SONY

数码录音棒

使用说明书

ICD-SX2000

4-579-961-**12**(1)

使用产品前请仔细阅读本使用说明书，并请妥善保管。

参阅帮助指南

您可通过本使用说明书获取有关IC录音机的基本操作说明。
帮助指南为在线手册。
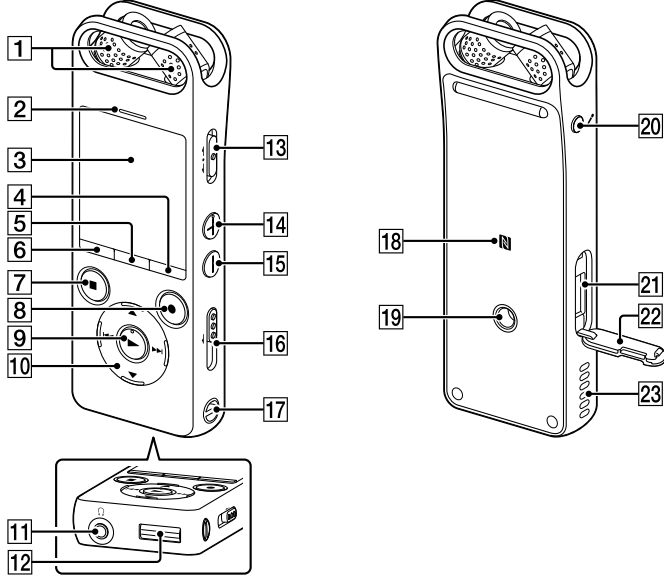如果您希望了解进一步详情、操作方法以及遇到问题时可能的解决办法，请参阅帮助指南。

http://rd1.sony.net/help/icd/s20/h_cn/

检查附件

- IC录音机（1）
- 便携包（1）
- 防风罩（1）
- USB连接补助电缆（1）
- 使用说明书（本页）
- 保修卡

选购附件
- USB AC适配器AC-UD10

部件和控制按钮

1 内置话筒
2 峰值指示灯
3 显示窗口
4 OPTION按钮
5 T-MARK（曲目标记）按钮
6 BACK/HOME按钮
7 ■STOP按钮
8 ●REC/PAUSE（录音/暂停）按钮、录音指示灯
9 ► （播放/确认）按钮*1
10 控制按钮（▲ DPC（Digital Pitch Control）、▼ A-B（重复A-B）、|◄◄（回放/快退）、►►|（提示/快进））
11 ⌒ （耳机）插孔
12 USB接口盖（盖后面为USB接口。）
13 POWER•HOLD开关*2
14 VOL +（音量+）按钮*1
15 VOL -（音量-）按钮
16 USB滑杆
17 腕带孔（本IC录音机未随带腕带。）
18 Ⓝ（N标志）（将支持NFC的智能手机放至此标志处，可建立NFC配对。）
19 三脚架安装孔（本IC录音机未随带三脚架。）
20 ↖（话筒）插孔
21 microSD卡槽（卡槽位于槽盖下面。）
22 槽盖
23 内置扬声器

*1 ► （播放/确认）按钮及VOL +（音量+）按钮带有触觉点。可将这些触觉点作为操作时调整的参考点。

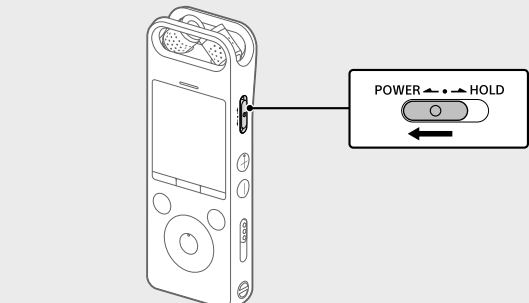*2 将POWER•HOLD开关滑至"POWER"并拨住达8秒钟或以上，将重新启动IC录音机。有关详细说明，请参阅帮助指南。

充电
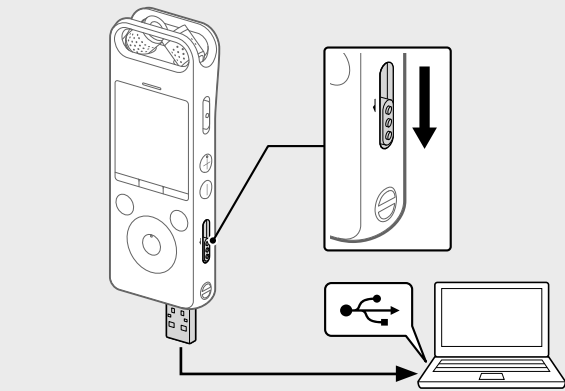
① 给IC录音机充电。
按箭头方向滑动USB滑杆，将USB接口插入正在运行的电脑的USB端口。
当电池完全充满电后，电池电量指示显示"FULL"。

② 断开IC录音机。
确保在窗口中不再显示信息"正在访问"。然后参照帮助指南安全地取下IC录音机。

打开电源

朝"POWER"方向滑动并按住POWER•HOLD开关，直到出现窗口画面为止。
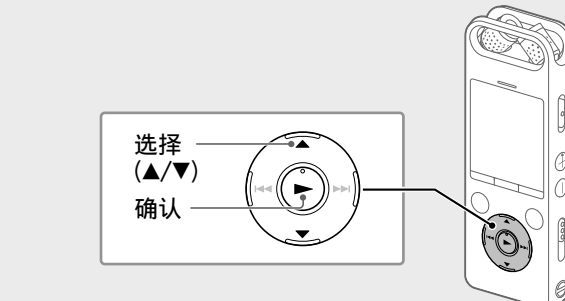若要关闭电源，请朝"POWER"方向滑动并按住POWER•HOLD开关，直到显示窗口中出现"关机"为止。

防止误操作（HOLD）
朝"HOLD"方向滑动POWER•HOLD开关。

💡 若要释放IC录音机的HOLD状态，请朝中心位置滑动POWER•HOLD开关。

进行初始设置

当您首次打开IC录音机电源时，显示窗口中会出现"配置初始设置"画面。然后，您即可以选择显示语言、设置时钟及开启/关闭提示音。

① 选择"是"开始初始设置。

② 选择显示语言。
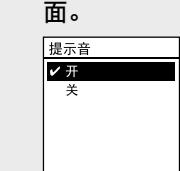可以从下语言中进行选择：
简体中文*，English
* 默认设置

③ 设置当前年份、月份、日期、小时和分钟
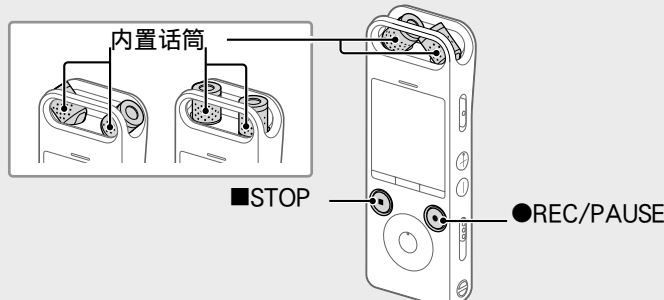
💡 若要返回上一时钟设置项，请按BACK/HOME。

④ 选择"下一步"。
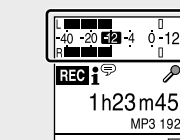
⑤ 选择"开"或"关"，开启或关闭提示音。
完成初始设置后，将显示完成消息，随即显示主菜单画面。

📝 注
您可以稍后在任意时间更改初始设置。有关详细说明，请参阅帮助指南。

录音

💡
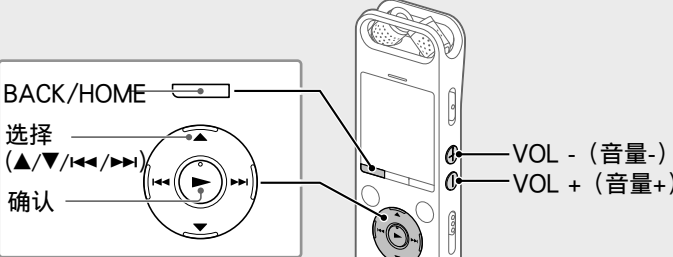- 使用IC录音机之前，确保POWER•HOLD开关位于中心点位置。
- 通过在选项菜单中选择"场景选择"，可以选择适合各种环境的录音场景。

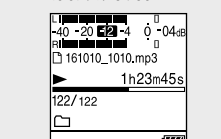① 用指尖调整IC录音机内置话筒的角度，使其指向录音源的方向。

② 按●REC/PAUSE。
录音开始。录音指示灯呈红色亮起。

在录音中，会显示峰值电平计，用于帮助您调整录音电平（Ⓐ）。
请调整内置话筒的方向、声源距离或话筒灵敏度设置，使录音电平接近-12 dB，该值较适合最佳录音，如上图所示。

③ 按■STOP停止录音。
屏幕上先出现"请稍候"，随即显示录音待机画面。
在停止录音之后，通过按 ► 可播放刚录制的文件。

聆听

BACK/HOME
选择（▲/▼/|◄◄/►►|）
确认
VOL -（音量-）
VOL +（音量+）

① 从主菜单中选择"□ 录音文件"。

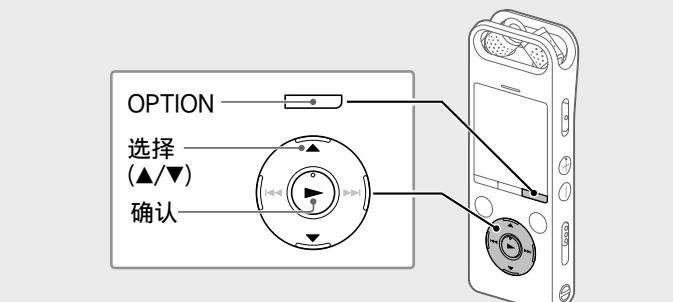② 选择"最新录音"、"按录音日期搜索"、"按录音场景搜索"或"文件夹"。

③ 选择所需的文件。
播放开始。

④ 按VOL +或VOL -调整音量。

⑤ 按■STOP停止播放。

添加曲目标记
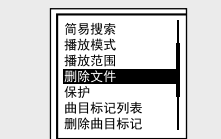您可在稍后想要分割文件或确定播放位置的点位添加曲目标记。每个文件最多可以添加98个曲目标记。
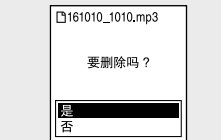也可在录音过程中添加曲目标记。

删除

📝 注
文件一旦删除，则无法恢复。

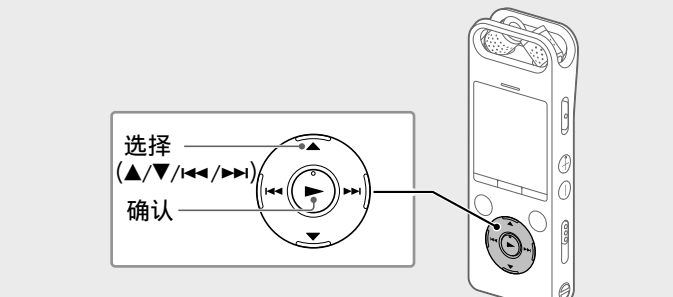① 从录音文件列表中选择要删除的文件或播放要删除的文件。

② 从选项菜单中选择"删除文件"。

屏幕将出现"要删除吗？"，同时播放选中的文件以供确认。

③ 选择"是"。

屏幕将出现"请稍候"，直到选中的文件被删除。

使用智能手机进行操作(REC Remote)

借助IC录音机的蓝牙功能，即可使用智能手机操作IC录音机（录音、更改录音设置等）。

使用智能手机操作IC录音机
您需要在智能手机上安装REC Remote，并与IC录音机之间建立蓝牙配对。

① 请在以下网站中搜索"REC Remote"并将其安装到您的智能手机中。
对于 Android™ 系统：http://www.sonystyle.com.cn
对于 iPhone：App Store

② 在IC录音机上，从主菜单中选择"REC Remote" - "添加设备(配对)"，然后遵照画面上的指示打开蓝牙功能。

③ 在智能手机上，启动REC Remote并从可用设备列表中选择"ICD-SX2000"（您的IC录音机）。有关详细说明，请参阅REC Remote的帮助以及智能手机附带的手册。
现在即可通过智能手机来操作IC录音机。

打开或关闭IC录音机的蓝牙功能
① 从主菜单中选择"REC Remote" - "Bluetooth 打开/关闭"。

② 若要打开蓝牙功能，请选择"开"。若要关闭蓝牙功能，请选择"关"。

使用主菜单

您可使用主菜单进行多种操作，包括定位和播放录音文件以及更改IC录音机的设置。
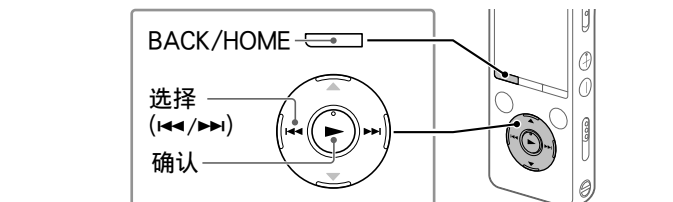
BACK/HOME
选择（|◄◄/►►|）
确认

① 按住BACK/HOME。
出现主菜单画面。

主菜单项由以下顺序排列。

🎵 ➡ 📄 ➡ 🎤 ➡ 🖥 ➡ ⚙ ➡ ↩
音乐　录音文件　录音　REC Remote　设置　返回XX*
*当前正在使用的功能显示在"XX"中。

② 请选择以下所需的功能。

🎵 音乐	可选择一个从电脑导入的文件并进行播放。若要定位音乐文件，请选择"所有歌曲"、"专辑"、"演出者"或"文件夹"
📄 录音文件	可选择一个用IC录音机录制的文件并进行播放。若要定位录音文件，请选择"最新录音"、"按录音日期搜索"、"按录音场景搜索"或"文件夹"
🎤 录音	可显示录音待机画面，然后开始录音。
🖥 REC Remote	可显示使用蓝牙功能的REC Remote菜单画面。
⚙ 设置	可显示设置菜单画面并更改IC录音机上的各种设置。
↩ 返回XX*	可返回到在主菜单画面之前所显示的画面。*当前正在使用的功能显示在"XX"中。

💡 按■STOP将返回到进入主菜单之前所显示的画面。

使用选项菜单

您可使用选项菜单执行多种功能，包括更改IC录音机的设置。实际可用的项目因场景而异。
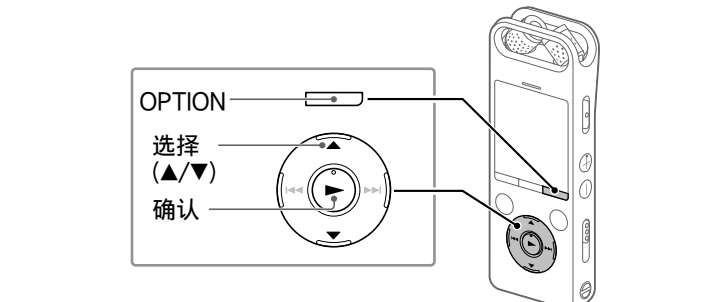
OPTION
选择（▲/▼）
确认

① 从主菜单选择所需的功能，然后按OPTION。
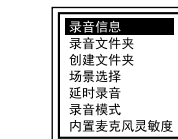
② 选择要更改其设置的菜单项。

③ 选择所需的设置选项。

将文件从IC录音机复制到电脑

可以将IC录音机的文件和文件夹复制到电脑上进行保存。

① 遵照"充电"部分的说明，将IC录音机连接到电脑上。

② 将要复制的文件或文件夹从"IC RECORDER"或"MEMORY CARD"拖放到电脑的本地磁盘上。

③ 将IC录音机从电脑上断开。

安装Sound Organizer 2

在电脑上安装Sound Organizer。
Sound Organizer允许您在IC录音机和电脑之间交换文件。还可以播放从音乐CD或其他介质导入的歌曲、导入到电脑中的MP3及其他音频文件，并将其传输到IC录音机上。

📝 注
- Sound Organizer仅支持Windows电脑。它不支持Mac。
- 本IC录音机支持Sound Organizer 2。

安装Sound Organizer时，需用具有管理员权限的帐户登录。

① 从您的电脑访问以下Sony服务网站：
http://service.sony.com.cn/

② 在上面的网站中，在搜索框中输入"Sound Organizer 2"查找Sound Organizer下载页面。

③ 按照下载页面上的指示下载并安装Sound Organizer。

注意事项

电源
仅限使用3.7 V DC和内置可充电锂电池操作本机。

安全
驾车、骑车或操作任何机动车时请勿操作本机。

操作管理
- 请勿将本机靠近热源或放置于阳光直射、灰尘很多或有机械振动的地方。
- 若有任何固体或液体落入本机，在进一步操作前，应请有资格的人员进行检查。
- 当使用IC录音机时，为了避免引起外壳翘曲或IC录音机故障，请遵守以下注意事项。
  - 请取出揣于后裤袋中的IC录音机后再坐下。
  - 将IC录音机放入袋中时，切勿将耳机线缠绕在播放器上并让袋子受到强烈冲击。
- 小心，不要让水溅到本机上。本机不防水功能。在以下情况下应特别注意。
  - 将本机放入口袋并使用洗手间等设施时。
  - 如果弯腰，机器可能会落入水中而被弄湿。
  - 在易受雨雪、湿气很强的环境中使用本机。
  - 在闷热的汗湿的环境中，需用湿手触摸本机或将本机置于汗湿的口袋中，可能会使本机受潮。
- 以高音量收听可能会影响您的听力。为了交通安全，请勿在驾车或骑车时使用本机。
- 在周围空气非常干燥的情况下使用耳机可能会感到耳痛。这不是耳机问题，而是由于身体中积累的静电所致。可以身着防止产生静电的非合成纤维类衣物减少静电。

噪音
- 当本机放置于AC电源、荧光灯或手机旁进行录音或播放时，可能听到噪音。
- 当手指等物体在录音期间擦刮本机时，可能会录下噪音。

维护
清洁本机外表面时，请使用稍微蘸水的软布。然后用干燥的软布擦拭外表面。请勿使用酒精、汽油或稀释剂。
如果对本机有任何疑问或问题，请向最近的Sony经销商咨询。

警告

请勿将电池（已安装的电池组或电池）长时间暴露于例如阳光，火等极热的地方。

注意

锂电池用户不可自行更换，如电池损坏需要更换，请联系专业人员。

不得擅自更改发射频率、加大发射功率（包括额外加装射频功率放大器），不得擅自外接天线或改用其它发射天线。
使用时不得对各种合法的无线电业务产生有害干扰。
一旦发现有干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用。
使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰。
不得在飞机和机场附近使用。

使用频率：2400 - 2483.5 MHz
等效全向辐射功率(EIRP)：≤20 dBm

规格

容量（可用容量*1*2）
16 GB（约12.80 GB＝13743895347字节）

最长录音时间（内置存储器）
所有文件夹的最长录音时间如下。

LPCM 96 kHz/24 bit	6小时35分钟
LPCM 44.1 kHz/16 bit	21小时35分钟
MP3 320 kbps	95小时25分钟
MP3 192 kbps*3	159小时
MP3 128 kbps	238小时
MP3 48 kbps (MONO)	636小时

📝 注
如果要长时间连续录音，您可能需要一个USB AC适配器（未附带）。有关电池使用寿命的详情，请参阅"电池使用寿命"。
本文的最长录音时间仅供参考。

电池使用寿命（内置可充电锂电池）(JEITA)*4*5

	录音	使用内置扬声器播放*6	使用耳机播放
LPCM 96 kHz/24 bit	约15小时	约20小时	约24小时
MP3 192 kbps	约30小时	约24小时	约30小时

尺寸（宽/高/深）（不包括突出部件和控制按钮）(JEITA)*4
约44.0 mm × 120.0 mm × 14.5 mm

质量(JEITA)*4
约98 g

温度/湿度

操作温度	5℃ - 35℃
操作湿度	25% - 75%
贮藏温度	-10℃ - +45℃
贮藏湿度	25% - 75%

支持的存储卡
- 从4 GB至32 GB的microSDHC卡
- 64 GB或更大的microSDXC卡

📝 注
无法将LPCM 96 kHz/24 bit音频直接录制到microSD/SDHC/SDXC卡中

*1 少量内置存储器被用于文件管理，因此不能被用作用户存储。
*2 当IC录音机格式化内置存储器时。
*3 录音场景的默认设置。
*4 测量值依据JEITA（Japan Electronics and Information Technology Industries Association）标准测得
*5 电池使用寿命可能会缩短，视IC录音机的操作方式而定。
*6 当将音量设为25以上以内置扬声器播放音乐时。

产品中有害物质的名称及含量

部件名称	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
内置线路板	×	○	○	○	○	○
外壳	○	○	○	○	○	○
显示板	×	○	○	○	○	○
扬声器	×	○	○	○	○	○
电池	×	○	○	○	○	○
附件	×	○	○	○	○	○

本表格依据SJ/T 11364 的规定编制。
○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。
×：表示该有害物质至少在该部件中的某一均质材料中的含量超出GB/T 26572规定的限量要求。

商标

- Microsoft、Windows、Windows Vista和Windows Media是Microsoft Corporation在美国和/或其他国家的注册商标或商标。
- MPEG Layer-3音频编码技术及Fraunhofer IIS和Thomson许可的专利。
- microSD、microSDHC和microSDXC徽标是SD-3C, LLC.的商标。
- Android是Google Inc.的商标。
- iPhone是Apple Inc.在美国和其他国家的注册商标。App Store是Apple Inc.的服务标志。
- "Made for iPhone"指该设备被设计为专用iPhone，并且经开发者认证符合Apple制定的性能标准。Apple不对该设备性能或其符合相关的安全及规定的标准负责。将本设备与iPhone一起使用，可能会影响无线功能。
- 兼容的iPhone机型 蓝牙技术适用于iPhone 6s Plus、iPhone 6s、iPhone 6 Plus、iPhone 6、iPhone 5s、iPhone 5c、iPhone 5及iPhone 4s。

Made for iPhone
Download on the App Store

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"Sound Organizer 2"使用以下软件模块：
Windows Media Format Runtime

许可

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网上提供源代码。可通过下列网址下载源代码。
http://www.sony.net/Products/Linux/
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SONY

CS
GB

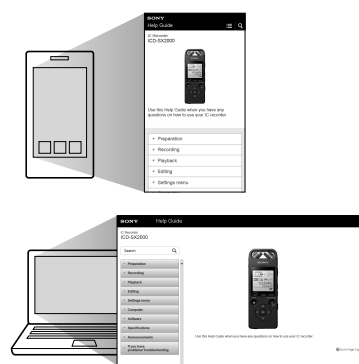IC Recorder

Operating Instructions

ICD-SX2000

Refer to the Help Guide

This is the Operating Instructions, which provides you with instructions on the basic operations of the IC recorder.
The Help Guide is an online manual.
Refer to the Help Guide when you would like to know further details, operations and possible solutions when a problem occurs.

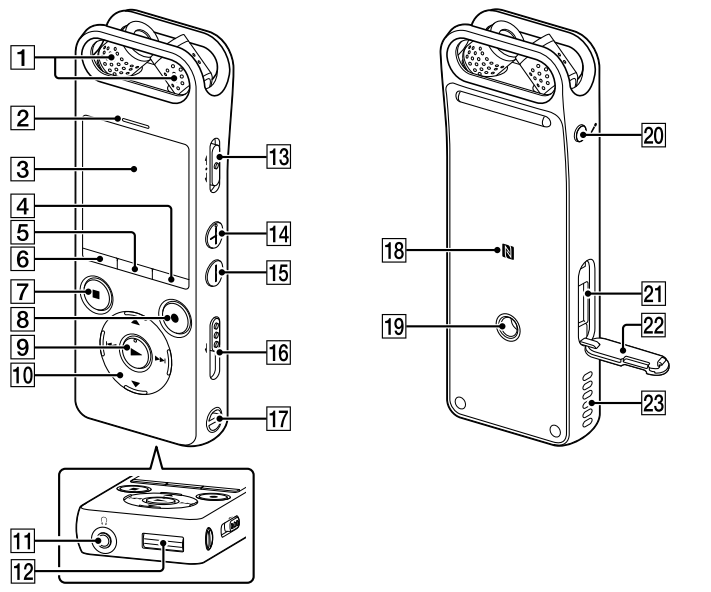http://rd1.sony.net/help/icd/s20/h_cn/

Check the supplied items

• IC Recorder (1)
• Carrying case (1)
• Wind Screen (1)
• USB connection support cable (1)
• Operating Instructions (this sheet)
• Warranty card

Optional accessories
• USB AC adaptor AC-UD10

Parts and controls

1. Built-in microphones
2. Peak indicator
3. Display window
4. OPTION button
5. T-MARK (track mark) button
6. BACK/HOME button
7. ■STOP button
8. ●REC/PAUSE (record/pause) button, recording indicator
9. ► (play/enter) button[*1]
10. Control button (▲ DPC (Digital Pitch Control), ▼ A-B (repeat A-B), ◄◄ (review/fast backward), ►►I (cue/fast forward))
11. ∩ (headphones) jack
12. USB connector cover (You can find the USB connector retracted behind the cover.)
13. POWER•HOLD switch[*2]
14. VOL + (volume +) button[*1]
15. VOL - (volume -) button
16. USB slide lever
17. Strap hole (No strap is supplied with your IC recorder.)
18. ⋈ (N-mark) (Put an NFC-enabled smartphone onto this mark to establish an NFC pairing.)
19. Hole for attaching the tripod (No tripod is supplied with your IC recorder.)
20. ⌕ (microphone) jack
21. microSD card slot (The card slot is located under the cover.)
22. Slot cover
23. Built-in speaker

[*1] The ► (play/enter) button and VOL + (volume +) button have a tactile dot. Use the tactile dot as a reference when operating the IC recorder.
[*2] Sliding the POWER•HOLD switch to "POWER" and holding it for 8 seconds or longer restarts your IC recorder. For detailed instructions, refer to the Help Guide.

Let's try out your new IC recorder

Charge
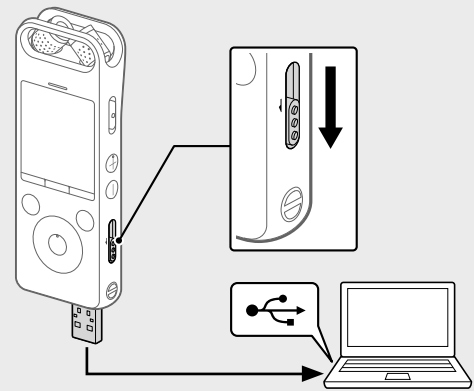
① Charge the IC recorder.
Slide the USB slide lever in the direction of the arrow, and insert the USB connector into the USB port of a running computer.
When the battery is fully charged, the battery indicator will indicate "▐▐▐▐▐."

② Disconnect the IC recorder.
Make sure that the message "正在访问" is no longer on the display window. Then refer to the Help Guide to remove the IC recorder safely.

Power on
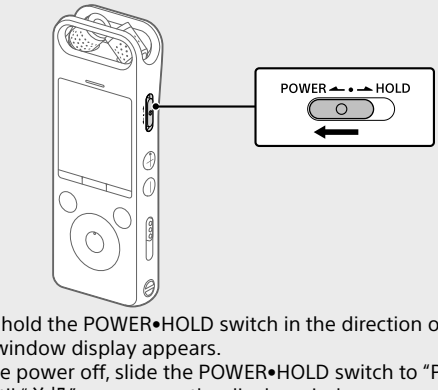
Slide and hold the POWER•HOLD switch in the direction of "POWER" until the window display appears.
To turn the power off, slide the POWER•HOLD switch to "POWER" and hold it until "关机" appears on the display window.

To prevent unintentional operations (HOLD)
Slide the POWER•HOLD switch in the direction of "HOLD."

POWER ◄─●─► HOLD

💡 To release the IC recorder from the HOLD status, slide the POWER•HOLD switch towards the center.

Initial settings
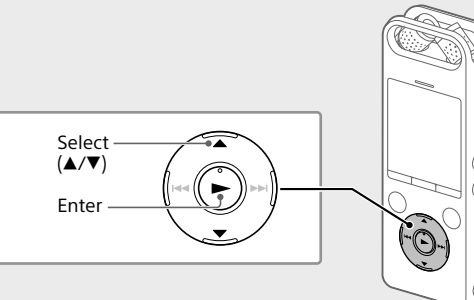
When you turn on your IC recorder for the first time, the "配置初始设置" screen appears on the display window. You can then select the display language, set the clock, and turn on/off the beep sound.

① Select "是" to start the initial settings.

② Select the display language.
You can select from the following languages:
简体中文 (Simplified Chinese)*, English
* Default setting

③ Set the current year, month, day, hour, and minute.

💡 To go back to the previous clock setting item, press BACK/HOME.

④ Select "下一步."

⑤ Select "开" or "关" to turn on or off the beep sound.
When the initial settings finish, the completion message and the the HOME menu screen appears.

Note
You can change any of the initial settings at any time later. For detailed instructions, refer to the Help Guide.

Record

Built-in microphones
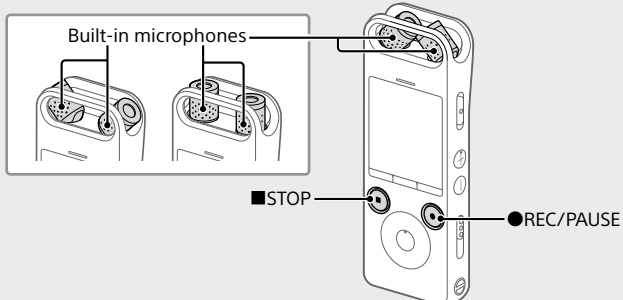
💡
• Before you start using the IC recorder, make sure that the POWER•HOLD switch is at the center dot position.
• You can select a recording scene for each situation by selecting "场景选择" in the OPTION menu.

① Adjust the angle of the IC recorder's built-in microphones with your fingertips so that they point in the direction of the recording source.

② Press ●REC/PAUSE.
Recording starts and the recording indicator lights in red.
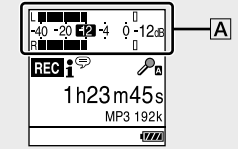
During recording, the peak level meters appear to help you adjust the recording level (Ⓐ).
Please adjust the orientation of the built-in microphones, the distance from the sound source, or the sensitivity setting of the microphones so that the recording level stays around -12 dB, which fits within the optimum range, as illustrated above.

③ Press ■STOP to stop recording.
"请稍候" appears first, and then the record standby screen appears.
After you stopped recording, you can press ► to play the file you have just recorded.

Listen
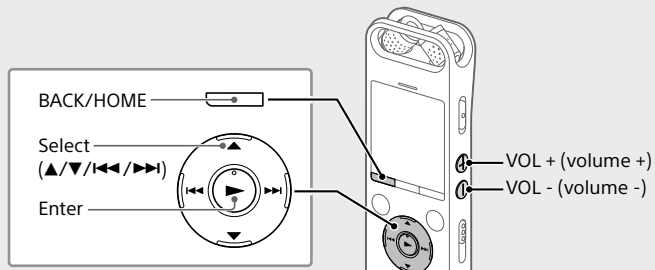
① Select "📄 录音文件" from the HOME menu.
② Select "最新录音," "按录音日期搜索," "按录音场景搜索," or "文件夹."
③ Select your desired file.
Playback starts.

④ Press VOL + or VOL - to adjust the volume.
⑤ Press ■STOP to stop playback.

To add a track mark
You can add a track mark at a point at which you want to divide a file later or locate during playback. You can add a maximum of 98 track marks to each file.
You can also add track marks during recording.

Delete
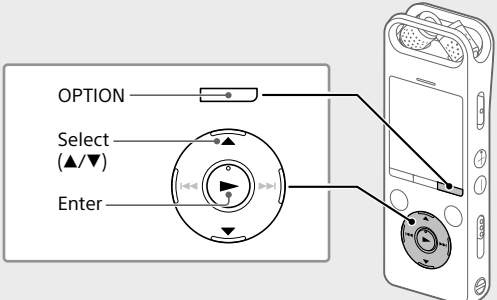
Note
Once a file is deleted, you cannot restore it.

① Select the file you want to delete from the list of recorded files or play back the file you want to delete.
② Select "删除文件" from the OPTION menu.

"要删除吗？" appears and the selected file starts playing for your confirmation.
③ Select "是."

"请稍候" appears and stays until the selected file is deleted.

Operations with the smartphone (REC Remote)
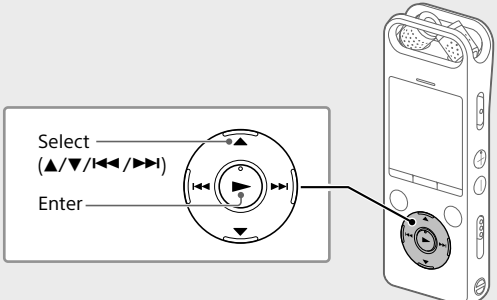
With the Bluetooth function of your IC recorder, you can operate your IC recorder (recording, changing the recording settings, etc.) using a smartphone.

To operate your IC recorder using a smartphone
You need to install REC Remote on the smartphone and establish a Bluetooth paring with your IC recorder.

① Search for "REC Remote" on the following website to install it on your smartphone.
For Android™: http://www.sonystyle.com.cn
For iPhone: App Store
② On the IC recorder, select "REC Remote"- "添加设备 (配对)" from the HOME menu and follow the on-screen instruction to turn on the Bluetooth function.
③ On the smartphone, start REC Remote and select "ICD-SX2000" (your IC recorder) from the available device list.
For detailed instructions, refer to the help of REC Remote and the manual supplied with the smartphone.
Now you can use the smartphone for IC recorder operations.

To turn on or off the Bluetooth function of your IC recorder
① Select "REC Remote" - "Bluetooth 打开/关闭" from the HOME menu.
② To turn on the Bluetooth function, select "开." To turn it off, select "关."

Using the HOME menu

You can use the HOME menu for a variety of operations, including locating and playing a recorded file and changing the settings of your IC recorder.
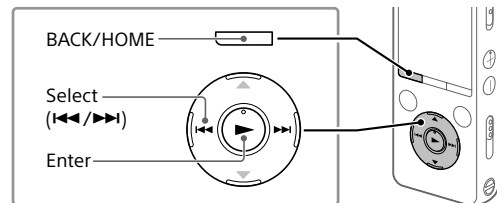
① Press and hold BACK/HOME.
The HOME menu screen appears.

The HOME menu items are aligned in the following sequence.

🎵 ⟷ 录音文件 ⟷ 录音 ⟷ REC Remote ⟷ 设置 ⟷ 返回XX*
音乐

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

② Select your desired function from the following:

🎵 音乐	You can select and play one of the files you have imported from a computer. To locate a music file, select "所有歌曲," "专辑," "演出者," or "文件夹."
📄 录音文件	You can select and play one of the files you have recorded with your IC recorder. To locate a recorded file, select "最新录音," "按录音日期搜索," "按录音场景搜索," or "文件夹."
🎤 录音	You can display the record standby screen, and then start recording.
REC Remote	You can display the menu screen for REC Remote that uses the Bluetooth function.
🧰 设置	You can display the 设置 menu screen and change various settings on the IC recorder.
📲 返回XX*	You can go back to the screen that was displayed before the HOME menu screen. * The function you are currently using is displayed in "XX."

💡 Press ■STOP to return to the screen displayed before you entered the HOME menu.

Using the OPTION menu

You can use the OPTION menu to perform a variety of functions, including changing the settings of your IC recorder.
The available items differ depending on the situation.
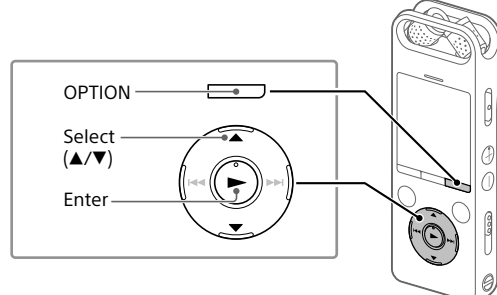
① Select your desired function from the HOME menu, and then press OPTION.

② Select the menu item for which you want to change the setting.
③ Select your desired setting option.

Copying files from your IC recorder to a computer

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

① Follow the instructions in "Charge" to connect your IC recorder to a computer.
② Drag and drop the files or folders you want to copy from "IC RECORDER" or "MEMORY CARD" to the local disk on the computer.
③ Disconnect your IC recorder from the computer.

Installing Sound Organizer 2

Install Sound Organizer on your computer.
Sound Organizer allows you to exchange files between your IC recorder and your computer.
Songs imported from music CDs and other media, MP3 and other audio files imported to a computer can also be played and transferred to the IC recorder.

Notes
• Sound Organizer is compatible with Windows computers only. It is not compatible with Mac.
• This IC recorder is compatible with Sound Organizer 2 only.

💡 When installing Sound Organizer, log in to an account with administrator privileges.

① Access the following Sony Service web site from your computer: http://service.sony.com.cn/
② On the above web site, enter "Sound Organizer 2" in the search box to locate the Sound Organizer download page.
③ Follow the procedures instructed on the download page to download and then install the Sound Organizer.

Precautions

On power
Operate the unit only on 3.7 V DC with the built-in rechargeable lithium-ion battery.

On safety
Do not operate the unit while driving, cycling or operating any motorized vehicle.

On handling
• Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
• Should any solid object or liquid fall into the unit, have the unit checked by qualified personnel before operating it any further.
• When using your IC recorder, remember to follow the precautions below in order to avoid warping the cabinet or causing the IC recorder to malfunction.
  – Do not sit down with the IC recorder in your back pocket.
  – Do not put your IC recorder into a bag with the headphones/earphones cord wrapped around it and subject the bag to strong impact.
• Be careful not to allow water to splash on the unit. The unit is not waterproof. In particular, be careful in the following situations.
  – When you have the unit in your pocket and go to the bathroom, etc. When you bend down, the unit may drop into the water and may get wet.
  – When you use the unit in an environment where the unit is exposed to rain, snow, or humidity.
  – In circumstances where you get sweaty. If you touch the unit with wet hands or if you put the unit in the pocket of sweaty clothes, the unit may get wet.
• Listening with this unit at high volume may affect your hearing. For traffic safety, do not use this unit while driving or cycling.
• You may feel pain in your ears if you use the headphones when the ambient air is very dry.
This is not because of a malfunction of the headphones, but because of static electricity accumulated in your body. You can reduce static electricity by wearing non-synthetic clothes that prevent the emergence of static electricity.

On noise
• Noise may be heard when the unit is placed near an AC power source, a fluorescent lamp or a mobile phone during recording or playback.
• Noise may be recorded when an object, such as your finger, etc., rubs or scratches the unit during recording.

On maintenance
To clean the exterior, use a soft cloth slightly moistened in water. Then use a soft dry cloth to wipe the exterior. Do not use alcohol, benzine or thinner.

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

WARNING

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

Specifications

Capacity (User available capacity[*1][*2])
16 GB (approx. 12.80 GB = 13,743,895,347 Byte)

Maximum recording time (Built-in memory)
The maximum recording time of all the folders is as follows.

LPCM 96 kHz/24 bit	6 hours 35 minutes
LPCM 44.1 kHz/16 bit	21 hours 35 minutes
MP3 320 kbps	95 hours 25 minutes
MP3 192 kbps[*3]	159 hours
MP3 128 kbps	238 hours
MP3 48 kbps (MONO)	636 hours

Note
When you are going to record continuously for a long time, you may need a USB AC adaptor (not supplied). For details on the battery life, see Battery Life.
The maximum recording time in this topic is for your reference only.

Battery Life (a built-in rechargeable lithium-ion battery) (JEITA)[*4][*5]

	Recording	Playback with the built-in speaker[*6]	Playback with the headphones
LPCM 96 kHz/24 bit	Approx. 15 hours	Approx. 20 hours	Approx. 24 hours
MP3 192 kbps	Approx. 30 hours	Approx. 24 hours	Approx. 30 hours

Dimensions (w/h/d) (not incl. projecting parts and controls) (JEITA)[*4]
Approx. 44.0 mm × 120.0 mm × 14.5 mm

Mass (JEITA)[*4]
Approx. 98 g

Temperature/Humidity

Operating temperature	5°C - 35°C
Operating humidity	25% - 75%
Storage temperature	-10°C - +45°C
Storage humidity	25% - 75%

Compatible memory cards
• microSDHC cards from 4 GB to 32 GB
• microSDXC cards of 64 GB or more

Note
You cannot record LPCM 96 kHz/24 bit audio directly to a microSD/SDHC/SDXC card.

For the customers in China
RATED CURRENT CONSUMPTION: 1500 mA
AC adaptor: AC-UD10

[*1] A small amount of the internal memory is used for file management and therefore not available for user storage.
[*2] When the built-in memory is formatted with the IC recorder.
[*3] Default settings for the recording scenes.
[*4] Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association)
[*5] The battery life may shorten depending on how you operate the IC recorder.
[*6] When playing back music with the built-in speaker with the volume level set to 25.

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• iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.
App Store is a service mark of Apple Inc.
• "Made for iPhone" means that an electronic accessory has been designed to connect specifically to iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone may affect wireless performance.
• Compatible iPhone models
Bluetooth technology works with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, and iPhone 4s.

Made for iPhone
Download on the App Store

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The "Sound Organizer 2" uses software modules as shown below:
Windows Media Format Runtime

License

Notes on the License
This IC recorder comes with software that are used based on licensing agreements with the owners of that software.
Based on requests by the owners of copyright of these software applications, we have an obligation to inform you of the following. Please read the following sections.
Licenses (in English) are recorded in the internal memory of your IC recorder. Establish a Mass Storage connection between the IC recorder and a computer to read licenses in the "LICENSE" folder.

On GNU GPL/LGPL applied software
The software that is eligible for the following GNU General Public License (hereinafter referred to as "GPL") or GNU Lesser General Public License (hereinafter referred to as "LGPL") are included in the IC recorder.
This informs you that you have a right to have access to, modify, and redistribute source code for these software programs under the conditions of the supplied GPL/LGPL.
Source code is provided on the web. Use the following URL to download it.
http://www.sony.net/Products/Linux/
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