SONY
Help Guide

IC Recorder
ICD-TX660

Use this Help Guide when you have any questions on how to use your IC recorder.
The contents of the Help Guide may be subject to change without notice due to updates to the product's specifications.

Preparation

IC Recorder
ICD-TX660

Parts and controls

1. Built-in microphones

2. Operation indicator

3. ●□ (record/recording stop) button

4. Display window

5. ►►I (cue/fast forward) button

6. ►■ (play/enter/stop) button (*1)

7. I◄◄ (review/fast backward) button

8. JUMP button

9. OPTION button

10. ● BACK／● HOME button
(You can return to the previous screen or item by pressing this button quickly and you can also return to the HOME menu by pressing and holding this button.)

11. Built-in speaker (*2)

12. VOL -/+ (volume -/+) button (*1)

13. USB Type-C port

14. Headphones jack

15. Clip

16. POWER・HOLD switch (*3)
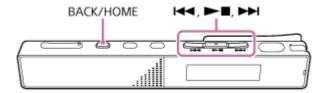
*1 The ▶■(play/enter/stop) button and VOL + (volume +) button have a tactile dot. Use the tactile dot as a reference when operating the IC recorder.
*2 The built-in speaker is for checking the recorded sound, so the volume is limited. If playback sound is not loud enough or is difficult to hear, use headphones (not supplied.)
*3 Sliding the POWER・HOLD switch to [POWER] and holding it for 8 seconds or longer restarts your IC recorder. For details, see Restarting the IC recorder.

Using the HOME menu

The HOME menu allows you to select a function, search for recorded files, or change the settings on your IC recorder.

1. **Press and hold BACK/HOME.**

   The HOME menu appears.

2. **Press** ◄◄ **(review/fast backward) or** ►►◄ **(cue/fast forward) to select the function you want to use, and then press** ►■**(play/enter/stop).**

   You can select the following functions:

   ♪ Music:
   You can select music files imported from a computer for playback.

   To locate a music file, you can select one of the file search categories: [All Songs], [Albums], [Artists], and [Folders].

   When you import music files, import them into the MUSIC folder.

   ▯ Recorded Files:
   You can select files recorded by the IC recorder for playback.

   To locate a recorded file, you can select one of the file search categories: [Latest Recording], [Search by REC Date], [Search by REC Scene], and [Folders].

   🎤 Record:
   You can display the recording standby screen. To start recording, press ●□ (record/recording stop).

   🧰 Settings:
   You can display the Settings menu and change various settings on the IC recorder.

   ↩ Back to XX(*):
   Select this function to return to the screen before you displayed the HOME menu.

   * The function you are currently using is displayed in [XX].

Related Topic
- Using the OPTION menu
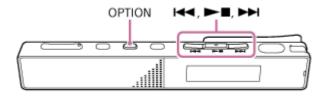
IC Recorder
ICD-TX660

Using the OPTION menu

You can display the OPTION menu by pressing OPTION. The OPTION menu items vary depending on the selected function of your IC recorder.

> **Note**
> ● The OPTION menu may not appear, depending on the screen on the display window.

OPTION   ⏮ , ▶■, ⏭

1. **Select the function you want to use on the HOME menu, and then press OPTION.**

   The OPTION menu associated with the selected function appears.

   REC Information
   Recording Folder
   Create Folder

2. **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select the desired menu item, and then press ▶■(play/enter/stop).**

3. **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select the desired setting, and then press ▶■ (play/enter/stop).**

> **Hint**
> ● To return to the previous screen, press BACK/HOME while the OPTION menu is on the display window.

Related Topic
- Using the HOME menu
- List of the OPTION menu items

IC Recorder
ICD-TX660

List of the OPTION menu items

The following lists the OPTION menu items. To display the OPTION menu, press OPTION.
Depending on the operation or condition, some of the items may not be displayed.

Record

The following menu items are available while:
- recording is in progress.
- recording is on standby.

- REC Information:
  Display window while the recording information is displayed

- Recording Folder:
  Changing the storage folder for recorded files

- Create Folder:
  Creating a folder

- Scene Select:
  Selecting a recording scene for an individual situation

- Recording Delay:
  Using the recording delay function

- REC Mode:
  Selecting the recording mode (REC Mode)

- Add Track Mark:
  Adding a track mark

- Mic Sensitivity:
  Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)

- Stereo Emphasis:
  Emphasizing the stereo effect when recording (Stereo Emphasis)

- Recording Filter:
  Reducing noise during recording (Recording Filter)

- VOR:
  Recording automatically in response to the input sound volume – the VOR function

- Delete File:
  Deleting a file

Recorded Files

The following menu items are available while:
- the recorded files are listed.
- playback of a recorded file is in progress.
- playback of a recorded file is on standby.

- Add Track Mark:
  [Adding a track mark](#)

- DPC(Speed Control):
  [Adjusting the playback speed – the DPC(Speed Control) function](#)

- A-B Repeat:
  [Specifying a segment of a file to play repeatedly (A-B repeat)](#)

- Clear Voice:
  [Reducing noise in the playback audio to make human voices sound clearer – the Clear Voice function](#)

- Equalizer:
  [Selecting a sound quality setting (Equalizer)](#)

- Easy Search:
  [Jumping forward/back a fixed number of seconds (Easy Search)](#)

- Play Mode:
  [Selecting the playback mode](#)

- Playback Range:
  [Specifying the playback range in the stored file list](#)

- Delete File:
  [Deleting a file](#)

- Delete All in List:
  [Deleting all files in the searched folder or list](#)

- Delete All Files:
  [Deleting all files in the searched folder or list](#)

- Protect:
  [Protecting a file](#)

- Do Not Protect:
  [Protecting a file](#)

- Track Mark List:
  [Locating a playback point with the track mark list (Track Mark List)](#)

- Delete Track Marks:
  [Deleting a track mark](#)

- Divide:
  [Dividing a file at the current playback point](#)
  [Dividing a file at all the track mark points](#)

- Move File:
  [Moving a file to a different folder](#)

- Copy File:
  [Copying a file to a different folder](#)

- Change File Name:
  [Changing a file name](#)

- File Information:
  [Display window while the current file information is displayed](#)

- Create Folder:

Creating a folder

- Delete Folder:
  Deleting a folder

- Change Folder Name:
  Changing a folder name

Music

The following menu items are available while:
- playback of a file that is imported from a computer is in progress.
- playback of a file that is imported from a computer is on standby.

- Add Track Mark:
  Adding a track mark

- DPC(Speed Control):
  Adjusting the playback speed – the DPC(Speed Control) function

- A-B Repeat:
  Specifying a segment of a file to play repeatedly (A-B repeat)

- Equalizer:
  Selecting a sound quality setting (Equalizer)

- Easy Search:
  Jumping forward/back a fixed number of seconds (Easy Search)

- Play Mode:
  Selecting the playback mode

- Playback Range:
  Specifying the playback range in the stored file list

- Delete File:
  Deleting a file

- Delete All in List:
  Deleting all files in the searched folder or list

- Delete All Files:
  Deleting all files in the searched folder or list

- Protect:
  Protecting a file

- Do Not Protect:
  Protecting a file

- Track Mark List:
  Locating a playback point with the track mark list (Track Mark List)

- Delete Track Marks:
  Deleting a track mark

- File Information:
  Display window while the current file information is displayed

- Delete Folder:
  Deleting a folder

Related Topic

- [Using the OPTION menu](#)
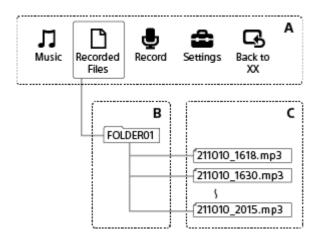
IC Recorder
ICD-TX660

About folders and files

The following illustrates the structure of folders and files that you can view on your IC recorder.

Under [📄 Recorded Files]

[FOLDER01]: Recorded files are stored.
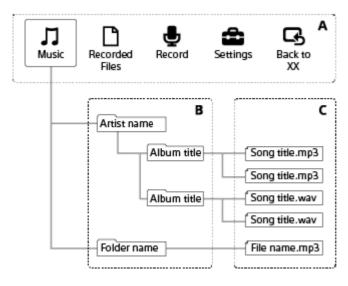
A: HOME menu
B: Folders
C: Files

Under [🎵 Music]

A: HOME menu
B: Folders
C: Files

Related Topic
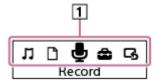
- Moving a file to a different folder
- Copying a file to a different folder
- Structure of folders and files

IC Recorder
ICD-TX660

Display window while the HOME menu is displayed

The following describes the HOME menu on the display window.

Note

- The above screen is provided for explanatory purposes. It may look different from what you actually see on your IC recorder.

1. HOME menu items
   You can select one of the following:
   ♫ : Music
   ▯ : Recorded Files
   🎤 : Record
   🧰 : Settings
   ↩ : Back to XX (The function you are currently using is displayed in [XX].)

Related Topic

- Using the HOME menu

IC Recorder
ICD-TX660

Display window while recording is in progress or on standby

The following describes the display window while recording is in progress or on standby.
Recording while using scenes

Recording is on standby while using scenes

Recording while scenes are off

Recording is on standby while scenes are off

> **Note**
>
> - The above screens are provided for explanatory purposes. They may look different from what you actually see on your IC recorder.

1. VOR indicator
   Indicates that the VOR function is active.

2. Scene Select indicator
   Indicates the recording scene that is currently selected.
   - : Pocket
   - : Auto Voice Rec
   - : Meeting
   - : Lecture
   - : Voice Notes
   - : Interview

3. Track mark number
   Indicates the number of added track marks.

4. **Remaining recording time**
   Indicates the remaining time available for recording in hours, minutes, and seconds.
   10 hours or more: no indication
   10 minutes to 10 hours: indicated in hours and minutes
   Less than 10 minutes: indicated in minutes and seconds

5. **Recording status indicator**
   Indicates the current recording status of your IC recorder.
   ● REC : recording
   ■ STOP : stopped
   VOR/ **● REC** : Recording by the VOR function is in progress.
   VOR/ **❘❘ PAUSE** : Recording by the VOR function is paused. ([VOR] and the elapsed time indication flash.)

6. **Elapsed time indicator**
   Indicates the elapsed time of the current recording.

7. **Battery indicator**

8. **Sleep timer indicator**
   Indicates that the sleep timer is active.

9. **Microphone sensitivity indicator**
   Indicates the sensitivity level of the built-in microphones that is currently selected.
   A : Auto
   : High
   : Medium
   : Low

IC Recorder
ICD-TX660
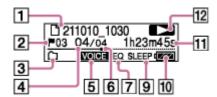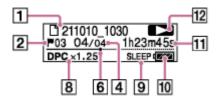
Display window while playback is in progress

The following describes the display window during playback.
Recorded Files
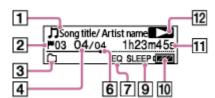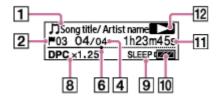
Recorded Files (when the DPC(Speed Control) function is active)

Music

Music (when the DPC(Speed Control) function is active)

Note

- The above screens are provided for explanatory purposes. They may look different from what you actually see on your IC recorder.

1. File information
   Indicates information about the file you are playing.
   Files recorded with your IC recorder are indicated as follows:
   : File name: recording date_recording time (e.g. 211010_1010)
   Music files are indicated as follows:
   : Song title/Artist name

2. Track mark number
   Indicates the track mark number, if added, of the current playback point.

3. Play Mode/Playback Range indicator
   No indication: Normal (Play Mode)

- $\circlearrowleft$: Repeat (Play Mode)
- $\overset{\circlearrowleft}{1}$: 1 File Play (Play Mode)
- $\circlearrowleft 1$: 1 File Repeat (Play Mode)
- $\rightleftarrows$: Shuffle (Play Mode)
- $\circlearrowleft\rightleftarrows$: Shuffle Repeat (Play Mode)
- ☐ : Selected Range (Playback Range)

4. File number information
Indicates the file number of the playing file in the format (current file number)/(total number of files to play).

5. Clear Voice indicator (only indicated for the files in [☐ Recorded Files])
Indicates that [Clear Voice] is set to [Clear Voice 1] or [Clear Voice 2].
VOICE : Clear Voice 1, Clear Voice 2
While playback with the built-in speaker, or playback of the files in [♫ Music] is in progress, the Clear Voice function does not work.

6. Playback progress bar
Indicates how far playback of the file has progressed.

7. Equalizer indicator
Indicates that the Equalizer function is operating.

8. DPC(Speed Control) indicator
Indicates that the DPC(Speed Control) function is active.

9. Sleep timer indicator
Indicates that the sleep timer function is active.

10. Battery indicator

11. Elapsed time
Indicates the elapsed time of the current playback.

12. Playback status indicator
Indicates the current playback status of your IC recorder.
▶ (play): playing
◀◀ (review/fast backward)/ ▶▶ (cue/fast forward): reviewing (fast-rewinding)/cueing (fast-forwarding)
▮▮ (stop): on standby

IC Recorder
ICD-TX660

Display window while the recording information is displayed

You can view the recording information of your IC recorder, including the remaining recording time and the memory storage and storage folder settings for recorded files.
To display the recording information, while recording is on standby, select [REC Information] on the OPTION menu, and then press ►■(play/enter/stop).

Available Rec. Time:
65h43m21s

The following recording information is available:

Available Rec. Time:
Remaining time available for recording.

Recording Folder:
Storage folder for recorded files.

Scene Select:
Recording scene currently selected.

If you select a scene and then modify the recording setting(s), [*] will appear to the left of the modified setting(s).

For information about the default settings, see Default settings for the recording scenes of the Scene Select function.

REC Mode:
Recording mode currently selected.

Sensitivity setting:
Sensitivity level of the microphones currently selected.

Stereo Emphasis:
Stereo emphasis setting currently selected.

Recording Filter:
Recording filter currently selected.

VOR:
VOR (Voice Operated Recording) setting currently selected.

Auto Track Marks:
Automatic track mark setting currently selected.

Time Stamps for Auto Track Marks:
Time stamps for auto track mark setting currently selected.

IC Recorder
ICD-TX660

Display window while the current file information is displayed
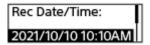
You can view the information (file length, recording mode, recording date and time etc.) about the recorded file you selected.

> **Note**
>
> ● The following screens are provided for explanatory purposes. They may look different from what you actually see on your IC recorder.
>
> ● The clock may tell the time either in 12-Hour format with [AM] or [PM] or in the 24-Hour format, depending on the selected clock display format (Time Display) on the Settings menu. In addition, the default clock display format depends on the country or region of your purchase.
>
> ● The default date display format depends on the country or region of your purchase.
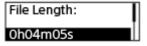
To view the information about a particular file, select a file you recorded with your IC recorder or a music file and select [File Information] on the OPTION menu while playback is on standby. Then, you can press ◄◄ (review/fast backward) or ►►► (cue/fast forward) to scroll up or down to view the following:

Information about the recorded file

Rec Date/Time:
2021/10/10 10:10AM

● Rec Date/Time: Date and time when the file was recorded (year/month/day time).

● File Length: Recording length of the file indicated in hours, minutes, and seconds.

● File Protection: File protection setting currently selected.

● Model Name: Device by which the file was recorded.

● Scene Select: Recording scene selected at the time of recording.

● REC Mode: Recording mode selected at the time of recording.

● Sensitivity setting: Sensitivity level selected at the time of recording.

● Stereo Emphasis: Stereo emphasis setting selected at the time of recording.

● Recording Filter: Recording filter selected at the time of recording.

● VOR: VOR (Voice Operated Recording) setting selected at the time of recording.

● File Path: Path to the file.

Information about the music file

File Length:
0h04m05s

● File Length: Recording length of the file indicated in hours, minutes, and seconds.

- File Protection: File protection setting for music files.

- Codec: Codec type for music files.

- Bit Rate: Bit rate for music files.

- Sample Rate: Sampling rate for music files.

- Bit Depth: Bit depth for music files.

- File Path: Path to the file.

IC Recorder
ICD-TX660
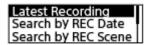
Display window while the file search categories are displayed

When you select [Recorded Files] or [Music] on the HOME menu, the search categories of the stored files appear on the display window.

> **Note**
> - The following screens are provided for explanatory purposes. They may look different from what you actually see on your IC recorder.

When [Recorded Files] is selected

Latest Recording
Search by REC Date
Search by REC Scene

You can select one of the following search categories:

Latest Recording:
Starts playing the latest recording.
Search by REC Date:
Recorded files are sorted by recording date.
Search by REC Scene:
Recorded files are sorted by recording scene.
Folders:
Recorded files in the selected folder are listed.

When [Music] is selected

All Songs
Albums
Artists

You can select one of the following search categories:

All Songs:
All music files are listed.
Albums:
Music files are sorted by album title.
Artists:
Music files are sorted by artist name.
Folders:
Music files in the selected folder are listed.

IC Recorder
ICD-TX660
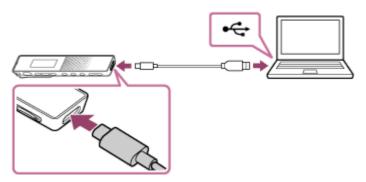
Charging the battery with a computer

You can use a computer to charge the battery of your IC recorder.
If you use the IC recorder for the first time or you have not used it for an extended period of time, charge the battery until the **FULL** indicator appears on the display window.
It takes about 1 hour (*) to fully charge the exhausted battery.

* Approximate time period that requires to charge the exhausted battery at room temperature. It may vary depending on the remaining battery power or the state of the battery.

1 **Connect the IC recorder to a running computer with the supplied USB Type-C cable.**

While the battery is charging, the battery indicator animation (①) appears on the display window.

When the battery is fully charged, the battery indicator will indicate **FULL** (②).

Note

- If your IC recorder is connected to a computer which is not running or in a power saving mode (standby or sleep), the battery will not charge.

Related Topic

- Disconnecting the IC recorder from the computer
- Connecting the IC recorder to a computer

IC Recorder
ICD-TX660

Disconnecting the IC recorder from the computer

Be sure to follow the procedure below, otherwise you may not be able to play the files stored on your IC recorder due to data corruption.

1 **Make sure that the [Accessing] message is not on the display window.**

2 **Perform the following operation on the computer.**

- On the Windows taskbar at the bottom right of the desktop, click the following icon.

  Then, click [Eject IC RECORDER]. The icon and menu displayed can be different on different operating systems. The icon may not be always displayed on the taskbar depending on your computer settings.

- On the Mac screen, click the removal icon of the [IC RECORDER] that appears on the sidebar of the Finder.

3 **Disconnect the USB Type-C cable from the computer and the IC recorder.**

Hint

- For details on disconnecting a USB device from the computer, refer to the manual supplied with the computer.

Related Topic

- Charging the battery with a computer
- Connecting the IC recorder to a computer

IC Recorder
ICD-TX660
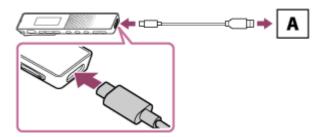
Using/Charging the IC recorder with the USB AC adaptor

You can charge the battery by connecting the USB AC adaptor to a household power outlet.
Being able to use the IC recorder while it is charging is useful when recording for a long time.
When using a USB AC adaptor (commercially available), use one that can supply an output current of 500 mA or more.
Charging from other devices is not guaranteed.

1. **Connect the USB AC adaptor to an outlet.**

2. **Connect the USB AC adaptor to the USB Type-C port on the IC recorder with the supplied USB Type-C cable.**
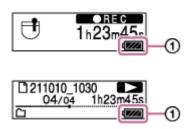
A: USB AC adaptor (commercially available)
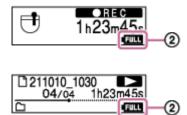
- While the battery is charging, the battery indicator animation (①) appears on the display window.
When the battery is fully charged, **FULL** (②) appears on the display window. After 1 hour passes, the display window turns off.
You can use the IC recorder while charging the battery.

Charging

Fully charged

- If you connect the USB AC adaptor and turn off the power, the large battery indicator animation (①) appears on the display window.

Note

- While recording is in progress (the operation indicator lights in red), while recording is paused (the operation indicator flashes in red), or while data is being accessed (the operation indicator flashes in orange), observe the following to avoid data corruption:
Do not connect/disconnect the USB Type-C cable to/from the USB AC adaptor that is connected to an outlet.
Do not connect/disconnect the USB AC adaptor, which is connected to your IC recorder, to/from an outlet.

- Connect the USB AC adaptor to a power outlet that is easily within reach so you can immediately disconnect it if any abnormalities occur.

- Be sure to use the supplied USB Type-C cable.

- If your IC recorder or the USB AC adaptor has water splashed on it, never attempt to connect the USB Type-C cable to it.

- When connecting the USB Type-C cable, plug it all the way into the port. If the cable is insufficiently plugged, battery charging will not start.

- Your IC recorder does not support USB PD (USB Power Delivery).

Related Topic

- Disconnecting the IC recorder from the USB AC adaptor
- Built-in rechargeable battery life

IC Recorder
ICD-TX660

Disconnecting the IC recorder from the USB AC adaptor

Be sure to follow the procedure below to disconnect the IC recorder, otherwise you may not be able to play the files stored on your IC recorder due to data corruption.

1 **If an activity, such as recording or playback, is in progress, press ●□(record/recording stop) or ►■ (play/enter/stop) to stop the activity.**

2 **Disconnect the supplied USB Type-C cable from the USB AC adaptor, and then disconnect the USB AC adaptor from the outlet.**

Note

- While recording is in progress (the operation indicator lights in red), while recording is paused (the operation indicator flashes in red), or while data is being accessed (the operation indicator flashes in orange), observe the following to avoid data corruption:
Do not connect/disconnect the USB Type-C cable to/from the USB AC adaptor that is connected to an outlet.
Do not connect/disconnect the USB AC adaptor, which is connected to your IC recorder, to/from an outlet.

Related Topic

- Using/Charging the IC recorder with the USB AC adaptor
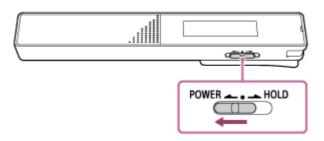
IC Recorder
ICD-TX660

Turning the power on

1 **Slide the POWER・HOLD switch to [POWER] and hold it until the display window turns on.**

When your IC recorder has many files or folders stored, it takes some time for the display window to turn on.

Hint

- After you turn on your IC recorder, it may take some time for the display window to turn on. It is recommended that you turn on the IC recorder in advance before you start recording. Approximate time periods required for the display window to turn on after you turn on the IC recorder depend on the number of files stored on the IC recorder as listed below for reference purposes.

  - 2,500 files: approximately 3 minutes

  - 5,000 files: approximately 6 minutes

  Depending on the file format of the stored files, it may take longer than the above for the display window to turn on.

- When your IC recorder is leaved unused for a certain length of time, the Auto Power Off function will take effect and the IC recorder will automatically turn off. (By default, the Auto Power Off function is set to [10 Min].)

- If the sleep timer is active, your IC recorder will turn off automatically in the specified period of time.

- If you turn the power back on within 4 hours from your last power-off, the power will come on quickly.

Related Topic
- Turning the power off
- Setting the time period before the IC recorder automatically turns off (Auto Power Off)

IC Recorder
ICD-TX660

Turning the power off
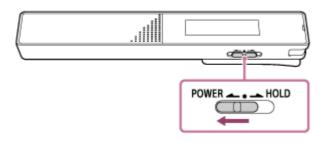
1 **Slide the POWER・HOLD switch to [POWER] and hold it until [Power Off] appears on the display window.**

Note

- To restart your IC recorder, slide the POWER・HOLD switch to [POWER] and hold it for 8 seconds or longer. While the IC recorder is in operation and you restart it, the data that is stored on the IC recorder or the IC recorder settings may be deleted.

Hint

- When your IC recorder is leaved unused for a certain length of time, the Auto Power Off function will take effect and the IC recorder will automatically turn off. (By default, the Auto Power Off function is set to [10 Min].)

- If the sleep timer is active, your IC recorder will turn off automatically in the specified period of time.

Related Topic

- Turning the power on
- Setting the time period before the IC recorder automatically turns off (Auto Power Off)
- Restarting the IC recorder

IC Recorder
ICD-TX660

Using the screen off timer

The Screen Off Timer function on your IC recorder is set to [30 Sec] by default to save battery power. If you leave the IC recorder unused for 30 seconds, the display window will turn off, but you can still perform any button operations. To turn the display window back on, press BACK/HOME.

Hint
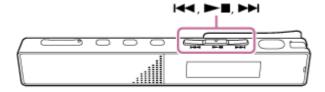
- To change the screen off timer setting, select [Settings] - [Common Settings] - [Screen Off Timer] from the HOME menu, and then select [No Auto Screen Off], [15 Sec], [30 Sec], [1 Min], [3 Min], or [5 Min].

IC Recorder
ICD-TX660

Making the initial settings

When you turn on your IC recorder for the first time, the [Configure Initial Settings] screen appears on the display window. Make the initial settings, such as selecting the display language, setting the clock, and turning on/off the beep sound.

1 Press ►■ (play/enter/stop) to start the initial settings.

> Configure
> Initial Settings
> ►■ : Enter

2 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the display language, and then press ►■ (play/enter/stop).
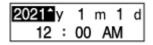
You can select from the following languages:
Deutsch (German), English, Español (Spanish), Français (French), Italiano (Italian), Русский (Russian), Türkçe (Turkish), 한국어 (Korean), 简体中文 (Simplified Chinese), 繁體中文 (Traditional Chinese).
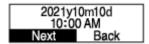
3 Set the current date and time.

Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to set an item, and then press ►■ (play/enter/stop). Repeat the actions to set all items.
To move the focus to the previous item, press BACK/HOME.

> 2021 y 1 m 1 d
> 12 : 00 AM
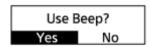
4 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Next], and then press ►■ (play/enter/stop) to apply the settings to the clock.

> 2021y10m10d
> 10:00 AM
> Next   Back

After the settings are reflected to the clock, the setting window for turning the beep sound on or off is displayed.

5 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes] or [No] to turn on or off the beep sound, and then press ►■ (play/enter/stop).

> Use Beep?
> Yes   No

When the initial settings finish, the completion message and then the HOME menu appear.

Note

- If you take 30 seconds or longer before proceeding to the next step, the display window will turn off. To turn on the display window for continuing the initial settings, press BACK/HOME.

- The default date display format depends on the country or region of your purchase.

- The clock may tell the time either in 12-Hour format with [AM] or [PM] or in the 24-Hour format, depending on the selected clock display format (Time Display) on the Settings menu. In addition, the default clock display format depends on the country or region of your purchase.

- The number of language options you can select and the default setting differ depending on the country or region of your purchase.

Hint

- You can change the display language, the clock setting and the beep sound setting at any time later by selecting [🧰 Settings] - [Common Settings] from the HOME menu.

- When you are finished with the initial settings, placing your IC recorder into the HOLD state displays the current date and time on the display window.

Related Topic

- Selecting the display language (Language)
- Setting the clock (Date & Time)
- Selecting the date display format (Date Display Format)
- Selecting the clock display format (Time Display)
- Turning the beep sound on or off (Beep)
- Display window while the HOME menu is displayed
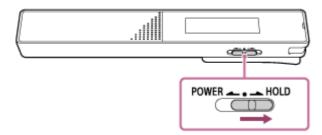
IC Recorder
ICD-TX660

Placing the IC recorder into the HOLD state (HOLD)

You can disable all the buttons (HOLD) on your IC recorder in order to prevent unintentional operations while you carry around the IC recorder.

1 Slide the POWER・HOLD switch to [HOLD].

While the IC recorder is turned on, sliding the POWER・HOLD switch to [HOLD] displays [HOLD] and the current time for about 3 seconds on the display window, indicating that all the buttons on the IC recorder are disabled.

Note

- Placing your IC recorder into the HOLD state disables all the buttons. Be sure to release it from the HOLD state before you use the IC recorder again.

- The clock may tell the time either in 12-Hour format with [AM] or [PM] or in the 24-Hour format, depending on the selected clock display format (Time Display) on the Settings menu. In addition, the default clock display format depends on the country or region of your purchase.

Related Topic
- Releasing the IC recorder from the HOLD state

IC Recorder
ICD-TX660

Releasing the IC recorder from the HOLD state
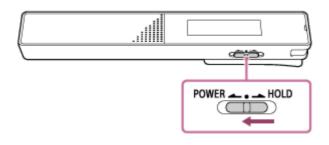
When your IC recorder is placed in the HOLD state, pressing any button displays [HOLD… Slide HOLD Switch to Activate.] on the display window.

```
HOLD...
Slide HOLD Switch
to Activate.
```

Release the IC recorder from the HOLD state before you use it.

1   Slide the POWER・HOLD switch to the center dot.

Related Topic

- Placing the IC recorder into the HOLD state (HOLD)

IC Recorder
ICD-TX660

Maintaining the moderate volume level (European model only)

The IC recorder limits the maximum volume to allow you to listen to the sound at a moderate volume level when using the headphones. When you try to adjust the volume to a level that exceeds the specified level, the [Check The Volume Level] message appears.
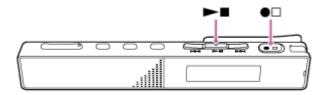
IC Recorder
ICD-TX660

Recording with the built-in microphones

This section describes the procedure for basic recording operations. You can record audio with the selected sensitivity level of the microphones and recording mode.
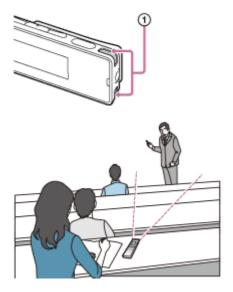
Note

- If you accidentally touch your IC recorder or let an object come in contact with it while recording is in progress, rustling or scratching noises may be recorded.
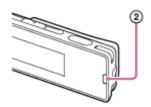
Hint

- Before you start recording, we recommend you first make a trial recording or monitor the recording. For instructions on monitoring the recording, see Monitoring the recording audio.

- Recorded files are stored in [FOLDER01] under [📄 Recorded Files] by default. To store recorded files in a folder other than [FOLDER01], see Changing the storage folder for recorded files.

1 **Turn your IC recorder so that its built-in microphones (①) point in the direction of the target sound source.**

2 **Press ●□ (record/recording stop).**

[**●REC**] appears on the display window to indicate that recording has started, and the operation indicator (②) lights in red.

3 **To stop recording, press ●□ (record/recording stop) again.**

[Saving...] and then the recording standby screen appear.
Now you can press ►■(play/enter/stop) to play the file you have just recorded.

Note

- While [Saving...] is on the display window, your IC recorder is saving the file to the memory storage. If the IC recorder is running on AC power, do not disconnect the USB AC adaptor (commercially available) to avoid data corruption.

Hint

- You can still press ●□ (record/recording stop) to start recording while playback is in progress or a menu is on the display window.

- During recording, you can still stop the ongoing recording by pressing ●□ (record/recording stop) while a menu is on the display window.

- Recorded files are named as [(recording date)_(recording time).(file format)] (e.g. 211010_1010.mp3).

- If the file size reaches the maximum limit (4 GB for an LPCM file, and 1 GB for an MP3 file) during recording, the file will be divided and some of the recording may be lost around the divided point.
  For the maximum recording time for a single file, see Maximum recording time.

- Before recording with your IC recorder in a breast pocket, it is recommended that you secure the IC recorder to the hem of the pocket with the clip to reduce rustling noises in the recording.

IC Recorder
ICD-TX660

Starting recording while the IC recorder is turned off (One-push recording)

While your IC recorder is turned off, you can still start recording by pressing ●□(record/recording stop).
To stop recording, press ●□(record/recording stop) once again.

> **Note**
>
> - While the POWER・HOLD switch is in the HOLD position, you cannot start recording by pressing ●□(record/recording stop).
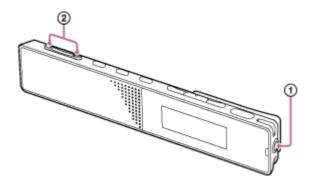
IC Recorder
ICD-TX660

Monitoring the recording audio

It is recommended that you monitor the ongoing recording.
You can monitor the ongoing recording by connecting headphones (not supplied) to the headphones jack.

1 **Connect headphones (not supplied) to the headphones jack (①).**

2 **Press VOL -/+ (②) to adjust the monitoring volume.**

Changing the monitoring volume does not affect the recording volume.

Related Topic

- Recording with the built-in microphones

IC Recorder
ICD-TX660

Changing the storage folder for recorded files

By default, the recorded files by normal recording are stored in [FOLDER01].
To change the storage folder for recorded files, follow the steps below:

1 **While recording is on standby, select [Recording Folder] on the OPTION menu, and then press▶■ (play/enter/stop).**

> Recording Folder
> Create Folder
> Scene Select

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the desired folder, and then press▶■ (play/enter/stop).**

Hint

- For instructions on creating a new folder, see Creating a folder.

5-025-099-11(1) Copyright 2021 Sony Corporation

SONY

IC Recorder
ICD-TX660

Selecting a recording scene for an individual situation

According to a particular recording situation, you can change some recording settings, including the recording mode and the sensitivity level of the built-in microphones, at once by selecting one of the recording scenes (Scene Select).

1 **While recording is on standby, select [Scene Select] on the OPTION menu, and then press ▶■ (play/enter/stop).**

Recording Folder
Create Folder
Scene Select

2 **Press ◄◄ (review/fast backward) or ►►► (cue/fast forward) to select a suitable item (scene), and then press ▶■ (play/enter/stop).**

✔ Pocket
Auto Voice Rec
Meeting

Description of menu items
You can select one of the following items:

OFF:
Available for the situation where no recording scene selection is required.

Pocket (default setting):
Suitable for recording when your IC recorder is in a clothes pocket.

Auto Voice Rec:
Specialized for human voice (audio) recordings to determine the recording level and record at the optimal sensitivity while reducing stationary background noise.

This reduces recording mistakes, such as mistakes with the mic sensitivity settings and not being able to hear well during playback.

Distortion may be caused by sudden, loud noises, such someone suddenly laughing or sneezing, during quiet conversations.

Meeting:
Suitable for recording meetings, such as recording in large conference rooms.

You can reduce noise (vibrations from the desk, etc.) by placing the IC recorder on a cloth, such as a handkerchief. Record somewhere close to the people speaking in the meeting.

Lecture:
Suitable for recording seminars and lectures. Point the microphone in the direction of the sound source.

Voice Notes:
Suitable for speaking into the built-in microphones to record voice notes. On the recording screen, (Voice Notes) appears.

Interview:
Suitable for recording human voices from a distance of 1 to 2 meters (40 to 80 inches), such as interviews and small meetings. On the recording screen, (Interview) appears.

Related Topic

- Default settings for the recording scenes of the Scene Select function
- List of the Settings menu items

IC Recorder
ICD-TX660

Tips for better recording

Recording a conversation

Put your IC recorder in a clothes pocket.
To use the Scene Select function, select [Pocket].

Recording at a meeting

Place your IC recorder close to speakers of the meeting.
You can reduce noise (vibrations from the desk, etc.) by placing the IC recorder on a soft cloth, such as a handkerchief.
For recording a meeting, it is suitable to select [Auto Voice Rec] or [Meeting] of the Scene Select function.

Recording a lecture/presentation

Place your IC recorder so that its built-in microphones point in the direction of the lecturer/presenter.
For recording a lecture/presentation, it is suitable to select [Auto Voice Rec] or [Lecture] of the Scene Select function.

Recording a voice note

When you speak into the built-in microphones, hold your IC recorder slightly off to the side of your mouth so that the built-in microphones will not pick up breathing noises.
For recording a voice note, it is suitable to select [Auto Voice Rec] or [Voice Notes] of the Scene Select function.

Note

- While you are holding your IC recorder, make sure that the built-in microphones will not pick up rustling noises.

Recording an interview

Place your IC recorder so that the built-in microphones point in the direction of the interviewee.
For recording an interview, it is suitable to select [Auto Voice Rec] or [Interview] of the Scene Select function.

Related Topic

- Selecting a recording scene for an individual situation
- Reducing noise during recording (Recording Filter)
- Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)

IC Recorder
ICD-TX660

Default settings for the recording scenes of the Scene Select function

By default, the settings for the recording scenes of the Scene Select function are as follows:

Recording menu items and recording scenes	🗂 Pocket	ℹ️💬 Auto Voice Rec	🧑‍💼 Meeting	📝 Lecture
REC Mode	MP3 192 kbps	MP3 192 kbps	MP3 192 kbps	MP3 192 kbps
Mic Sensitivity	Medium	Auto	Medium	High
VOR	OFF	OFF	OFF	OFF
Recording Filter	NCF(Noise Cut)	NCF(Noise Cut)	NCF(Noise Cut)	NCF(Noise Cut)
Stereo Emphasis	OFF	OFF	OFF	OFF

Recording menu items and recording scenes	💬 Voice Notes	🧑‍🤝‍🧑 Interview	OFF
REC Mode	MP3 128 kbps	MP3 128 kbps	MP3 192 kbps
Mic Sensitivity	Low	Medium	Medium
VOR	OFF	OFF	OFF
Recording Filter	LCF(Low Cut)	NCF(Noise Cut)	OFF
Stereo Emphasis	OFF	OFF	OFF

Note

- Assigned scenes are not necessarily supported by all environments.

Hint

- Even if you set a scene, you can change the settings for [REC Mode] and [Mic Sensitivity].

Related Topic

- Selecting a recording scene for an individual situation
- Selecting the recording mode (REC Mode)
- Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)

Using the recording delay function
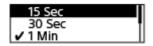
You can set your IC recorder to start recording automatically when the specified period of time expires.

1 **While recording is on standby, select [Recording Delay] on the OPTION menu, and then press ▶■ (play/enter/stop).**

```
Scene Select
Recording Delay
REC Mode
```

2 **Press ◄◄ (review/fast backward) or ▶▶ (cue/fast forward) to select the desired period of time, and then press ▶■(play/enter/stop).**

You can select from [15 Sec] to [60 Min].

```
15 Sec
 30 Sec
✔ 1 Min
```

The countdown screen is displayed.

```
Start to Rec in
    1m00s
BACK : Stop
```

When the specified period of time expires, recording starts.

Note

- During the countdown, OPTION, ▶■ (play/enter/stop), ◄◄ (review/fast backward), ▶▶ (cue/fast forward) and JUMP are disabled.

- During the countdown, if you turn the power off or the time period specified for the sleep timer expires, your IC recorder will turn off.

- During the countdown, your IC recorder does not turn off even when the period of time specified for the Auto Power Off function expires.

Hint

- To cancel the recording delay function setup process, press BACK/HOME during the countdown, press ◄◄ (review/fast backward) or ▶▶ (cue/fast forward) to select [Yes], and then ▶■(play/enter/stop).

- If you press ●□ (record/recording stop) during the countdown, the recording delay function is cancelled, and recording starts.

Related Topic

- Using the sleep timer (Sleep Timer)
- Setting the time period before the IC recorder automatically turns off (Auto Power Off)
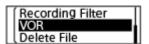
IC Recorder
ICD-TX660

Recording automatically in response to the input sound volume – the VOR function

You can set your IC recorder to automatically start when the input sound volume reaches the predefined level, and pause when the volume decreases below the level.

1 **While recording is on standby, select [VOR] on the OPTION menu, and then press►■(play/enter/stop).**

```
Recording Filter
VOR
Delete File
```

2 **Press �Ι◄◄ (review/fast backward) or ►►Ι (cue/fast forward) to select [ON], and then press►■ (play/enter/stop).**

[VOR] is set to [OFF] by default.

3 **Press ●□ (record/recording stop).**

[VOR] and ● REC appears on the display window.

When the input sound volume decreases below the predefined level, the [VOR] indicator flashes on the display window and the recording pauses. When the volume reaches the level once again, the recording restarts.

> **Note**
> - The VOR function is affected by the ambient sound conditions. Select the sensitivity level of the built-in microphones suitable to your ambient sound conditions. For instructions on selecting the sensitivity level, see Selecting the sensitivity level of the built-in microphones (Mic Sensitivity).
>   If the selected sensitivity level does not work as you expected or when you want to make an important recording, follow the above steps to set [VOR] to [OFF].

> **Hint**
> - To cancel the VOR function setup process, set [VOR] to [OFF] in step 2.

IC Recorder
ICD-TX660

Recording the playback audio of the IC recorder on an external device

You can connect an external device to your IC recorder and record playback audio from the IC recorder.
Before you start recording, we recommend you make a trial recording first.

1 **Connect one end of an audio connection cable (commercially available) to the headphones jack on the IC recorder and the other end to the external input jack on the external device.**

2 **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select your desired file stored on the IC recorder, and then press ▶■(play/enter/stop) on the IC recorder and the record button on the connected external device simultaneously to start playing the file on the IC recorder and recording the playback audio on the external device.**

The playback audio from the IC recorder is recorded on the external device.
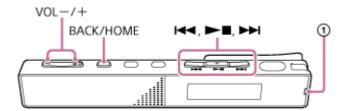
3 **To stop the recording, stop recording on the connected device and press ▶■(play/enter/stop) on the IC recorder once again to stop the playback.**

IC Recorder
ICD-TX660

Playing a file

You can select a file from the HOME menu for playback.

1 **Select [♫ Music] or [📄 Recorded Files] on the HOME menu, and then press►■(play/enter/stop).**

2 **Search and select a file.**

For instructions on searching a file, see Selecting a file.

3 **Press►■(play/enter/stop).**

Playback starts and the operation indicator (①) lights in green.

4 **Press VOL -/+ to adjust the playback volume.**

Note

- For the customers in Europe only:
  When you try to adjust the volume to a level that exceeds the specified level, the [Check The Volume Level] message appears.

Hint

- To stop playback, press ►■ (play/enter/stop).

- When you stop recording and the recording standby screen is on the display window, you can press►■(play/enter/stop) to play the file you have just recorded.

- The built-in speaker is provided mainly for checking recorded audio files; the sound may be not loud enough or difficult to hear. In such cases, use headphones (not supplied).

Related Topic
- Additional operations available during playback
- Playing music files on the IC recorder that were copied from a computer

IC Recorder
ICD-TX660

Selecting a file

You can select a file from the HOME menu for playback or editing.

1 **Select [♩ Music] or [🗋 Recorded Files] on the HOME menu, and then press▶■(play/enter/stop).**

2 **Select a file search category.**

Press �switch◀◀ (review/fast backward) or ▶▶switch (cue/fast forward) to select one of the following file search categories, and then press▶■(play/enter/stop).
♩ Music: [All Songs], [Albums], [Artists], and [Folders]
🗋 Recorded Files: [Latest Recording], [Search by REC Date], [Search by REC Scene], and [Folders]

```
Latest Recording
Search by REC Date
Search by REC Scene
```

3 **Select a list or folder from the search results, and then select a file.**

Press ▵◀◀ (review/fast backward) or ▶▶▵ (cue/fast forward) to select a list or folder, and then select the file.

Hint

- By default, [🗋 Recorded Files] has [FOLDER01].

IC Recorder
ICD-TX660

Locating a playback point with the track mark list (Track Mark List)

You can locate a playback point by selecting a track mark on the Track Mark List screen.

1 **While playback is on standby or in progress, select [Track Mark List] on the OPTION menu, and then press ►■(play/enter/stop).**

```
Track Mark List
Delete Track Marks
Divide
```

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to the desired track mark, and then press►■ (play/enter/stop).**

File playback starts from the selected track mark point.

IC Recorder
ICD-TX660

Additional operations available during playback

You can perform the following operations while playback is in progress.

To stop at the current position

Press ►■ (play/enter/stop).
To resume playback from the point where the playback was previously stopped, press ►■(play/enter/stop) once again.

To go back to the beginning of the current file

Press ◄◄ (review/fast backward) once.
If track marks are added, the previous track mark point toward the beginning of the file is located.
(This operation is effective while [OFF] is selected for [Easy Search] on the OPTION menu.)

To go back to previous files

Press ◄◄ (review/fast backward) repeatedly.

To skip to the next file

Press ►►| (cue/fast forward) once.
If track marks are added, the next track mark point toward the end of the file is located.
(This operation is effective while [OFF] is selected for [Easy Search] on the OPTION menu.)

To skip to the succeeding files

Press ►►| (cue/fast forward) repeatedly.

Related Topic

- Adding a track mark
- Jumping forward/back a fixed number of seconds (Easy Search)
- Searching forward/backward (Cue/Review)
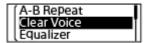
IC Recorder
ICD-TX660

Reducing noise in the playback audio to make human voices sound clearer – the Clear Voice function

The Clear Voice function reduces ambient noises to make human voices distinctive. You will hear human voices more clearly in the playback audio.

1 **While playback is on standby or in progress, select [Clear Voice] on the OPTION menu, and then press ►■ (play/enter/stop).**

A-B Repeat
Clear Voice
Equalizer

2 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Clear Voice 1] or [Clear Voice 2], and then press ►■ (play/enter/stop).**

Description of menu items

You can select one of the following items:

OFF:
Turns off the Clear Voice function (default setting).

Clear Voice 1:
Reduces ambient noises and adjust loudness of human voices to the optimum level to make human voices sound more clearly.

Clear Voice 2:
Reduces ambient noises further than [Clear Voice 1] to make human voices sound much more clearly.

> **Note**
> - While playback with the built-in speaker, or playback of the files in [🎵 Music] is in progress, the Clear Voice function does not work.

IC Recorder
ICD-TX660

Adjusting the playback speed – the DPC(Speed Control) function

You can adjust the playback speed in a range from 0.25 times to 3.00 times. Changing the playback speed does not affect the playback audio. Files will play in natural tones, thanks to digital processing.

1 **While playback is on standby or in progress, select [DPC(Speed Control)] on the OPTION menu, and then press ▶■(play/enter/stop).**

The DPC(Speed Control) setting screen is displayed.

```
  OFF
✓ ON (x1.00)
  └Set Speed
```

2 **Press ◄◄ (review/fast backward) or ►►► (cue/fast forward) to select [Set Speed], and then press ▶■ (play/enter/stop).**

3 **Press ◄◄ (review/fast backward) or ►►► (cue/fast forward) to select a playback speed, and then press ▶■ (play/enter/stop).**

The speed decreases by 0.05 times (from x 0.25 to x 1.00).
The speed increases by 0.10 times (from x 1.00 to x 3.00).
The playback speed is set to [x 1.00] by default.
When the playback speed is specified, the DPC(Speed Control) function is turned on.

Hint

- To resume the normal playback speed, select [OFF] in step 2.
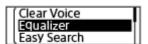
IC Recorder
ICD-TX660

Selecting a sound quality setting (Equalizer)

You can select a sound quality setting in accordance with a music genre.

1 **While playback is on standby or in progress, select [Equalizer] on the OPTION menu, and then press ►■ (play/enter/stop).**

Clear Voice
Equalizer
Easy Search

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the desired sound quality setting, and then press ►■(play/enter/stop).**

Description of menu items

You can select one of the following items:

OFF:
Turns off the Equalizer function (default setting).

Excited:
Suitable when you want to uplift yourself and feel hyper by listening to up-tempo music, or when you want to feel exhilarated by listening to music.

Relaxed:
Suitable when you want to feel calm with music playing in background (for example, when you do not want to be distracted by music or when you want to sleep while listening to music).

Vocal:
Suitable when you want to listen to music with focus on vocal parts.

Treble Boost:
Suitable when you want to listen to music with focus on high notes.

Bass Boost:
Suitable when you want to listen to music with focus on low notes.

> **Note**
>
> ● While playback is in progress with the built-in speaker, the Equalizer function does not work.
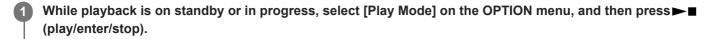
IC Recorder
ICD-TX660

Selecting the playback mode

You can select the playback mode that suits your needs.

1 **While playback is on standby or in progress, select [Play Mode] on the OPTION menu, and then press ►■ (play/enter/stop).**

> Play Mode
> Playback Range
> Delete File

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select a playback mode, and then press ►■ (play/enter/stop).**

Description of menu items

You can select one of the following items:

Normal:
Plays the files in the specified range one by one (default setting).

Ϟ Repeat:
Plays the files in the specified range repeatedly.

1 File Play:
Plays the current file to the end and stops.

Ϟ1 1 File Repeat:
Plays the current file repeatedly.

⟳ Shuffle:
Plays the files in the specified range at random.

ϞϚ Shuffle Repeat:
Plays the files in the specified range repeatedly at random.

Related Topic
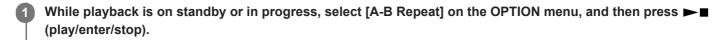
- Specifying a segment of a file to play repeatedly (A-B repeat)
- Repeatedly playing the current file (Button-hold repeat playback)
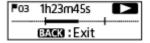
Specifying a segment of a file to play repeatedly (A-B repeat)

You can specify the starting point A and the finishing point B in a file to play the segment between the specified points repeatedly.

1 **While playback is on standby or in progress, select [A-B Repeat] on the OPTION menu, and then press ►■ (play/enter/stop).**

A-B Repeat
Clear Voice
Equalizer

2 **Press OPTION to specify the starting point A, and then press OPTION once again to specify the finishing point B.**

3 **To resume normal playback, press BACK/HOME.**

F03 1h23m45s
BACK : Exit

Note

- While playback is on standby, you cannot specify the same point as the starting point A and the finishing point B.

- You cannot turn on the button-hold repeat playback function while the A-B repeat playback function is active.

- While in time jump mode, you cannot use A-B repeat.

Hint

- To change the segment specified for the A-B repeat playback function, resume normal playback by pressing BACK/HOME while the A-B repeat playback function is active, and then repeat step 1 and step 2.

Related Topic

- Selecting the playback mode
- Repeatedly playing the current file (Button-hold repeat playback)

Repeatedly playing the current file (Button-hold repeat playback)

You can repeat playback of the file you are currently playing with a simple operation.

1 **While playback is in progress, press and hold ▶■ (play/enter/stop).**

↻1 appears on the playback screen and the current file plays repeatedly.

Note

- You cannot turn on the button-hold repeat playback function while the A-B repeat playback function or the time jump function is active.

Hint

- To cancel the button-hold repeat playback function and resume the normal playback, press ▶■(play/enter/stop).

- You can turn on the button-hold repeat playback function while your IC recorder is in a particular playback mode.

Related Topic

- Specifying a segment of a file to play repeatedly (A-B repeat)

IC Recorder
ICD-TX660

Specifying the playback range in the stored file list
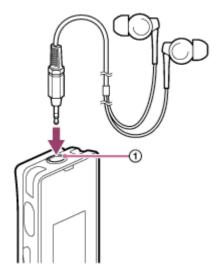
You can specify the playback range in the playback file list. The contents in the playback range vary depending on the selected file search category for the recorded files or music.

1 Select [Recorded Files] or [Music] on the HOME menu, and then press►■(play/enter/stop).

2 Press ◄◄ (review/fast backward) or ►►Ⅰ (cue/fast forward) to select a file search category, and then press ►■(play/enter/stop).

3 Select a file you want to play, and then press►■(play/enter/stop).

4 While playback is on standby or in progress, select [Playback Range] on the OPTION menu, and then press ►■(play/enter/stop).

```
Play Mode
Playback Range
Delete File
```

5 Press ◄◄ (review/fast backward) or ►►Ⅰ (cue/fast forward) to select [All Range] or [Selected Range], and then press ►■(play/enter/stop).

Descriptions of menu items

You can select one of the following items:

All Range:
Plays all files that belong to the file search category you selected for [Recorded Files] or [Music].
 Selected Range:
Plays all files that are contained in the folder (recording date, recording scene, artist name, album title, etc.), including the current playing file (default setting).

Selecting [Selected Range] displays the folder icon on the playback screen.

Related Topic

● Selecting a file

IC Recorder
ICD-TX660

Listening to sound in loud volume

The built-in speaker is provided mainly for checking recorded audio files. If you find the volume not loud enough or have difficulty in understanding what you hear, use headphones (not supplied) or active speakers (not supplied).

- Use headphones:
  Connect headphones to the headphones jack (①).

- Use external speakers:
  Connect active speakers to the headphones jack (①).

Note
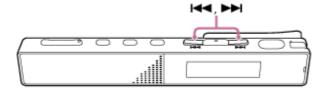
- Connecting headphones or active speakers to your IC recorder disables the built-in speaker.

IC Recorder
ICD-TX660

Searching forward/backward (Cue/Review)

To locate the point from which you want to play, search forward or backward while playback is on standby or in progress.

- To search forward (Cue):
  While playback is on standby or in progress, press and hold ►►I (cue/fast forward) and release it at the point you want to resume playback.

- To search backward (Review):
  While playback is on standby or in progress, press and hold I◄◄ (review/fast backward) and release it at the point you want to resume playback.

Forward or backward search begins at a slow speed, which helps you check the file word by word. If you keep holding either button, forward or backward search will continue at a faster speed.

Related Topic
- Jumping forward/back a fixed number of seconds (Easy Search)
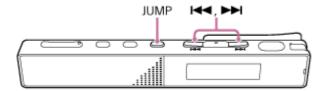
SONY

IC Recorder
ICD-TX660

Quickly locating your desired portion of a recording (Time Jump)

With the time jump function, you can move the total playback time of each file to 1 of 10 divided positions.
You can quickly locate your desired portion of long recorded files.
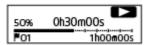
1 **While playback is on standby or in progress, press JUMP.**

The IC recorder enters time jump mode.
The playback bar is divided into 10 positions.
The 10 percent (%) segment where the current playback point belongs is indicated above the left end of the playback bar.
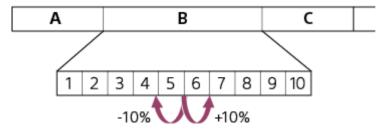
```
50%    0h30m00s
01           1h00m00s
```

2 **Press either ◄◄ (review/fast backward) or ►►I (cue/fast forward).**

►►I (cue/fast forward): The playback position of a file jumps forward in 10% increments in relation to the total playback time.
◄◄ (review/fast backward): The playback position of a file jumps back in 10% increments in relation to the total playback time.
Time jump mode can be used in 1 file.

A: File 1
B: File 2
C: File 3

3 **Press JUMP again to resume normal playback.**

Note

- In time jump mode, you cannot move to the next or previous file. Press JUMP to enter normal play mode.

- You cannot use the Easy Search function, the A-B repeat function or the button-hold repeat playback function while in time jump mode.

Hint

- If there is a track mark when jumping forward or back in 10% increments, the IC recorder moves to the track mark's position.

- If you press and hold ◄◄ (review/fast backward) or ►►| (cue/fast forward) while in time jump mode, |◄◄ (review/fast backward) searches backward (review) and ►►| (cue/fast forward) searches forward (cue).

Related Topic

- Searching forward/backward (Cue/Review)
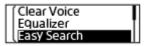
IC Recorder
ICD-TX660

Jumping forward/back a fixed number of seconds (Easy Search)

With the Easy Search function, you can quickly locate your desired playback point. This function is useful for activities such as language learning and taking minutes of a meeting as it helps you go over to the section that you could not make out or skip unnecessary sections.

1 **While playback is on standby or in progress, select [Easy Search] on the OPTION menu, and then press ►■(play/enter/stop).**

> Clear Voice
> Equalizer
> Easy Search

2 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Set Skip Time], and then press►■ (play/enter/stop).**

3 **Specify the skip time period for fast reversing or fast forwarding.**

Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Forward Skip Time] or [Reverse Skip Time], and then press►■(play/enter/stop).
Repeat the same button operation to select a skip time period for fast reversing or fast forwarding, and then press ►■(play/enter/stop).
When the skip time period for fast reversing or fast forwarding is specified, the Easy Search function is turned on.

4 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [ON], and then press►■ (play/enter/stop).**

Descriptions of menu items

You can select one of the following items:

OFF:
Turns off the Easy Search function (default setting).
ON:
While playback is in progress, you can jump forward or backward by the specified time period by pressing ►►I (cue/fast forward) or ◄◄ (review/fast backward). This operation is useful for locating your desired playback point in a recording, such as a recording of a meeting.
Set Skip Time:

- Forward Skip Time: Select a skip time period for fast forwarding when ►►I (cue/fast forward) is pressed from 5 Sec, 10 Sec (default setting), 30 Sec, 1 Min, 5 Min, and 10 Min.
- Reverse Skip Time: Select a skip time period for fast reversing when ◄◄ (review/fast backward) is pressed from 1 Sec, 3 Sec (default setting), 5 Sec, 10 Sec, 30 Sec, 1 Min, 5 Min, and 10 Min.

> **Note**
>
> - While in time jump mode, you cannot use the Easy Search function.

Related Topic

IC Recorder
ICD-TX660

Deleting a file

You can select a file and delete it.
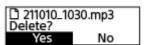
> **Note**
> - Once you have deleted a file, you will not be able to restore it.

1 **Select a file you want to delete.**

2 **Select [Delete File] on the OPTION menu, and then press►■(play/enter/stop).**

Delete File
Delete All in List
Move File

[Delete?] appears and the specified file plays for confirmation.

3 **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select [Yes], and then press►■ (play/enter/stop).**

211010_1030.mp3
Delete?
Yes   No

[Please Wait] appears on the display window and the selected file will be deleted.

> **Note**
> - You cannot delete a protected file. To delete a protected file, remove the protection from the file first, then delete the file. For instructions on removing protection, see Protecting a file.

> **Hint**
> - To cancel the deleting process, select [No] in step 3, and then press►■(play/enter/stop).
> - To delete a part of a file, first divide the file into two files, select the file you want to delete, and proceed with step 2 and step 3. For instructions on dividing a file, see Dividing a file at the current playback point.

Related Topic
- Selecting a file
- Deleting all files in the searched folder or list
- Deleting a folder

IC Recorder
ICD-TX660

Deleting all files in the searched folder or list

You can select a folder or list from the file search results and delete all of the contained files.

1 **Select [♩Music] or [▯Recorded Files] on the HOME menu, and then press ►■(play/enter/stop).**

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select a file search category, and then press ►■(play/enter/stop).**

3 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the folder or list containing the files you want to delete, and then press►■(play/enter/stop).**

4 **Select [Delete All Files] or [Delete All in List] on the OPTION menu, and then press►■(play/enter/stop).**

```
Protect
Delete File
Delete All Files
```

[Delete All Files in This Folder?] or [Delete All Files in This List?] appears on the display window.

5 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes], and then press ►■ (play/enter/stop).**

[Please Wait] appears on the display window and all files in the selected folder or list will be deleted.

Note
- You cannot delete a protected file. To delete a protected file, remove the protection from the file first, then delete the file. For instructions on removing protection, see Protecting a file.

Hint
- To cancel the deleting process, select [No] in step 5, and then press►■(play/enter/stop).

Related Topic
- Deleting a file
- Deleting a folder

IC Recorder
ICD-TX660

Deleting a folder

You can select a folder and delete it.

1 **Select [♫ Music] or [📄 Recorded Files] on the HOME menu, and then press ►■(play/enter/stop).**

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Folders], and then press ►■ (play/enter/stop).**

3 **While the folder you want to delete is selected (the color of display is inverted), select [Delete Folder] on the OPTION menu, and then press ►■(play/enter/stop).**

```
Create Folder
Delete Folder
Change Folder Name
```

[Delete?] appears on the display window.

4 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes], and then press ►■ (play/enter/stop).**

The selected folder is deleted.

If the selected folder contains files, [Delete All Files in This Folder?] appears. Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes], and then press ►■(play/enter/stop) to delete the folder and its files. If the selected folder contains sub-folders, however, you cannot delete the sub-folders and their files.

Note

- If the selected folder contains protected files, an attempt to delete the folder only deletes unprotected files, leaving the folder and the protected files undeleted. Remove the protection from such files first, then delete the folder. For instructions on removing protection, see Protecting a file.

Hint

- To cancel the deleting process, select [No] in step 4, and then press ►■(play/enter/stop).

- If you delete the current storage folder for recorded files, [Switch Recording Folder] appears on the display window and [FOLDER01] (default storage folder) is assigned as the new storage folder for recorded files.

- If you delete all of the storage folders for recorded files, [No Folders - Creating New Recording Folder] appears on the display window and [FOLDER01] is automatically created.

Related Topic

- Deleting a file
- Deleting all files in the searched folder or list

IC Recorder
ICD-TX660

Moving a file to a different folder
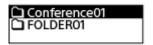
You can select a file and move it to another folder.

1 **Select the file you want to move.**

2 **While playback is on standby, select [Move File] on the OPTION menu, and then press▶■(play/enter/stop).**

> Move File
> Copy File
> Change File Name

3 **Press ◄◄ (review/fast backward) or ►► (cue/fast forward) to select the destination folder, and then press ▶■(play/enter/stop).**

> 🗀 Conference01
> 🗀 FOLDER01

[Please Wait] appears and the file will be moved from the source folder to the destination folder.
When you move a file to another folder, the original file in the previous folder will be deleted.

Note

- You cannot move a protected file. To move the file, remove the protection first, and then move the file. For instructions on removing protection, see Protecting a file.

- You cannot move the files stored in [🎵 Music].

Related Topic

- Selecting a file
- Copying a file to a different folder
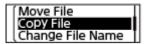
IC Recorder
ICD-TX660

Copying a file to a different folder

You can select a file and copy it to another folder, which is useful in making a backup copy.

1 **Select the file you want to copy.**

2 **While playback is on standby, select [Copy File] on the OPTION menu, and then press►■(play/enter/stop).**

```
Move File
Copy File
Change File Name
```

3 **Press ◄◄ (review/fast backward) or ►► (cue/fast forward) to select the destination folder, and then press ►■(play/enter/stop).**

[Please Wait] appears and the file will be copied from the source folder to the destination folder with the same name.

Note

- You cannot copy the files stored in [♫ Music].

Related Topic

- Selecting a file
- Moving a file to a different folder

Creating a folder

Recorded files are stored in [FOLDER01] under [📄Recorded Files] by default. You can create a new folder and change this default folder to it.

1 **Select [📄Recorded Files] on the HOME menu, and then press ►■(play/enter/stop).**

2 **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select [Folders] as the file search category, and then press ►■(play/enter/stop).**

3 **Select [Create Folder] on the OPTION menu, and then press ►■(play/enter/stop).**

> Create Folder
> Delete Folder
> Change Folder Name

4 **Select ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select a folder name from the template, and then press ►■(play/enter/stop).**

A new folder is created.

Note

- You cannot create a folder in [🎵Music].

IC Recorder
ICD-TX660

Adding a track mark

You can add a track mark at a point where you want to divide a file later or you want to locate during playback. You can add a maximum of 98 track marks to a single file.

1 **While recording is in progress or while playback is in progress or on standby, select [Add Track Mark] on the OPTION menu when recording or playback comes to the point you want to add a track mark, and then press ►■(play/enter/stop).**

> Add Track Mark
> Mic Sensitivity
> Stereo Emphasis

[Added] appears to indicate that a track mark is added.
On the recording and playback screens, the ▶ (track mark) indicator appears.

Note

- You cannot add track marks to a protected file. To add track marks to a protected file, remove the protection from the file first, then add track marks. For instructions on removing protection, see Protecting a file.

Hint

- To locate a track mark and start playback at the track mark, press I◄◄ (review/fast backward) or ►►I (cue/fast forward) while playback is on standby or in progress. While playback is on standby, wait for the ▶ (track mark) indicator to flash once, and then press►■(play/enter/stop) to start playback.

- To name track marks, use the dedicated software (Sound Organizer 2). However, only the first 16 characters of the track mark name are displayed on the display window of your IC recorder.

Related Topic
- Adding track marks automatically
- Deleting a track mark

IC Recorder
ICD-TX660

Adding track marks automatically

You can set your IC recorder to add track marks automatically at specified intervals while normal recording is in progress.

1 **Select [🧰 Settings] - [Recording Settings] - [Auto Track Marks] from the HOME menu, and then press▶■ (play/enter/stop).**

> Recording Filter
> VOR
> **Auto Track Marks**

2 **Press ▎◀◀ (review/fast backward) or ▶▶▎ (cue/fast forward) to select [Interval], and then press▶■ (play/enter/stop).**

3 **Press ▎◀◀ (review/fast backward) or ▶▶▎ (cue/fast forward) to select the interval length and then press▶■ (play/enter/stop).**

You can select [5 Min] (default setting), [10 Min], [15 Min], or [30 Min].
The Auto Track Marks function is turned on.

4 **Press ▎◀◀ (review/fast backward) or ▶▶▎ (cue/fast forward) to select [Time Stamps], and then [Time Stamps On].**

The time stamp will be added to the track marks when they are automatically added.
If you set [Auto Track Marks] before you make a long recording, such as a recording of an extended conversation, it will come in handy when you locate your desired track mark for playback because you can use the time stamps as references.
You can view all the track marks in a file by selecting [Track Mark List] on the OPTION menu.

5 **Press and hold BACK/HOME to return to the HOME menu.**

Hint

- To cancel the Auto Track Marks function setup process, select [OFF] in step 2.

- While the Auto Track Marks function is active, you can still add a track mark at any point by selecting [Add Track Mark] on the OPTION menu and pressing ▶■(play/enter/stop) during recording.

Related Topic

- Adding a track mark
- Deleting a track mark
- Locating a playback point with the track mark list (Track Mark List)

IC Recorder
ICD-TX660

Deleting a track mark

You can delete the closest track mark before the point where you stopped playback.

1 **Select the file from which you want to delete track marks.**

2 **Play the file and stop at a point after the track mark you want to delete.**

3 **Select [Delete Track Marks] - [This Track Mark] from the OPTION menu, and then press ►■ (play/enter/stop).**

[Delete?] appears on the display window.

4 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes], and then press ►■ (play/enter/stop).**

[Please Wait] appears in the display window and the selected track mark will be deleted.

A. Before deleting a track mark: ■ (stop) indicates the point where you stopped playback.
B. After deleting a track mark: The closest track mark before the point where you stopped playback will be deleted.

Note

- You cannot delete track marks from a protected file. To delete track marks from a protected file, remove the protection from the file first, then delete the track marks. For instructions on removing protection, see Protecting a file.

- While recording is on standby, you cannot delete track marks with the OPTION menu. Use the HOME menu to select the file containing the track mark that you want to delete.

Hint

- To cancel the deleting process, select [No] in step 4, and then press ►■ (play/enter/stop).

Related Topic
- Selecting a file
- Deleting all the track marks in the selected file at one time

IC Recorder
ICD-TX660

Deleting all the track marks in the selected file at one time

You can delete all the track marks of the selected file.

1 **Select the file from which you want to delete the track marks.**

2 **Select [Delete Track Marks] - [All Track Marks] from the OPTION menu, and then press ▶■(play/enter/stop).**

> This Track Mark
> **All Track Marks**

[Delete All Track Marks?] appears on the display window.

3 **Press ◄◄ (review/fast backward) or ►► (cue/fast forward) to select [Yes], and then press ▶■ (play/enter/stop).**

[Please Wait] appears and all the track marks will be deleted at one time.

Note

- You cannot delete track marks from a protected file. To delete track marks from a protected file, remove the protection from the file first, then delete the track marks. For instructions on removing protection, see Protecting a file.

- You cannot delete track marks while recording is on standby. Use the HOME menu to select the file containing the track mark that you want to delete.

Hint

- To cancel the deleting process, select [No] in step 3, and then press ▶■(play/enter/stop).

Related Topic

- Selecting a file
- Deleting a track mark

IC Recorder
ICD-TX660

Dividing a file at the current playback point

You can divide a file while playback is on standby, so that the file is divided into two parts and new file numbers are added to the divided file names. Dividing a file helps you quickly locate the point from which you want to play in a long recording file, such as a meeting recording. You can further divide either of the divided files.
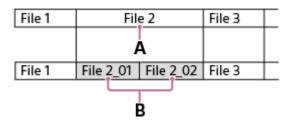
1 **Select the file that you want to divide, and then play the file and stop at a point where you want to divide the file.**

2 **Select [Divide] - [Current Position] from the OPTION menu, and then press ▶■(play/enter/stop).**

> Current Position
> At All Track Marks

[Divide at Current Stop Position?] appears on the display window.

3 **Press ◄◄ (review/fast backward) or ►► (cue/fast forward) to select [Yes], and then press ▶■ (play/enter/stop).**

[Please Wait] appears, and the divided files will be suffixed with a sequential number ([_01] for the first part, and [_02] for the second part).

File 1	File 2	File 3

A

File 1	File 2_01	File 2_02	File 3

B

A. Dividing point
B. A suffix made up of a sequential number ([_01] for the first part, and [_02] for the second part) is added to the file name of the divided files.

Note

- While playback of a file is in progress, you cannot divide the file.

- You cannot divide a protected file. To divide a protected file, remove the protection from the file first, then divide the file. For instructions on removing protection, see Protecting a file.

Hint

- To cancel the dividing process, select [No] in step 3, and then press ▶■(play/enter/stop).

- On your IC recorder, you cannot combine divided files.
  [Sound Organizer 2] is capable of dividing and combining files.

- Track marks located near the beginning and end of the source file may not be used for dividing and remain in the divided files.

Related Topic

- Selecting a file
- Dividing a file at all the track mark points

IC Recorder
ICD-TX660

Dividing a file at all the track mark points

You can divide a file at all the track mark points.

1 **Select the file that you want to divide.**
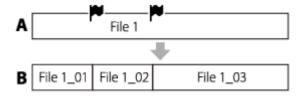
2 **While playback is on standby, select [Divide] - [At All Track Marks] from the OPTION menu, and then press ►■(play/enter/stop).**

```
Current Position
At All Track Marks
```

[Divide at All Track Marks?] appears on the display window.

3 **Press ◄◄ (review/fast backward) or ►►ı (cue/fast forward) to select [Yes], and then press►■ (play/enter/stop).**

[Please Wait] appears and the file will be divided at all the track mark points, deleting all the track marks. The divided files will be suffixed with a sequential number ([_01], [_02], and so on).

A. Before dividing a file: ▶◀ (track mark icon) indicates a track mark point.
B. After erasing track marks: A file is divided at all the track mark points, and the divided files will be suffixed with a sequential number ([_01], [_02], and so on).

Note

- While playback of a file is in progress, you cannot divide the file.

- You cannot divide a protected file. To divide a protected file, remove the protection from the file first, then divide the file. For instructions on removing protection, see Protecting a file.

- Track marks located near the beginning and end of the source file may not be used for dividing and remain in the divided files.

Hint

- To cancel the dividing process, select [No] in step 3, and then press►■(play/enter/stop).

Related Topic

- Selecting a file
- Dividing a file at the current playback point

SONY

IC Recorder
ICD-TX660
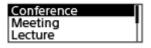
Changing a folder name

You can change the name of the folders for storing the files you record with your IC recorder by selecting a folder name from the template.

1 Select [Recorded Files] on the HOME menu, and then press ►■(play/enter/stop).

2 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Folders].

3 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the folder which you want to rename.

4 Select [Change Folder Name] on the OPTION menu, and then press ►■(play/enter/stop).

> Create Folder
> Delete Folder
> Change Folder Name

5 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the desired folder name, and then press ►■(play/enter/stop).

> Conference
> Meeting
> Lecture

[Please Wait] appears on the display window and the folder name will be changed.

Note

- You cannot change the name of folders in [Music].

Hint

- A sequential number (01 to 10) is always added to every folder name as a suffix. If you select the folder name that already exists, additional folders with the same name will be suffixed with a sequential number (02 to 10).

Related Topic

- Changing a file name

IC Recorder
ICD-TX660
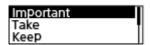
Changing a file name

You can change the name of the files stored under [📄 Recorded Files] on the HOME menu by adding one of the prefix templates.

1 **Select the file that you want to rename.**

2 **While playback is on standby, select [Change File Name] on the OPTION menu, and then press ►■ (play/enter/stop).**

```
Copy File
Change File Name
File Information
```

3 **Press ⏮ (review/fast backward) or ⏭ (cue/fast forward) to select the desired prefix, and then press ►■ (play/enter/stop).**

```
Important
Take
Keep
```

[Please Wait] appears on the display window and the selected prefix and an underscore (_) will be added to the file name.
Example ([Important] is added to the file 211010_1010.mp3): Important_211010_1010.mp3

Note

- You cannot change the name of a protected file. To change the name of a protected file, remove the protection from the file first, then change the name. For instructions on removing protection, see Protecting a file.

- You cannot change the name of files in [🎵 Music].

Related Topic

- Changing a folder name
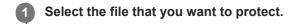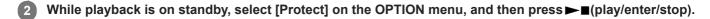
IC Recorder
ICD-TX660

Protecting a file

To prevent a file from being accidentally deleted or edited, you can protect an important file. A protected file is regarded as a read-only file that you cannot delete or edit.

1 **Select the file that you want to protect.**

2 **While playback is on standby, select [Protect] on the OPTION menu, and then press ▶■(play/enter/stop).**

Playback Range
Delete File
Protect

[Please Wait] and then [Protected] appear on the display window and the file is protected.
On the screen for viewing information about the recorded file, [ON] is displayed next to [File Protection:] to indicate that the file is protected.

Hint

- To remove protection from a file, select the protected file, and then select [Do Not Protect] in step 2.

Related Topic

- Selecting a file

IC Recorder
ICD-TX660

List of the Settings menu items

The following lists the 🧰 Settings menu items on the HOME menu.

Recording Settings

- Recording Folder:
Changing the storage folder for recorded files

- Create Folder:
Creating a folder

- Scene Select:
Selecting a recording scene for an individual situation

- REC Mode:
Selecting the recording mode (REC Mode)

- Mic Sensitivity:
Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)

- Stereo Emphasis:
Emphasizing the stereo effect when recording (Stereo Emphasis)

- Recording Filter:
Reducing noise during recording (Recording Filter)

- VOR:
Recording automatically in response to the input sound volume – the VOR function

- Auto Track Marks:
Adding track marks automatically

Playback Settings

- Clear Voice:
Reducing noise in the playback audio to make human voices sound clearer – the Clear Voice function

- Equalizer:
Selecting a sound quality setting (Equalizer)

- Easy Search:
Jumping forward/back a fixed number of seconds (Easy Search)

- Play Mode:
Selecting the playback mode

- Playback Range:
Specifying the playback range in the stored file list

Common Settings

- LED:
Turning the operation indicator on or off (LED)

- Screen Off Timer:
  Using the screen off timer

- Beep:
  Turning the beep sound on or off (Beep)

- Speaker Output:
  Turning on or off the speaker output (Speaker Output)

- Language:
  Selecting the display language (Language)

- Date & Time:
  Setting the clock (Date & Time)
  Selecting the date display format (Date Display Format)
  Selecting the clock display format (Time Display)

- Sleep Timer:
  Using the sleep timer (Sleep Timer)

- Auto Power Off:
  Setting the time period before the IC recorder automatically turns off (Auto Power Off)

- Reset/Format:
  Resetting all menu settings to the default ones (Reset All Settings)
  Formatting the memory (Format)

- Available Rec. Time:
  Checking the remaining recording time (Available Rec. Time)

- System Information:
  Checking the information about the IC recorder (System Information)

Related Topic

- Using the HOME menu
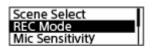
IC Recorder
ICD-TX660

Selecting the recording mode (REC Mode)

You can set the recording mode for audio recordings. Set this menu item before you start recording.

1 Select [🧰 Settings] - [Recording Settings] - [REC Mode] from the HOME menu, and then press ▶■ (play/enter/stop).

> Scene Select
> **REC Mode**
> Mic Sensitivity

2 Press I◀◀ (review/fast backward) or ▶▶I (cue/fast forward) to select the desired recording mode, and then press ▶■(play/enter/stop).

3 Press and hold BACK/HOME to return to the HOME menu.

Description of menu items

You can select one of the following items:

LPCM 44.1kHz/16bit:
LPCM (not compressed) in stereo high-quality recording mode

MP3 192kbps:
MP3 (compressed) in stereo standard-quality recording mode (default setting)

MP3 128kbps:
MP3 (compressed) in long play stereo recording mode

MP3 48kbps(MONO):
MP3 (compressed) in monaural standard recording mode
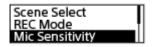
IC Recorder
ICD-TX660

Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)

You can select the sensitivity level of the built-in microphones. Setting low mic sensitivity level makes the sounds that are recorded quieter. Setting high mic sensitivity level makes the sounds that are recorded louder. Adjust the sensitivity level, as needed, while looking at the appropriate range for the recording level guide. Also, if you want this to be adjusted automatically, set [Auto].

1 Select [🧰 Settings] - [Recording Settings] - [Mic Sensitivity] from the HOME menu, and then press ►■ (play/enter/stop).

> Scene Select
> REC Mode
> Mic Sensitivity

2 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the desired level of the microphone sensitivity, and then press►■(play/enter/stop).

3 Press and hold BACK/HOME to return to the HOME menu.

Description of menu items

You can select one of the following items:

🎤 Auto:
The mic sensitivity level is set automatically so that the recording level is appropriate.

🎤 High:
Suitable for recording distant or soft human voices in large spaces, including conference rooms.

🎤 Medium:
Suitable for recording small meetings or interviews (default setting).

🎤 Low:
Suitable for speaking into the built-in microphones to record voice notes or recording nearby or loud human voices.
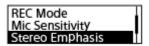
Emphasizing the stereo effect when recording (Stereo Emphasis)

By turning on the Stereo Emphasis function, you can create recordings with a more stereo feeling.

1 **Select [Settings] - [Recording Settings] - [Stereo Emphasis] from the HOME menu, and then press ►■ (play/enter/stop).**

REC Mode
Mic Sensitivity
Stereo Emphasis

2 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Light] or [Strong], and then press ►■ (play/enter/stop).**

3 **Press and hold BACK/HOME to return to the HOME menu.**

Descriptions of menu items

You can select one of the following items:

OFF:
Turns off the Stereo Emphasis function (default setting).
Light:
Adds a slightly enhanced stereo feeling to recordings.
Strong:
Adds a more enhanced stereo feeling than [Light] to recordings.

> **Note**
> - While [REC Mode] is set to [MP3 48kbps(MONO)], the Stereo Emphasis function is disabled.

SONY

IC Recorder
ICD-TX660
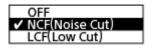
Reducing noise during recording (Recording Filter)

With the Recording Filter function, you can reduce noise in the recordings.

1 Select [🧰 Settings] - [Recording Settings] - [Recording Filter] from the HOME menu, and then press ►■ (play/enter/stop).

> Mic Sensitivity
> Stereo Emphasis
> Recording Filter

2 Press ◄◄ (review/fast backward) or ►►| (cue/fast forward) to select [NCF(Noise Cut)] or [LCF(Low Cut)], and then press ►■ (play/enter/stop).

> OFF
> ✓ NCF(Noise Cut)
> LCF(Low Cut)

3 Press and hold BACK/HOME to return to the HOME menu.

Description of menu items

You can select one of the following items:

OFF:
Turns off the Recording Filter function.

NCF(Noise Cut):
Cuts high-frequency sounds except for human voices as well as low-frequency sounds (default setting).

LCF(Low Cut):
Cuts low-frequency sounds, including noise from projectors and roaring wind sounds.

> **Hint**
> - To cancel the Recording Filter function setup process, select [OFF] in step 2.

5-025-099-11(1) Copyright 2021 Sony Corporation

IC Recorder
ICD-TX660

Turning the operation indicator on or off (LED)

You can set the operation indicator to turn on or off during IC recorder operations.

1   **Select [🧰 Settings] - [Common Settings] - [LED] from the HOME menu, and then press►■ (play/enter/stop).**

LED
Screen Off Timer
Beep

2   **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [ON] or [OFF], and then press►■ (play/enter/stop).**

3   **Press and hold BACK/HOME to return to the HOME menu.**

Description of menu items

You can select one of the following items:

ON:
The operation indicator lights or flashes according to IC recorder operations (default setting).

OFF:
The operation indicator stays unlit during IC recorder operations.

> **Note**
>
> - If the IC recorder is connected to a computer, the operation indicator lights or flashes, even if the setting is [OFF].

IC Recorder
ICD-TX660

Selecting the display language (Language)

You can select the language to be used for messages, menus, folder names, etc.

1 **Select [🛠 Settings] - [Common Settings] - [Language] from the HOME menu and then press►■ (play/enter/stop).**

Beep
Speaker Output
Language

2 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the language that you want to use, and then press►■(play/enter/stop).**

You can select the language from Deutsch (German), English, Español (Spanish), Français (French), Italiano (Italian), Русский (Russian), Türkçe (Turkish), 한국어 (Korean), 简体中文 (Simplified Chinese), 繁體中文 (Traditional Chinese).

3 **Press and hold BACK/HOME to return to the HOME menu.**

Note

- The number of language options you can select and the default setting differ depending on the country or region of your purchase.
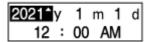
Setting the clock (Date & Time)

You can set the clock of your IC recorder. Be sure to set it before you start recording.

1 **Select [🧰 Settings] - [Common Settings] - [Date & Time] - [Set Date/Time] from the HOME menu, and then press ►■(play/enter/stop).**

> Set Date/Time
> Date Display Format
> Time Display

2 **Set the current date and time.**

> 2021 y 1 m 1 d
>   12 : 00 AM

Press ◄◄ (review/fast backward) or ►►► (cue/fast forward) to set an item, and then press►■(play/enter/stop). Repeat the actions to set all items.
To move the focus backward or forward, press ◄◄ (review/fast backward) or ►►► (cue/fast forward). To move the focus to the previous item, press BACK/HOME.
When you are finished with the last item, press►■(play/enter/stop) to apply the settings to the clock.

3 **Press and hold BACK/HOME to return to the HOME menu.**

To display the current time, place your IC recorder into the HOLD state.

Note

- The clock may tell the time either in 12-Hour format with [AM] or [PM] or in the 24-Hour format, depending on the selected clock display format (Time Display) on the Settings menu. In addition, the default clock display format depends on the country or region of your purchase.

- The default date display format depends on the country or region of your purchase.

Related Topic
- Placing the IC recorder into the HOLD state (HOLD)

IC Recorder
ICD-TX660

Selecting the date display format (Date Display Format)

You can select the date display format to suit your preference.

1 **Select [Settings] - [Common Settings] - [Date & Time] - [Date Display Format] from the HOME menu, and then press ▶■(play/enter/stop).**

```
Set Date/Time
Date Display Format
Time Display
```

2 **Press ◄◄ (review/fast backward) or ►►◄ (cue/fast forward) to select the desired format, and then press ▶■ (play/enter/stop).**

3 **Press and hold BACK/HOME to return to the HOME menu.**

Description of menu items

You can select one of the following items:

YYYY/MM/DD:
The date appears in the year/month/date format.
MM/DD/YYYY:
The date appears in the month/date/year format.
DD/MM/YYYY:
The date appears in the date/month/year format.

> **Note**
>
> - The default setting differs depending on the area you purchased your IC recorder.

IC Recorder
ICD-TX660

Selecting the clock display format (Time Display)

You can select either the 12-Hour or 24-Hour format.

1 Select [🧰 Settings] - [Common Settings] - [Date & Time] - [Time Display] from the HOME menu, and then press ►■(play/enter/stop).

Set Date/Time
Date Display Format
Time Display

2 Press ◄◄ (review/fast backward) or ►►◄ (cue/fast forward) to select the desired format, and then press ►■ (play/enter/stop).

3 Press and hold BACK/HOME to return to the HOME menu.

Description of menu items

You can select one of the following items:

12-Hour:
12:00AM = midnight, 12:00PM = noon
24-Hour:
00:00 = midnight, 12:00 = noon

> **Note**
>
> - The default setting differs depending on the country or region of your purchase.
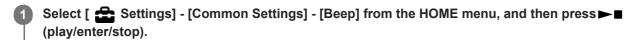
5-025-099-11(1) Copyright 2021 Sony Corporation

IC Recorder
ICD-TX660

Turning the beep sound on or off (Beep)

You can turn the operation beep sound on or off.

1 Select [🧰 Settings] - [Common Settings] - [Beep] from the HOME menu, and then press►■ (play/enter/stop).

> LED
> Screen Off Timer
> Beep

2 Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [ON] or [OFF], and then press►■ (play/enter/stop).

3 Press and hold BACK/HOME to return to the HOME menu.

Description of menu items

You can select one of the following items:

ON:
A beep will sound to indicate that an operation is accepted or an error occurs (default setting).
OFF:
No beeps will sound.

Related Topic
- Monitoring the recording audio

SONY

IC Recorder
ICD-TX660

Turning on or off the speaker output (Speaker Output)

You can turn on or off the speaker output of your IC recorder. While the speaker output is turned off, no sound comes out of the built-in speaker when the headphones are unplugged from the jack.

1 Select [🛠 Settings] - [Common Settings] - [Speaker Output] from the HOME menu, and then press ►■ (play/enter/stop).

Speaker Output
Language
Date & Time

2 Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [ON] or [OFF (Mute)], and then press ►■ (play/enter/stop).

3 Press and hold BACK/HOME to return to the HOME menu.

Descriptions of menu items

You can select one of the following items:

ON:
The sound comes out of the built-in speaker (default setting).

OFF (Mute):
No sound comes out of the built-in speaker.

> **Note**
> - While [ON] is set to [Speaker Output], no sound comes out of the built-in speaker as long as the headphones are plugged to your IC recorder.

IC Recorder
ICD-TX660

Using the sleep timer (Sleep Timer)

If you set the sleep timer, your IC recorder will turn off automatically when the specified period of time expires.

1 **Select [Settings] - [Common Settings] - [Sleep Timer] from the HOME menu, and then press ▶■ (play/enter/stop).**

> Sleep Timer
> Auto Power Off
> Reset/Format

2 **Press ◄◄ (review/fast backward) or ►►◄ (cue/fast forward) to select the desired time period, and then press ▶■ (play/enter/stop).**

You can select [OFF] (default setting), [15 Min], [30 Min], [60 Min], [90 Min], or [120 Min].

3 **Press and hold BACK/HOME to return to the HOME menu.**

When you set the sleep timer, [SLEEP] appears on the file playback (standby) and recording (standby) screens.

Note

- If the Auto Power Off function is turned on, your IC recorder may turn off before the time period specified for the sleep timer expires.

- Even while recording is in progress or the recording delay function is turned on, your IC recorder will turn off when the time period specified for the sleep timer expires.

Hint

- Redoing step 1 with the sleep timer already set shows the time remaining until the IC recorder goes to sleep on the screen that indicates that the sleep timer is active. To keep the sleep timer on, select [Keep On], and to turn it off, select [Turn Off].

Related Topic

- Setting the time period before the IC recorder automatically turns off (Auto Power Off)
- Using the recording delay function

IC Recorder
ICD-TX660

Setting the time period before the IC recorder automatically turns off (Auto Power Off)

You can set your IC recorder to automatically turn off if it is left unused for the specified period time.

1 **Select [Settings] - [Common Settings] - [Auto Power Off] from the HOME menu, and then press▶■ (play/enter/stop).**

Date & Time
Sleep Timer
Auto Power Off

2 **Press ◄◄ (review/fast backward) or ►►I (cue/fast forward) to select the desired time period, and then press ▶■(play/enter/stop).**

3 **Press and hold BACK/HOME to return to the HOME menu.**

Description of menu items

You can select one of the following items:

OFF:
Your IC recorder will not turn off automatically.

5 Min:
Your IC recorder will turn off in approx. 5 minutes.

10 Min:
Your IC recorder will turn off in approx. 10 minutes (default setting).

30 Min:
Your IC recorder will turn off in approx. 30 minutes.

60 Min:
Your IC recorder will turn off in approx. 60 minutes.

> **Note**
> - During the recording delay countdown, your IC recorder does not turn off even when the period of time specified for the Auto Power Off function expires.

Related Topic
- Turning the power on
- Releasing the IC recorder from the HOLD state
- Using the recording delay function

IC Recorder
ICD-TX660

Resetting all menu settings to the default ones (Reset All Settings)

You can reset all menu settings to the default ones except for the following:

- Clock settings (Date & Time)

- Display language settings (Language)

1 **While recording or playback is on standby, select [▤ Settings] - [Common Settings] - [Reset/Format] - [Reset All Settings] from the HOME menu, and then press►■(play/enter/stop).**

```
Reset All Settings
Format
```

[Default Value?] appears on the display window.

2 **Press I◄◄ (review/fast backward) or ►►I (cue/fast forward) to select [Yes], and then press►■ (play/enter/stop).**

[Please Wait] appears and all menu settings will be reset to the default ones.

3 **Press and hold BACK/HOME to return to the HOME menu.**

Hint

- To cancel the resetting process, select [No] in step 2.

IC Recorder
ICD-TX660

Formatting the memory (Format)

You can format the built-in memory of your IC recorder. Formatting the built-in memory will delete all of the stored data and restore the original folder structure at your purchase.

1 **While recording or playback is on standby, select [⚷ Settings] - [Common Settings] - [Reset/Format] - [Format] from the HOME menu, and then press▶■(play/enter/stop).**

Reset All Settings
Format

[Delete All Data?] appears.

2 **Press ◄◄ (review/fast backward) or ►►◄ (cue/fast forward) to select [Yes], and then press▶■ (play/enter/stop).**

[Please Wait] appears and the built-in memory will be formatted.

3 **Press and hold BACK/HOME to return to the HOME menu.**

Note

- Be aware that formatting the built-in memory will delete all of the stored data, including protected files, and you will not be able to restore anything after the formatting process.

Hint
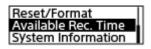
- To cancel the formatting process, select [No] in step 2.

IC Recorder
ICD-TX660

Checking the remaining recording time (Available Rec. Time)

You can display the remaining recording time in the current recording mode in hours, minutes, and seconds.
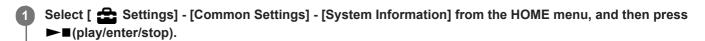
1 **Select [🧰 Settings] - [Common Settings] - [Available Rec. Time] from the HOME menu, and then press ►■(play/enter/stop).**

```
Reset/Format
Available Rec. Time
System Information
```

2 **Press and hold BACK/HOME to return to the HOME menu.**

IC Recorder
ICD-TX660

Checking the information about the IC recorder (System Information)

You can display the information about your IC recorder, such as the IC recorder's model name and the software version number.

1 **Select [![icon] Settings] - [Common Settings] - [System Information] from the HOME menu, and then press ►■(play/enter/stop).**

```
Reset/Format
Available Rec. Time
System Information
```

2 **Press and hold BACK/HOME to return to the HOME menu.**
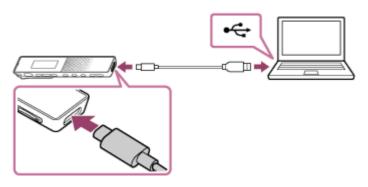
IC Recorder
ICD-TX660

Connecting the IC recorder to a computer

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

1 **Connect the IC recorder to a running computer with the supplied USB Type-C cable.**

2 **Make sure the IC recorder is successfully detected by the computer.**

- On the Windows computer, open [Computer] or [PC], and make sure that [IC RECORDER] is detected.
- On the Mac, make sure that [IC RECORDER] drive appears on the Finder.

The IC recorder is detected by the computer as soon as a connection is made. While the IC recorder is connected to the computer, [Connecting] appears on the display window of the IC recorder.

Related Topic
- Disconnecting the IC recorder from the computer
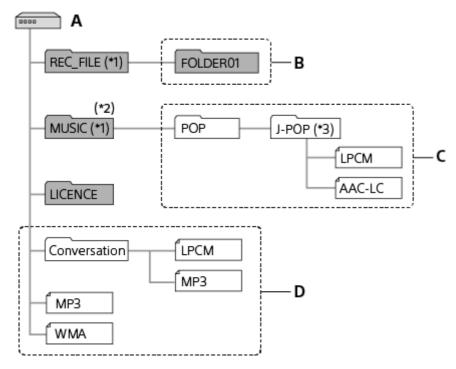
IC Recorder
ICD-TX660

Structure of folders and files

You can use a computer to view the structure of folders and files on the built-in memory of your IC recorder. Connect the IC recorder to the computer and use the Explorer (Windows) or the Finder (Mac) to open [IC RECORDER]. The following illustrates the structure of folders and files:

A: IC RECORDER folder
B: Folder for storing files recorded with your IC recorder
C: Folder for storing files transferred from the computer
D: Your IC recorder is not capable of detecting any folders and files stored directly under the IC RECORDER folder.

*1   Files stored in the REC_FILE folder appear in [⬜ Recorded Files] while those in the MUSIC folder appear in [🎵 Music]. When transferring a file, make sure you put it either in the REC_FILE folder or in the MUSIC folder.
*2   Your IC recorder is capable of detecting up to 8 levels of the transferred music folders.
*3   The folder containing music files will appear with the same name on your IC recorder. It would help you identify folders if you name the folders with easy-to-remember names. The folder names shown in the above illustration are just examples.

> **Hint**
>
> - Before transferring music files from the computer to your IC recorder, it would be helpful if you registered the music file information, such as titles and artist names, on the computer in advance. Then, you can display the music file information or use it for music file search on the IC recorder.
>
> - If a music file has no title assigned, it will appear with its file name on your IC recorder.

SONY

IC Recorder
ICD-TX660

Copying files from the IC recorder to a computer

You can copy files and folders from your IC recorder to a computer to store them.

1 **Connect the IC recorder to the computer.**
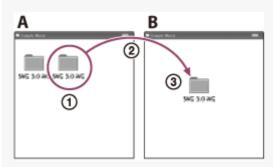
2 **Copy files or folders you want to transfer to the computer.**

Drag and drop the files or folders you want to copy from [IC RECORDER] to the local disk on the computer.

3 **Disconnect the IC recorder from the computer.**

Hint

- To copy a file or folder (drag and drop), click and hold the file or folder (①), drag (②), and then drop (③).

A: IC RECORDER
B: Computer

Related Topic

- Connecting the IC recorder to a computer
- Disconnecting the IC recorder from the computer

IC Recorder
ICD-TX660

Copying music files from a computer to the IC recorder

You can copy music and audio files LPCM (.wav) / MP3 (.mp3) / WMA (.wma) / AAC-LC (.m4a) from a computer to your IC recorder by drag and drop.

1 **Connect the IC recorder to the computer.**

2 **Copy the folder containing music files to the IC recorder.**

Open the Explorer (Windows) or the Finder (Mac) and drag and drop the folder containing music files to the REC_FILE folder or the MUSIC folder.
Your IC recorder is capable of storing up to 199 files per folder and recognizing a total of up to 5,000 folders and files stored on the built-in memory.

3 **Disconnect the IC recorder from the computer.**

Related Topic
- Technical specifications
- Connecting the IC recorder to a computer
- Disconnecting the IC recorder from the computer

IC Recorder
ICD-TX660

Playing music files on the IC recorder that were copied from a computer

You can play the music files that you copied from a computer on your IC recorder.

1   **Select [📄Recorded Files] or [🎵Music] on the HOME menu, and then select a file.**

You can search [📄 Recorded Files] for the files that you copied from a computer to the REC_FILE folder; and [🎵 Music] for the files that you copied to the MUSIC folder.
For instructions on selecting a file, see Selecting a file.

2   **Press►■(play/enter/stop) to start playback.**

3   **Press►■ (play/enter/stop) to stop playback.**

Related Topic

- Display window while playback is in progress
- Technical specifications

IC Recorder
ICD-TX660

Using the IC recorder as a USB storage device

You can connect your IC recorder to a computer and use it as a USB storage device.
To use the IC recorder as a USB storage device, you need a computer that meets the system requirements. For more information, see System requirements.
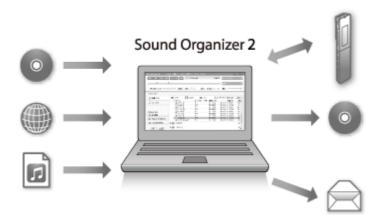
IC Recorder
ICD-TX660

What you can do with Sound Organizer 2

Sound Organizer 2 allows you to exchange files between your IC recorder and a computer. You can play songs imported from other media (music CDs, etc.) and audio files (MP3 files, etc.) imported on the computer as well as transfer them to the IC recorder. With Sound Organizer 2, a variety of operations are available for the imported files: playback, editing, conversion to MP3 files. Sound Organizer 2 also allows you to take further advantage of the computer's distinctive features, such as burning music CDs, keeping records of meetings, learning languages, and sending audio files through e-mail.
For detailed instructions on using Sound Organizer 2, refer to the Sound Organizer 2 help.

Importing files recorded by the IC recorder

You can import files that you recorded by the IC recorder into Sound Organizer 2.
The imported files are saved to the computer.

Importing songs from a music CD

You can import songs from of a music CD into Sound Organizer 2.
The imported songs are saved to the computer.

Importing songs on the computer

You can import music and other files stored on the computer into Sound Organizer 2.

Playing files

You can play files imported on Sound Organizer 2.

Changing the file information

You can change the information about songs (titles, artist names, etc.) displayed in the file list.

Dividing files

You can divide one file into multiple files.

Combining files

You can combine multiple files into one file.

Deleting files from the IC recorder

You can delete files stored on your IC recorder.
When you want to increase the remaining free space on the IC recorder or you find unnecessary files on the IC recorder, you can directly delete files from Sound Organizer 2.

Transferring files to the IC recorder

You can transfer music and audio files from Sound Organizer 2 to the built-in memory of your IC recorder and enjoy them on the IC recorder.

Burning a music CD

You can select your favorites from the songs imported into Sound Organizer 2 and make your own original music CD.

Other convenient usage
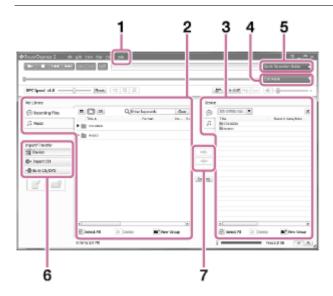
You can start your e-mail software and attach recorded files to an e-mail.

Related Topic

- Installing Sound Organizer 2

IC Recorder
ICD-TX660

Parts of the Sound Organizer 2 window

1. **Help**
   Displays the help of Sound Organizer 2. For details on operations, refer to respective help topics.

2. **The file list of Sound Organizer 2 (My Library)**
   Displays a list of files included in My Library of Sound Organizer 2 in accordance with a particular operation.
   ⊜ Recording Files: Displays a list of recording files.
   Files that you recorded with your IC recorder appear in this library when they are imported.
   ♫ Music: Displays a list of music files.
   Songs that you imported from music CDs appear in this library.

3. **The file list of the IC recorder**
   Displays the files stored on the connected IC recorder's built-in memory.

4. **Edit Mode button**
   Displays the edit area where you can edit a file.

5. **Quick Operation Guide button**
   Displays the Quick Operation Guide to walk you through the basic features of Sound Organizer 2.

6. **Sidebar (Import/Transfer)**
   ⇅ Device: Displays the transfer window. A list of files on a connected device appears.
   ⊙⇥ Import CD: Displays the window for importing the contents of a music CD.
   ⇥⊙ Burn CD/DVD: Displays the window for burning a disc.

7. **Transfer buttons**
   ➡ : Transfers the files from Sound Organizer 2 to the connected IC recorder's built-in memory.
   ⬅ : Imports the files from the connected IC recorder's built-in memory to My Library of Sound Organizer 2.

IC Recorder
ICD-TX660

System requirements for Sound Organizer 2

The following lists the system requirements for Sound Organizer 2.

Operating systems

- Windows 10

- Windows 8.1

Note

- One of the above operating systems should be pre-installed at shipment. Upgraded operating systems or multi-boot environments are not supported.

IBM PC/AT or compatible

- CPU
  Windows 8.1/Windows 10: Processor of 1.66 GHz or higher

- Memory
  Windows 8.1/Windows 10: At least 1 GB (32 bit version)/At least 2 GB (64 bit version)

- Free local disk space
  At least 400 MB is required.
  Depending on the version of Windows, more than 400 MB may be used.
  Also, free space for handling music data is required.

- Display settings
  Screen resolution: 800 × 600 pixels or higher (1,024 × 768 pixels is recommended.)
  Screen color: High Color (16 bit) or higher

- USB port
  A compatible USB port is required to use devices and media.
  Operation via a USB hub is not guaranteed except for models for which operation has been specifically guaranteed.

- Optical disc
  To create a music CD, you need a CD-R/RW drive.

IC Recorder
ICD-TX660

Installing Sound Organizer 2

Download the installer file from the Sony Service website and install Sound Organizer 2 on a computer.

Note

- Be sure to install Sound Organizer 2 on the computer that has already Sound Organizer (Ver. 1.6) installed as well.

- When installing Sound Organizer 2, log in to an account with administrator privileges.
  Also, if you are using Windows 8.1 and the [User Account Control] window appears, confirm the contents of the window and then click [Yes].

- Installing Sound Organizer 2 adds the Windows Media Format Runtime module. The added Windows Media Format Runtime module will remain if you uninstall Sound Organizer 2. If Windows Media Format Runtime is preinstalled, however, the module may not be installed.

- Uninstalling Sound Organizer 2 does not delete data in the contents storage folders.

- If you have a computer that has multiple Windows operating systems installed, do not install Sound Organizer 2 on each of the operating systems to avoid possible data inconsistencies.

1 **Access the following Sony Service website from the computer:**

For customers in Europe:
https://www.sony.eu/support
For customers in Latin America:
https://www.sony.com/am/support
For customers in the U.S.A.:
https://www.sony.com/am/support
For customers in Canada:
https://www.sony.com/am/support
For customers in China:
https://service.sony.com.cn
For customers in other countries/regions:
https://www.sony-asia.com/support

2 **Enter [Sound Organizer 2] in the search box to locate the Sound Organizer 2 download page.**

3 **Follow the procedures instructed on the download page to download and then install the Sound Organizer 2.**

Note

- You may need to restart the computer after you installed Sound Organizer 2.

IC Recorder
ICD-TX660

System requirements

To connect your IC recorder to a computer or use it as a USB storage device, the computer must meet the following system requirements.
For using Sound Organizer 2 on the computer, see System requirements for Sound Organizer 2 .

Operating systems

- Windows 10/Windows 8.1

- macOS® (v10.14, v10.15, v11.0)

> **Note**
>
> - The following are not supported:
>   - Operating systems other than the above
>   - Any operating system you installed on a homemade computer
>   - Upgraded operating systems
>   - Multi-boot environments
>   - Multi-monitor environments
>
> - For the latest information on the supported operating systems, visit our support home page (see Customer support websites).

Hardware requirements

- Port: USB port

- Optical disc drive: To create a music CD, you need a CD-R/RW drive.

IC Recorder
ICD-TX660

Technical specifications

| Specifications

Capacity (User available capacity) (*1) (*2)

16 GB (approx. 12.80 GB = 13,743,895,347 Byte)

Maximum number of recorded files (for a folder)

199 files

Maximum number of files (*3)

5,000 files (including folders)

Frequency characteristics

- LPCM 44.1 kHz/16 bit (STEREO): 95 Hz - 20,000 Hz

- MP3 192 kbps (STEREO): 95 Hz - 18,000 Hz

- MP3 128 kbps (STEREO): 95 Hz - 16,000 Hz

- MP3 48 kbps (MONO): 95 Hz - 14,000 Hz

Compatible file formats

MP3 (*4) (*5)

- Bit rate: 32 kbps - 320 kbps (Supports variable bit rate (VBR))

- Sampling frequencies: 16/22.05/24/32/44.1/48 kHz

- File extension: .mp3

WMA (*4) (*6)

- Bit rate: 32 kbps - 192 kbps (Supports variable bit rate (VBR))

- Sampling frequencies: 44.1 kHz

- File extension: .wma

AAC-LC (*4) (*7)

- Bit rate: 16 kbps - 320 kbps (Supports variable bit rate (VBR))

- Sampling frequencies: 11.025/12/16/22.05/24/32/44.1/48 kHz

- File extension: .m4a

LPCM (*4)

- Quantization bit rate: 16 bit

- Sampling frequencies: 44.1 kHz

- File extension: .wav

Built-in speaker

Approx. 10 mm (0.40 inches) dia.

Output jack

Headphones (stereo mini-jack)

- Maximum output level: 5 mW + 5 mW or more
  Load impedance: 16 Ω

- Recommended load impedance: 16 Ω - 32 Ω

USB connector

Type-C port, High-Speed USB compatible

Playback speed control (DPC)

3.00 times - 0.25 times: LPCM/MP3/WMA/AAC-LC

Power output

90 mW

Power requirements

Built-in rechargeable lithium-ion battery: 3.7 V DC

Ambient conditions

- Operating temperature: 5 °C - 35 °C (41 °F - 95 °F)

- Operating humidity: 25% - 75%

- Storage temperature: -10 °C - +45 °C (14 °F - 113 °F)

- Storage humidity: < 75%

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

Approx. 102.0 mm × 20.0 mm × 7.4 mm (4.02 inches × 0.79 inches × 0.30 inches)
(Width/Height/Depth)

Mass

Approx. 29 g (1.03 oz)

Supplied accessories

See Operating Instructions supplied with your IC recorder.

*1   Some of the built-in memory is used for file management.
*2   Applies when the built-in memory is formatted by the IC recorder.
*3   When your IC recorder has many files and folders stored, it may take some time for the display window to turn on after you turn on the IC
     recorder.
*4   Not all encoders are supported.
*5   Playback of the MP3 files recorded by the IC recorder is also supported.
*6   WMA Ver.9 is compatible, however, MBR (Multi Bit Rate), Lossless, Professional, and Voice are not supported.
*7   Copyright-protected files are not available for playback.

Design and specifications are subject to change without notice.

SONY

IC Recorder
ICD-TX660

Maximum recording time

The following lists the maximum recording time (*1) (*2) per memory by recording mode (recording scene). The maximum recording time is estimated, provided that all the folders in the memory are used.

Recording mode (Recording scenes) (*3)	Maximum recording time
LPCM 44.1 kHz/16 bit (STEREO)	21 hours 35 minutes
MP3 192 kbps (STEREO) (Auto Voice Rec/ Pocket/ Meeting/ Lecture)	159 hours
MP3 128 kbps (STEREO) (Voice Notes/ Interview)	238 hours
MP3 48 kbps (MONO)	636 hours

Maximum recordable time for each file (*4)

Recording mode (Recording scenes) (*3)	Maximum recording time
LPCM 44.1 kHz/16 bit (STEREO)	6 hours 45 minutes
MP3 192 kbps (STEREO) (Auto Voice Rec/ Pocket/ Meeting/ Lecture)	12 hours 25 minutes
MP3 128 kbps (STEREO) (Voice Notes/ Interview)	18 hours 35 minutes
MP3 48 kbps (MONO)	49 hours 40 minutes

*1   For long-term continuous recording, a USB AC adaptor (commercially available) is required.
     For details on the battery life, see Built-in rechargeable battery life.
*2   The maximum recording time in this topic indicates an estimation.
*3   Recording scenes associated with the recording mode by default.
*4   If the file size reaches the maximum limit (4 GB for an LPCM file, and 1 GB for an MP3 file) during recording, the file will be divided due to system limitations.

IC Recorder
ICD-TX660

Maximum playback time/number of music files

The following lists the maximum playback time for music files and the number of music files (*) stored in the built-in memory by bit rate.

- **Bit rate: 128 kbps**
  Playback time: 238 hours
  Number of files: 3,570 files

- **Bit rate: 256 kbps**
  Playback time: 119 hours
  Number of files: 1,785 files

*   Provided that MP3 files of 4 minutes each are transferred from a computer for playback.

Note

- When your IC recorder has many files and folders stored, it may take some time for the display window to turn on after you turn on the IC recorder.

IC Recorder
ICD-TX660

Built-in rechargeable battery life

The following lists the battery life (*) for the built-in rechargeable battery by file format.

The battery's life spans provided here are all approximate.

Recording mode	Recording	Recording (while monitoring)	Playback with the built-in speaker	Playback with the headphones
LPCM 44.1 kHz/16 bit (STEREO)	12 hours	10 hours	4 hours	12 hours
MP3 192 kbps (STEREO) (Auto Voice Rec)	9 hours	5 hours	5 hours	15 hours
MP3 192 kbps (STEREO) (Pocket/ Meeting/ Lecture)	17 hours	14 hours	5 hours	15 hours
MP3 128 kbps (STEREO) (Voice Notes/ Interview)	17 hours	14 hours	5 hours	15 hours
MP3 48 kbps (MONO)	17 hours	14 hours	5 hours	15 hours
Music file (MP3 128 kbps)	-	-	5 hours	15 hours

* Measured values acquired under our measurement conditions. The battery life may shorten depending on how you operate the IC recorder.

Battery charge time

The worn-out battery takes about 1 hour to fully charge.

IC Recorder
ICD-TX660

Trademarks

- Microsoft, Windows and Windows Media are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

- macOS is a trademark of Apple Inc., registered in the U.S. and other countries.

- USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

All other trademarks and registered trademarks are trademarks or registered trademarks of their respective holders. Furthermore, "™" and "®" are not mentioned in each case in this Help Guide.

SONY

IC Recorder
ICD-TX660

Customer support websites

Please access the following support home page to get the support information about your IC recorder:

For customers in Europe:
https://www.sony.eu/support
For customers in Latin America:
https://www.sony.com/am/support
For customers in the U.S.A.:
https://www.sony.com/am/support
For customers in Canada:
https://www.sony.com/am/support
For customers in China:
https://service.sony.com.cn
For customers in other countries/regions:
https://www.sony-asia.com/support

Note that recorded files may be deleted during service or repair services.

IC Recorder
ICD-TX660

Troubleshooting

Before taking your IC recorder for repair, check it as follows.

- Check the items listed in [Troubleshooting].

- Charge the IC recorder.
  Some problems may be solved when you charge the built-in rechargeable battery of the IC recorder.

- Restart the IC recorder.

- Check the Sound Organizer 2 help.
  For details on the operation of Sound Organizer 2, refer to the Sound Organizer 2 help.

Should any problem persist after you have made these checks, consult your nearest Sony dealer.
Please access the following support home page to obtain the latest support information about the IC recorder:
For customers in Europe:
https://www.sony.eu/support
For customers in Latin America:
https://www.sony.com/am/support
For customers in the U.S.A.:
https://www.sony.com/am/support
For customers in Canada:
https://www.sony.com/am/support
For customers in China:
https://service.sony.com.cn
For customers in other countries/regions:
https://www.sony-asia.com/support

Note that recorded files may be deleted during repair services.
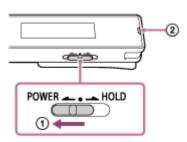
Related Topic
- Charging the battery with a computer
- Using/Charging the IC recorder with the USB AC adaptor
- Restarting the IC recorder
- Customer support websites
- Parts of the Sound Organizer 2 window

IC Recorder
ICD-TX660

Restarting the IC recorder

When a problem persists after you have checked all corrective actions listed in the [Troubleshooting] topics, you may be able to solve the problem by restarting your IC recorder. Slide the POWER・HOLD switch to [POWER] and holding it for 8 seconds or longer (①). When the display window turns off, the restart process begins. Release the POWER・HOLD switch. While the IC recorder is in operation and you restart it, the data that is stored on the IC recorder or the IC recorder settings may be deleted. Before restarting, make sure that the operation indicator (②) is not lit.

IC Recorder
ICD-TX660

The recorded file is noisy and is hard to understand.

- Ambient noise is recorded as well as human voices.
  If you apply the Clear Voice function ([Clear Voice 1] or [Clear Voice 2]) to the playback audio, ambient noise in all frequency bands (noise from projectors or air conditioners, etc.) will be reduced to make human voices distinctive, and you will hear human voices more clearly.
  While playback with the built-in speaker or playback of the files in [♫ Music] is in progress, however, the Clear Voice function does not work.

Related Topic

- Reducing noise in the playback audio to make human voices sound clearer – the Clear Voice function

IC Recorder
ICD-TX660

The recorded file is noisy and you want to record with less noise.

- If you are recording voices, we recommend setting the Scene Select function to [Auto Voice Rec]. This allows for recording at an optimal sensitivity while reducing stationary background noise.

- If you select the Recording Filter function's [NCF(Noise Cut)] or [LCF(Low Cut)], you can reduce noise in the recordings.

Related Topic

- Reducing noise during recording (Recording Filter)
- Selecting a recording scene for an individual situation

IC Recorder
ICD-TX660

A rustling noise is recorded.

- If you accidentally touch your IC recorder or let an object come in contact with it while recording is in progress, rustling noises may be recorded.
Keep your hand away from the IC recorder until you finish recording.

IC Recorder
ICD-TX660

A clipping or breaking noise is recorded.

- A clipping or breaking noise may be recorded if your IC recorder is placed extremely close to an AC power source, a fluorescent lamp, a computer, a mobile phone, or a smartphone during recording or playback.
Keep the IC recorder away from such devices when recording.

IC Recorder
ICD-TX660

You hear noise when using the headphones (not supplied) for playback.

- The plug of the connected headphones is dirty.
Clean the plug.

IC Recorder
ICD-TX660

You hear noise during playback even with the Clear Voice function turned on.

- While playback with the built-in speaker or playback of the files in [🎵 Music] is in progress, the Clear Voice function does not work.

SONY

IC Recorder
ICD-TX660

The IC recorder does not turn on or pressing any button does not work.

- The built-in rechargeable battery in the IC recorder is running out of power. Charge the built-in rechargeable battery.

- Your IC recorder is turned off.
  Slide the POWER・HOLD switch to [POWER] and hold it until the display window turns on.

- Your IC recorder is placed in the HOLD state.
  Slide the POWER・HOLD switch to the center dot.

Related Topic

- Charging the battery with a computer
- Using/Charging the IC recorder with the USB AC adaptor
- Turning the power on
- Parts and controls
- Releasing the IC recorder from the HOLD state

IC Recorder
ICD-TX660

The IC recorder does not turn off.

- Slide and hold the POWER・HOLD switch to [POWER] and hold it until [Power Off] appears on the display window.

Related Topic

- Turning the power off
- Parts and controls

5-025-099-11(1) Copyright 2021 Sony Corporation

IC Recorder
ICD-TX660

The IC recorder automatically turns off.

- When your IC recorder is leaved unused for a certain length of time, the Auto Power Off function will take effect and the IC recorder will automatically turn off. (By default, the Auto Power Off function is set to [10 Min].) You can change the current setting with the Settings menu.

- When the time period that is specified for the sleep timer expires, your IC recorder automatically turns off. (By default, the sleep timer is set to [OFF].)

Related Topic

- Using the sleep timer (Sleep Timer)
- Setting the time period before the IC recorder automatically turns off (Auto Power Off)

SONY

IC Recorder
ICD-TX660

The battery life of the IC recorder is short.

- [Screen Off Timer] is set to [No Auto Screen Off].
  You can save battery power by selecting the time it takes from the last IC recorder operation until the screen display turns off ([15 Sec], [30 Sec], [1 Min], [3 Min], or [5 Min]).

- The battery life values listed in this Help Guide are measured values acquired under our measurement conditions and may shorten depending on the usage of your IC recorder.

- Your IC recorder still consumes slight battery power while no operations are in progress. If you do not intend to use the IC recorder for an extended period of time, it is recommended that you turn the power off. It is also recommended that you set [Auto Power Off] to a shorter period of time. This will help you save battery power in case you forget to turn off the power of the IC recorder.

- When you start charging the built-in rechargeable battery of your IC recorder, the battery indicator appears quickly on the display window. However, this does not indicate that the battery is fully charged. When the battery is running out of power, it takes about 1 hour to fully charge the battery.

- When you have not used your IC recorder for an extended period of time, repeat charging and discharging (by operating the IC recorder) for several times.

- You are using your IC recorder under the temperature of 5 °C (41 °F) or below where the battery wears quickly. This is due to the characteristics of the battery and does not indicate a malfunction.

- The built-in rechargeable battery is deteriorated.
  The rechargeable battery is capable of charging about 500 times but the rechargeable times vary depending on the usage of your IC recorder. If the fully charged battery wears out in half the time it normally does, it indicates that the battery is deteriorated. Consult your nearest Sony dealer.

Related Topic
- Turning the power off
- Setting the time period before the IC recorder automatically turns off (Auto Power Off)
- Using the screen off timer
- Built-in rechargeable battery life

IC Recorder
ICD-TX660

You cannot charge the battery by connecting the IC recorder to your computer.

- The power charging connector of cables other than the supplied USB Type-C cable may not fit. Use the supplied USB Type-C cable.

- When your IC recorder is connected to a computer which is not running, the battery will not charge. When the computer is in a power saving mode (standby or sleep), it will not charge, either.

- Disconnect your IC recorder from the computer and connect it once again.

- The USB Type-C cable is not properly connected.

- Check the system requirements of your IC recorder.

- Charge the battery under the temperature of 5 °C - 35 °C (41 °F - 95 °F).

- When using a USB Type-C cable (commercially available), use one of the USB compliant cables that are designed for data transfer and with a 56 k ohm resistor.

- When a USB hub or USB extension cable (commercially available) is used for power connection, connect the supplied USB Type-C cable to your IC recorder, and then connect the cable directly to the USB hub or USB extension cable.

Related Topic
- Charging the battery with a computer
- System requirements

IC Recorder
ICD-TX660

The battery indicator does not appear on the display window or it disappears in the middle of charging.

- The supplied USB Type-C cable is not properly connected to the USB port on your IC recorder.

IC Recorder
ICD-TX660

The charge error indicator is flashing where the battery indicator should be displayed.

- If ⬚ (thermometer icon) appears and flashes instead of the battery indicator, the ambient temperature is out of the range for charging the battery.
Charge the battery under the temperature of 5 °C - 35 °C (41 °F - 95 °F).

IC Recorder
ICD-TX660

The IC recorder does not operate correctly.

- You may have formatted the built-in memory of your IC recorder with a computer.
  Be sure to use the IC recorder for formatting.

Related Topic

- Formatting the memory (Format)

IC Recorder
ICD-TX660

The operation of the IC recorder slows down.

- When your IC recorder has many files and folders stored, its operation slows down. When the total number of files and folders stored on the IC recorder is high, it may take some time for the IC recorder to process a recording regardless of its length.

IC Recorder
ICD-TX660

The operation indicator does not light.

- [LED] is set to [OFF].
Set [LED] to [ON].

Related Topic

- Turning the operation indicator on or off (LED)

IC Recorder
ICD-TX660

You cannot record a file.

- The remaining recording time is insufficient.

Related Topic

- Checking the remaining recording time (Available Rec. Time)

IC Recorder
ICD-TX660

Recording is interrupted.

- The VOR function is turned on. To turn off the VOR function, set [VOR] to [OFF].

Related Topic

- Recording automatically in response to the input sound volume – the VOR function

IC Recorder
ICD-TX660

The VOR function does not work.

- The effect of the VOR function depends on the surrounding environment conditions. Change the sensitivity level of the built-in microphones to suit your conditions. For specifying the sensitivity level of the built-in microphones, see Selecting the sensitivity level of the built-in microphones (Mic Sensitivity).
  If an expected recording is not made with the changed sensitivity level of the built-in microphones or before you make a recording of importance, select [OFF] for [VOR] on the OPTION menu.

Related Topic
- Recording automatically in response to the input sound volume – the VOR function

IC Recorder
ICD-TX660

Input sounds are distorted.

- Too loud sounds are included in input. If input sounds are distorted, it is recommended that you move your IC recorder further away from the sound source or lower the sensitivity level of the built-in microphones.

IC Recorder
ICD-TX660

The playback volume is low.

- The built-in speaker is provided mainly for checking recorded audio files. If you find the volume not loud enough or have difficulty in understanding what you hear, use headphones (not supplied) or active speakers (not supplied).

- The recording volume may have been low. Check the sensitivity level of the built-in microphones or the Scene Select setting to see if it was suitable for the recording situation when the recording was made.

Related Topic

- Selecting the sensitivity level of the built-in microphones (Mic Sensitivity)
- Selecting a recording scene for an individual situation
- Tips for better recording

IC Recorder
ICD-TX660

You hear no sound from the built-in speaker.

- Headphones are connected to your IC recorder. Disconnect the headphones.

- [Speaker Output] is set to [OFF (Mute)] on the HOME menu. Change it to [ON].

Related Topic
- Turning on or off the speaker output (Speaker Output)

IC Recorder
ICD-TX660

You hear sound from the built-in speaker even when headphones (not supplied) are connected.

- When the headphones connection is loose, you may hear sound from the built-in speaker as well. Disconnect the headphones and connect them once again.

IC Recorder
ICD-TX660

The Equalizer function does not change sound quality.

- While playback is in progress with the built-in speaker, the Equalizer function does not work.

IC Recorder
ICD-TX660

Playback speed is too fast or too slow.

- The DPC(Speed Control) setting is set to [ON], and you have changed the playback speed.
Set the DPC(Speed Control) setting to [OFF], or change the playback speed to normal.

Related Topic
- Adjusting the playback speed – the DPC(Speed Control) function

IC Recorder
ICD-TX660

You cannot move to the next or previous file.

- Your IC recorder is in time jump mode. Press JUMP to enter normal play mode.

- You cannot move to the next or previous file while the A-B repeat function is active.

Related Topic
- Quickly locating your desired portion of a recording (Time Jump)

IC Recorder
ICD-TX660

You cannot use A-B repeat.

- While in time jump mode, you cannot use A-B repeat.

Related Topic
- Quickly locating your desired portion of a recording (Time Jump)

IC Recorder
ICD-TX660

You cannot do time jump.

- Your IC recorder is in normal play mode. Press JUMP to enter time jump mode.

- You cannot use the time jump function while the A-B repeat function is active.

Related Topic
- Quickly locating your desired portion of a recording (Time Jump)

IC Recorder
ICD-TX660

Time jump ±10% does not match the value of the file time divided by 10.

- Since the smallest unit on the counter display is 1 second, when a file is divided by 10, the time may be off by less than a fraction of 1 second.

- Depending on the type of Codec (such as a variable bit rate (VBR) file), the 10 divided positions may not be the same as the total playback time divided into 10 equal parts.

Related Topic

- Quickly locating your desired portion of a recording (Time Jump)

SONY

IC Recorder
ICD-TX660

You cannot divide a file.

- You need a certain amount of free space in the built-in memory to divide a file.

- Because of the system limitations, you may not be able to divide a file at the very beginning or at the very end of the file.

- You cannot divide files other than those recorded by the IC recorder (e.g. a file transferred from a computer).

- While playback of a file is in progress, you cannot divide the file.

Related Topic

- Deleting a file

IC Recorder
ICD-TX660

You cannot move a file.

- You cannot move files in [♪ Music] to another folder in the built-in memory.

IC Recorder
ICD-TX660

You cannot copy a file to a different folder.

- You cannot copy files in [♩ Music] to another folder in the built-in memory.

IC Recorder
ICD-TX660

Track marks are not detected.

- Your IC recorder may fail to detect the track marks that are added by any IC recorder model other than ICD-TX660. Use Sound Organizer 2 to copy such a file to the IC recorder.

IC Recorder
ICD-TX660

The folder or file you created is not displayed.

- If you have created a folder or file on the computer, your IC recorder may fail to detect it depending on where you created it. For more information, see Structure of folders and files.

SONY

IC Recorder
ICD-TX660

The display window turns off too soon.

- You can change the screen off timer setting to make the display screen stay longer. When [Screen Off Timer] is set to [No Auto Screen Off], the battery wears quickly.

Related Topic
- Using the screen off timer

IC Recorder
ICD-TX660

The remaining recording time on the display window is shorter than the one displayed on the computer.

- As the remaining recording time on the display window is calculated by subtracting the memory capacity required for system operations from the remaining built-in memory capacity, it may not be consistent with the one that Sound Organizer 2 shows on the computer.

IC Recorder
ICD-TX660

The [Memory Full] message appears and you cannot start recording.

- The memory is full.
Delete unnecessary files, or copy some files to a computer and delete the files.

Related Topic

- Deleting a file

IC Recorder
ICD-TX660

The [File Full] message appears and you cannot operate the IC recorder.

- When the total number of folders and files stored on the built-in memory exceeds 5,000, no more recording or file copying is available.
Delete unnecessary files or copy some files to a computer, and then delete the files.

Related Topic

- Deleting a file

IC Recorder
ICD-TX660

A folder or file name appears in unreadable characters.

- Some characters you use on Windows Explorer or Mac Finder are not supported by your IC recorder. Folder and file names containing such characters appear in unreadable characters on the IC recorder.

IC Recorder
ICD-TX660

Copying a file takes time.

- If the size of a file is large, it takes a considerable time to finish copying. Wait until the copying finishes.

IC Recorder
ICD-TX660

The IC recorder is not detected by the computer and you cannot transfer folders/files from the computer.

- Disconnect your IC recorder from the computer and connect it once again.

- When your IC recorder is connected to the computer by a USB hub or a USB extension cable along with the supplied USB Type-C cable, use only the supplied USB Type-C cable for the connection.

- With the computer that does not meet the system requirements described in this Help Guide, successful operations are not guaranteed.

- Your IC recorder may not be detected by the computer, depending on the USB port. Try another USB port on the computer.

- When using a USB Type-C cable (commercially available), use one of the USB compliant cables that are designed for data transfer and with a 56 k ohm resistor.
Do not use the USB Type-C cable that is designed exclusively for power charging and not capable of data communication.

Related Topic
- Disconnecting the IC recorder from the computer
- Connecting the IC recorder to a computer
- System requirements
- System requirements for Sound Organizer 2

IC Recorder
ICD-TX660

The file you transferred from the computer does not appear on the IC recorder and you cannot play the file.

- Your IC recorder is capable of displaying up to 8 folder levels.

- Your IC recorder supports the LPCM (.wav), MP3 (.mp3), WMA (.wma), and AAC-LC (.m4a) formats. Files in other formats may not be detected by the IC recorder. See the technical specifications of your IC recorder.

- Your IC recorder is capable of detecting up to 5,000 folders and files all together in total. Delete unnecessary files and folders or copy some files to a computer and delete the files.

- If you have created a folder or file on the computer, your IC recorder may fail to detect it depending on where you created it. For more information, see Structure of folders and files.

Related Topic
- Technical specifications

IC Recorder
ICD-TX660

The computer does not start.

- If you start the computer with your IC recorder connected to the computer, the computer may freeze or may not start properly.
Disconnect the IC recorder from the computer and start the computer once again.

Related Topic

- Disconnecting the IC recorder from the computer

IC Recorder
ICD-TX660

You cannot install Sound Organizer 2.

- The capacity of the computer's local disk is insufficient.
  Check the local disk capacity.

- You cannot install Sound Organizer 2 on the computer with the operating system that is not supported by the software.
  Install the software on the computer with the supported operating system.

- You have logged on to Windows 8.1 or Windows 10 with a Guest account.
  Make sure to log on with a user name with computer administrator privileges.

Related Topic
- System requirements for Sound Organizer 2

5-025-099-11(1) Copyright 2021 Sony Corporation

IC Recorder
ICD-TX660

The IC recorder is not detected by Sound Organizer 2.

- Check if the software is successfully installed, and then check the connections with your IC recorder as follows:
  - When your IC recorder is connected to the computer by a USB hub or a USB extension cable along with the supplied USB Type-C cable, use only the supplied USB Type-C cable for the connection.
  - Try another USB port on the computer.

- The computer may be placed in sleep/hibernate mode.
  Change the power saving mode settings to keep the computer in normal mode.

- Save a backup copy of all of the data stored on the built-in memory of your IC recorder to the computer, and then format the built-in memory with the IC recorder.

Related Topic
- Formatting the memory (Format)

IC Recorder
ICD-TX660

The playback volume of the computer is low or you hear no audio from the computer.

- The computer has no sound board.

- The computer has no built-in speakers or no external speakers are connected.

- The volume of the computer is turned off.

- Turn up the volume of the computer. (Refer to the instruction manual of the computer.)

- You can change the volume of WAV files and save them using the Increase Volume feature of the Microsoft Sound Recorder.

IC Recorder
ICD-TX660

You cannot play or edit stored files.

- Sound Organizer 2 is only capable of playing files in the supported format. Depending on the file format, you cannot use part of editorial features of the software. Refer to the help files of Sound Organizer 2.

Related Topic
- Parts of the Sound Organizer 2 window

IC Recorder
ICD-TX660

The counter or slider does not operate correctly or you hear noise.

- You may be attempting to play one of the divided files.
  Save the file on the computer (*), and then transfer it to your IC recorder. The file data will be optimized.
  *   Select one of the file formats supported by the IC recorder to save the file.

Related Topic
- Technical specifications

IC Recorder
ICD-TX660

The operation of the IC recorder slows down.

- When your IC recorder has many files and folders stored, its operation slows down. When the total number of files and folders stored on the IC recorder is high, it may take some time for the IC recorder to process a recording regardless of its length.

IC Recorder
ICD-TX660

The computer seems to freeze while a file is being saved, added, or deleted.

- It takes a longer time to copy or delete a large file.
  Wait until the copying or deleting finishes. After completing operations, the display works normally.

IC Recorder
ICD-TX660

Sound Organizer 2 freezes during start-up.

- While the computer is accessing your IC recorder, do not disconnect the cable. Disconnection may cause unstable computer operations or corruption of the data stored on the IC recorder.

- There may be a conflict between Sound Organizer 2 and another driver or application.

IC Recorder
ICD-TX660

List of messages

HOLD… Slide HOLD Switch to Activate.

All the buttons are disabled because your IC recorder is in the HOLD state to prevent unintentional operations. Slide the POWER・HOLD switch to the center dot to release the IC recorder from the HOLD state.
(See Releasing the IC recorder from the HOLD state.)

Low Battery Level

You cannot format the memory or delete all the files in a folder because of insufficient battery power. Charge the built-in rechargeable battery of your IC recorder.
(See Charging the battery with a computer.)

Charge Battery

The battery is worn out. Charge the built-in rechargeable battery of your IC recorder.
(See Charging the battery with a computer.)

Memory Full

The remaining capacity of the built-in memory is insufficient. Delete some files and repeat the recording once again.
(See Deleting a file.)

File Full

The sum of folders and files or the total number of files has reached the limit. You cannot create any more files. Delete some files and create the file once again.
(See Deleting a file.)

Setting Limit Reached

The folder name you selected is already used. Change the folder name.
(See Changing a folder name.)

Track Marks are Full

The number of track marks has reached the limit. You cannot add any more track marks. Delete some unnecessary track marks.
(See Deleting a track mark.)

Built-In Memory Needs to be Formatted

- The built-in memory has been formatted by a computer. Your IC recorder cannot create the required management file for operations. Make sure that you use the IC recorder, not a computer, to format the built-in memory.
(See Formatting the memory (Format).)

- The built-in memory does not contain the REC_FILE folder. Formatting the built-in memory automatically creates the REC_FILE folder.
(See Formatting the memory (Format).)

Process Error

- Slide the POWER・HOLD switch on your IC recorder to [POWER] and holding it for 8 seconds or longer to restart the IC recorder. If this does not work, make a backup copy of your necessary data, and then format the built-in memory.
(See Restarting the IC recorder.)
(See Formatting the memory (Format).)

- A file system error was detected in the built-in memory. It may have been formatted by a computer. Use your IC recorder to format the built-in memory.
  (See Formatting the memory (Format).)

- If the above actions do not work, consult your nearest Sony dealer.

No File

The folder you selected does not contain any files. There is no file that you move or copy.

No Track Marks

The file you selected does not have any track marks that you can delete. Selecting [At All Track Marks] for [Divide] with the OPTION menu does not work, either.

Cannot Add Additional Folders

- The sum of folders and files has reached the limit. You cannot create any more folders. Delete some folders or files and create the folder once again.
  (See Deleting a file.)
  (See Deleting a folder.)

- The sequential number of the folder name has reached the limit. Delete unnecessary folders and create the folder once again.
  (See Deleting a folder.)

Could Not Create Folder

A file system error was detected in the built-in memory. It may have been formatted by a computer. Use your IC recorder to format the built-in memory.
(See Formatting the memory (Format).)

Could Not Delete Folder

A file system error was detected in the built-in memory. It may have been formatted by a computer. Use your IC recorder to format the built-in memory.
(See Formatting the memory (Format).)

File Protected

The file you selected is protected or [read-only]. You cannot delete the file. Use your IC recorder to remove the protection from the file, or use a computer to clear the read-only property.
(See Protecting a file.)

Protected Files Not Deleted

The file you selected is protected or [read-only]. Use your IC recorder to remove the protection from the file, or use a computer to clear the read-only property, and then delete the file once again.
(See Protecting a file.)

Some Data Not Deleted

If the selected folder contains sub-folders, the sub-folders and their files will not be deleted.

Unknown Data

- This data is not in a file format that is supported by your IC recorder. The IC recorder supports LPCM (.wav)/MP3 (.mp3)/WMA (.wma)/AAC-LC (.m4a) files.
  (See Technical specifications.)

- You cannot play back copyright protected files.

- The file you selected is corrupted. You cannot play or edit it.

File in Format That Does Not Allow Editing

- You cannot divide the file that you edited using an application other than Sound Organizer 2.

- This data is not in a file format that is supported by your IC recorder. The IC recorder supports LPCM(.wav)/MP3 (.mp3)/WMA(.wma)/AAC-LC(.m4a) files.
  (See Technical specifications.)

Invalid Operation

- A file system error was detected in the built-in memory. It may have been formatted by a computer. Use your IC recorder to format the built-in memory.
  (See Formatting the memory (Format).)

- The built-in memory has a bad block. You cannot write data on the memory. You need to repair your IC recorder.

- The remaining capacity of the built-in memory is insufficient. You cannot rename any folder or file. Delete unnecessary folders or files and repeat the operation once again.
  (See Deleting a folder.)
  (See Deleting a file.)

- The sequential number of the folder or file name has reached the limit. Delete unnecessary folders or files and repeat the operation once again.
  (See Deleting a folder.)
  (See Deleting a file.)

- The file name exceeds the maximum number of characters. You cannot divide the file. Shorten the file name.

- There is a track mark immediately before or after the point where you want to divide the file. Selecting [At All Track Marks] for [Divide] with the OPTION menu does not work.

- There is a track mark near the beginning or end of the file. Selecting [At All Track Marks] for [Divide] with the OPTION menu does not work.

- You cannot divide the file at a point near the beginning or end of the file.

- There is a file with the same name that has track marks. You cannot move, copy, or divide the file.

New File

The recording file has reached the maximum size limit (4 GB for an LPCM file, and 1 GB for an MP3 file). The file will be divided automatically and recording will continue as a new file.

Cannot Divide - Exceeds Max Number of Files in Folder

The sum of files in a folder or the total number of files will exceed the limit. You cannot divide the file. Delete unnecessary files and divide the file once again.
(See Deleting a file.)

Same File Name Exists

There already is a file with the same name. You cannot create more than one file with the same name.

Operation Invalid While Playing

You have selected a menu item on the OPTION or Settings menu that is not available for execution during playback. Stop playback and select the item once again.

Operation Invalid While Recording

You have selected a menu item on the OPTION or Settings menu that is not available for execution during audio recording. Stop recording and select the item once again.

Speaker Output is OFF

[Speaker Output] is set to [OFF (Mute)] on the HOME menu. You cannot adjust the volume. Change it to [ON] or connect headphones to your IC recorder, and then try again.

(See Turning on or off the speaker output (Speaker Output).)

(See Turning on or off the speaker output (Speaker Output).)

IC Recorder
ICD-TX660

System limitations

Due to some system limitations on your IC recorder, you may encounter the following issues that do not indicate malfunctions.

Music files are not displayed in the sequence you expected or you cannot play them in that sequence.

The music files you transferred from a computer to your IC recorder are sorted by meta-data track number or file name.

A recording file is divided automatically.

If the file size reaches the maximum limit (4 GB for an LPCM file, and 1 GB for an MP3 file) during recording, the file will be divided and some of the recording may be lost around the divided point.

All characters appear in uppercase.

Depending on the character combination, the folder name you entered on a computer may appear in uppercase on your IC recorder.

Unreadable characters or ☐ (square) appear in the folder, title, artist, or file name.

You used the characters that your IC recorder is not capable of displaying. Do not use 2-byte characters.

The A-B repeat segment you specified is not where you intended.

This may occur in some files.

The remaining recording time decreases when you divide a file.

Your IC recorder uses some memory space for managing divided files, resulting in a decrease in the remaining recording time.