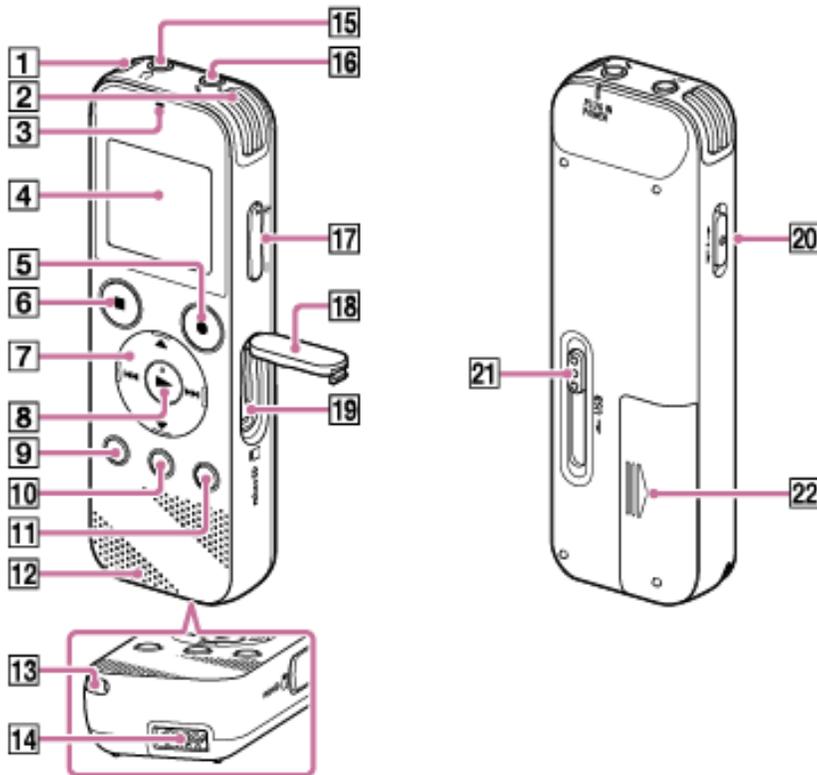


# SONY ICD\_PX470 Digital Recorder

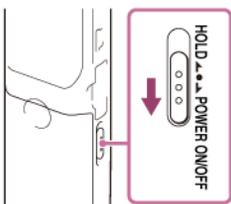
## Displays

### Parts and controls



1. Built-in microphone (L)
2. Built-in microphone (R)
3. Operation indicator
4. Display window
5. ● REC/PAUSE button
6. ■ STOP button
7. Control button (DPC, ↺ A-B repeat, ⏪ (backward), ⏩ (forward))
8. ▶ PLAY · ENTER button
9. ● BACK/ ● HOME button (Press and hold)
10. T-MARK (track mark) button
11. OPTION button
12. Speaker
13. Strap hole
14. USB connector compartment
15. 🎧 (headphone) jack
16. 🎤 (microphone) jack
17. VOL -/+ (volume) button
18. Slot cover
19. MicroSD memory card slot
20. HOLD · POWER ON/OFF switch
21. USB slide lever
22. Battery compartment

### Turning the power on

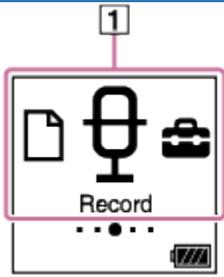


- Slide and hold the HOLD · POWER switch in the direction of “POWER” for more than 1 second to turn it on.
- To Turn off, slide and hold the HOLD · POWER switch in the direction of “POWER” until the “Power Off” is displayed.
- Slide the HOLD · POWER switch in the direction of “HOLD” to disable the buttons while the power is on.
- It will automatically turn off after 10 min

### Date and Time

- You will be asked to set the date and time the first time you turn it on or when you change the batteries.
- You can change the clock setting and the beep sound setting at any time later by selecting “🗑 Settings” - “Common Settings” from the HOME menu.

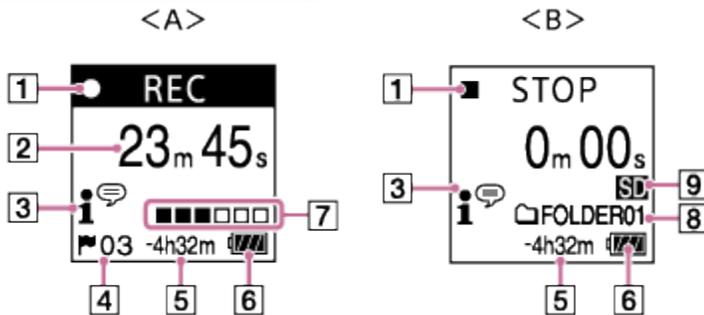
## HOME Display Menu



1. Press and hold the BACK/ HOME button
2. Press or to select the function you want to use, and then press
3. You can select one of the following:



## Recording Display



1. Recording status indicator (REC, PAUSE, STOP)
2. Elapsed time of the current recording
3. Scene Select indicator. (Change with OPTION button)
  - : Auto Voice Rec
  - : Meeting
  - : Lecture
  - : Voice Notes
  - : Interview
  - : Soft Music
  - : Loud Music
4. Number of added track marks.
5. Remaining recording time (10 hours or more: no indication)
6. Battery indicator
7. Recording level volume
8. File storage destination folder
9. Memory storage indicator (Appears if memory card is selected for storing the recorded files)

## Recording

1. Place the recorder so that the microphone faces the direction of the source to be recorded.
2. Press REC/PAUSE button. The operation indicator on the front lights in red.
3. Press REC/PAUSE to pause recording
4. Press STOP to stop recording. The “Saving...” animation appears and the recorder stops.
5. By default, the recorded files are stored in “FOLDER01”
6. Recorded files are named as “recording date\_recording time” (e.g. 161010\_0706.mp3).

## Erase a file

1. Select the file you want to erase.
2. Press the OPTION button on the recorder.
3. Select “Delete a File” on the menu, and then press
4. Press or to select “Yes” , and then press

## Settings for Recording

- Select “ Settings” – “Recording Settings” to access the different settings
- Press ▲ or ▼ to move through items
- Press ► to select an item
- Press and hold BACK/HOME to return to the HOME menu
- Press ■ STOP to exit

Recording Folder:	Change the file storage destination folder
Create Folder:	Create a new folder to store files
Scene Select:	Select a recording scene for an individual situation
REC Mode:	Select the quality of the recording, default is MP# 192 kbps
Built-In Mic Sensitivity:	Select the sensitivity level of the microphones. (High – Lectures, Low – voice notes)
Focused/Wide:	Focused – isolates sounds coming from direction microphone points to (Lectures). Wide – picks up sound from all directions in stereo (Meetings)
Ext. Input Setting:	Select the audio input type and the sensitivity level of the external microphone
Recording Filter:	Reduce noise during recording (NCF – cuts non-voice sounds, LCF – cuts low-frequency background noises like wind and fans)
VOR:	Voice Operated Recording makes the recorder pause when no sound is heard and resume recording when it detects sound again.
Auto Track Marks:	Adds track marks automatically at 5, 10, 15, or 30 minutes intervals

## Playback

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1. Select “ Recorded Files” on the HOME menu, and then press ► .
2. Search and select a file.
3. Press ► . Playback starts.
4. Press VOL -/+ to adjust the playback volume.
5. Press ■ STOP to pause playback. To resume playback from that point, press ► .

### Options during playback

#### To go back to the beginning of the current file

Press  once.

When a track mark is set, the IC recorder goes backward to the track mark before the current point.

#### To go back to previous files or skip to the next file

Press  or  repeatedly.

#### To Fast Forward or Rewind

Press and hold down  or 

### Playing back a specified section repeatedly (A-B repeat)

1. During playback, press the ▼  A-B to specify the starting point A.
2. Press ▼  A-B again to specify the finishing point B.
3. To stop A-B repeat playback, press ■ (stop). The A-B repeat setting remains.
4. Press the ▼  A-B button to resume normal playback.

## Adding a track mark

You can add a track mark at a point at which you would like to locate during playback.

- Press the T-MARK button when you want to add a track mark.  
The  (track mark) indicator and the track mark number flash, and a track mark is added.
- To locate a track mark and start playback at the track mark, press  or  in the stop mode. When the  (Track mark) indicator and the track mark number flash once, press  to start playback

## Clear Voice - Reduce background noise during playback

The clear voice function reduces ambient noise, which makes the human voice clearer when you listen to the playback sound.

1. In the stop or playback mode, press the OPTION button and select “Clear Voice”, then press .
2. Press  or  to select “Clear Voice 1” or “Clear Voice 2,” and then press .

## Change Playback Speed – DPC function

You can adjust the playback speed in a range from 0.25 times to 3.00 times.

1. In the stop or playback mode, press  DPC (Digital Pitch Control),
2. Press  or  to adjust the playback speed.
3. Press  or  to select ON, then Press  to set the playback speed.

## Connecting to your computer

To exchange files between the recorder and your computer, connect the recorder to your computer.

1. Press and hold the USB slide lever on the back of the IC recorder, and then slide it in the direction of the arrow to push out the USB connector.
2. Insert the connector into the USB port on a computer that is up and running.
3. If a window does not automatically open, you can locate it:
  - For Windows: open “This PC,” and look for “IC RECORDER” under devices
  - For Mac: make sure that an “IC RECORDER” drive is displayed on the Finder.
4. The “**REC\_FILE**” folder contains all of your recordings.
5. You can drag and drop the files or folders you want to copy to or from your computer.

## Battery Life

The recorder takes 2 AAA batteries. Rechargeable batteries last approximately 4 hours less.

Playback through built-in speakers	18 hours
Playback through headphones	43-45 hours
Recording MP3 192-48 kbps	55-62 hours

## Recording file sizes

The recorder holds 4 GB of files.

MP3 192 kbps	39 hours 45 minutes
MP3 128 kbps	59 hours 35 minutes
MP3 48 kbps	159 hours

## Help Guide

You can view the online documentation here: <https://helpguide.sony.net/icd/p47/v1/en2/index.html>