I◄ or ▶I+ to select "MOVE" and press ▶■PLAY/STOP. The destination folder indication flashes. 4 Press - I◄ or ▶I+ to select the folder to which you want to move the message (C in this case). 5 Press ▶■PLAY/STOP. The message is moved in the destination folder. 6 Press ■STOP to exit the menu mode.	You	a can move the recorded messages to anoth	er folder.
the message you want to move. 2 Press DISPLAY/MENU for more than 1 second until "MODE" appears in the display window. 3 Press – I or > I + to select "MOVE" and press > IPLAY/STOP. The destination folder indication flashes. 4 Press – I or > I + to select the folder to which you want to move the message (C in this case). 5 Press > IPLAY/STOP. The message is moved in the destination folder.	Exa	ample: Moving Message 3 in Folder A to Fo	lder C
than 1 second until "MODE" appears in the display window. ### Press - I or >>I+ to select "MOVE" and press >= IPLAY/ STOP. The destination folder indication flashes. #### Press - I or >>I+ to select the folder to which you want to move the message (C in this case). ###################################	1	•••	
"MOVE" and press ▶■PLAY/ STOP. The destination folder indication flashes. 4 Press - I ✓ or ▶►I + to select the folder to which you want to move the message (C in this case). 5 Press ▶■PLAY/STOP. The message is moved in the destination folder.	2	than 1 second until "MODE"	H
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The message is moved in the destination folder. ### MB VE 6 Press ##STOP to exit the menu			<u> </u>
6 Press ■STOP to exit the menu	5	The message is moved in the	
Tress = 5101 to exit the mena			<u>ma ve</u>
	6		
			<u> </u>
		cancel moving the message(s)	

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 85/2 the front side) and display the message you want to play back with an alarm.

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

② Press – I◀◀ or ▶►I+ to select "ALARM OFF" (If the alarm has already set to the selected message, "ALARM 81.88 M

ON" is displayed. If you do not wish to change the setting, press ■STOP and exit the menu mode.)

③ Press ►■PLAY/STOP

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

"OFF" starts to flash ④ Press – I◄◄ or ▶►I+ to select "ON" starts to flash. ⑤ Press ►■PLAY/STOP. "DATE" will flash in the display window.

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)

 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. กกัรซึ่<u>(รร</u>ิ 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. >5111/< To play back at the same time every day Press – I◀◀ or ▶▶I+ to select

"DAILY". 4 Press ►■PLAY/STOP. The hour digits will flash.

5 Set the alarm time. Press – I◀◀ or ▶►I+ to select the hour digits and press ► ■PLAY/STOP. 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 ■STOP to exit the menu



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"(•)" 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

When the playback ends, the unit will stop automatically

Press ►■PLAY/STOP. 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 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 DISPLAY/MENU in

• 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 DISPLAY/MENU for more than 1 second to enter

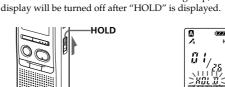
2 Press – I or ►► + to select "ALARM ON"

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 ■STOP 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"

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

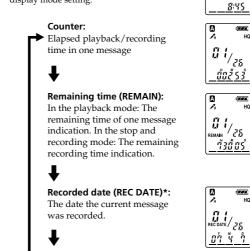
Even if the HOLD function is activated, you can stop the alarm playback. To stop the alarm or playback, press ■STOP

Selecting the Display Mode

You can select the display mode for the stop, recording and playback modes Each time you press DISPLAY/MENU, the display mode

ℰ On the current time display If the unit is left unoperated for more than 3 seconds in the stop mode, the display will show the current time, regardless of the display mode setting.

will change as shown below:



* 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

1 Press DISPLAY/MENU 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 ■STOP to exit the menu

Changing the Recording Mode

SP: You can record with better sound (monaural sound).

LP: You can record for longer time (monaural sound).

HQ: You can record with the high quality sound

1 Press DISPLAY/MENU for more

2 Make sure that "MODE" is

"HQ (or SP, LP)" will flash.

3 Press – I or ►►I+ to select

Now the setting is completed.

4 Press ■STOP to exit the menu

the normal screen will be

displayed.

displayed.

The setting becomes effective and

If the unit is left unoperated for

more than 3 seconds, the display

selected recording mode will be

Folder Continuously

1 Press DISPLAY/MENU for more

2 Press – I◀◀ or ▶▶I+ to display

"OFF (or ON)" will flash.

3 Press – I or ►►I+ to select

"ON" or "OFF" and press

Now the setting is completed.

4 Press ■STOP to exit the menu

►■PLAY/STOP.

STOP.

"CONT" and press ►■PLAY/

than 1 second until "MODE"

appears in the display window.

will show the current time and the

Playing Back All Messages in a

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

CONT OFF: Playback stops at the end of each message.

▶■PLAY/STOP.

"HQ", "SP" or "LP" and press

STOP.

than 1 second until "MODE"

appears in the display window.

displayed and press ►■PLAY/

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 has been accepted.
BEEP OFF: No beep sound will be heard except for the

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information.

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

On power

Precautions

On safety

• 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 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 and have the unit checked by qualified personnel before operating it any further.

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.

accidental operation or malfunction of the IC recorder,

we recommend that you save a backup copy of your

Backup recommendations To avoid potential risk of data loss caused by

recorded messages on a tape recorder, etc

Specifications

Built-in flash memory 256 MB, Monaural recording Recording time

SP: 81 hours 15 minutes LP: 150 hours 15 minutes

220 Hz - 3,100 Hz Speaker approx. $2.8 \text{ cm} (1^{1}/_{8} \text{ in.}) \text{ dia.}$

Input/Output

•Headphone jack (minijack) for 8 - 300 ohms

Plug in power Minimum input level 0.6 mV

Dimensions (w/h/d) (not incl. projecting parts and

 $34.6 \times 109.5 \times 18.0 \text{ mm} \left(1\frac{3}{8} \times 4\frac{3}{8} \times \frac{23}{32} \text{ in.}\right)$

Supplied accessories Operating instructions (1)

Europe and Tourist model) Carrying pouch (1) (excluding the U.S.A., Canada, Europe and Tourist model)

ECM-CZ10, ECM-TL1 (for telephone recording) Audio connecting cable RK-G64HG /RK-

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

Actual usable capacity may be smaller.

HQ: 30 hours 25 minutes

260 Hz - 6,800 Hz HO: 220 Hz - 3,400 Hz

Power output 250 mW

•Microphone jack (minijack, monaural)

Power requirements Two LR03 (size AAA) alkaline batteries: 3 V DC

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

LR03 (size AAA) alkaline batteries (2) Headphone (1) (excluding the U.S.A., Canada,

Optional accessories Electret Condenser Microphone ECM-DM5P,

G69HG (excluding Europe) Active speaker SRS-T88, SRS-T80