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VOICE TRACER

VTR8800



VTR8800 使用手册 / User Manual

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1 欢迎

欢迎来到飞利浦世界！您能选择和购买飞利浦的产品，我们非常高兴。您可在我们的官方网站上获得飞利浦公司的全方位技术支持，如：使用手册、软件下载、保修信息等。

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产品特点

- 一键录音：仅仅按下录音键即可实现录音，按下停止键保存录音。
- 高清扬声器：采用高品质振动喇叭,无论播放录音文件或音乐文件，都让人身临其境的享受。
- 以常见的 MP3 格式及 WAV 格式录音，支持 96KHZ,24 位 PCM 录音。
- 支持多通道同时录音，用途广泛。
- 使用高速 USB 2.0 快速存取录音文件和数据。
- 声控录音功能。
- 可作为大容量的 USB 存储设备，确保最大的兼容性。

2 重要须知

安全

- 为了避免短路，切勿将产品放置在触水受潮处。
- 不要将产品放在加热设备附近或阳光直射的地方。
- 请注意，切勿挤压电缆，特别是插头处。

特别声明：使用本产品前请仔细阅读本说明书，如因人为操作或不可抗力因素而导致数据丢失，本公司一概不予负责。特别提醒用户小心操作，注意将资料另外备份。

听力保护

使用耳机时请遵守下列原则：

- 调整至合适的音量，切勿长时间使用耳机。
- 特别需要注意，切勿将音量调至耳朵所能承受的范围之外。
- 切勿将音量调至盖过周边环境的声音。
- 在危险情况下请小心或暂停使用耳机。
- 在驾驶汽车、骑自行车、玩滑板时，切勿使用耳机。否则会导致交通意外，且违反相关法律法规。

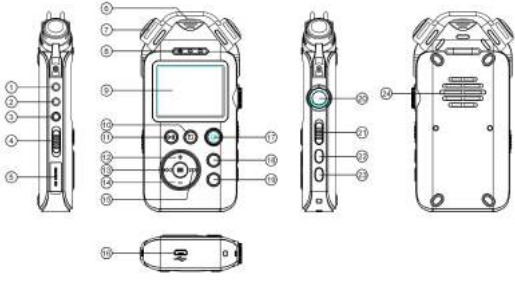
3 您的数码录音笔

供货范围：





概览：



1. 耳机插孔
2. Line in 插孔、麦克风插孔
3. XLR 插孔
4. 电源开/关
5. 卡插座
6. 内置中间麦克风
7. 内置两边麦克风
8. 录音/播放指示灯
9. 显示屏
10. 停止
11. 播放/暂停
12. 音量加、菜单项选择键
13. 上一曲、快退、菜单项选择键
14. 音量减、菜单项选择键
15. 下一曲、快进、菜单项选择键
16. USB 接口
17. 录音
18. FOCUS
19. 书签，文件夹切换
20. 录音增益调节旋钮
21. 降噪
22. 变速播放键
23. 删除键
24. 喇叭

4 开始使用

开/关机

注意：第一次使用机器时，请对该机器充电三小时以确保机器有电工作!

把开关键向下拨至电源处约 2 秒至 3 秒后开机,然后显示 飞利浦图标，如下图所示：



然后机器进入录音文件停止播放界面,如下图所示。



在此界面停止状态下短按菜单键选择菜单图标，按录音键确认机器进入设置界面。在设置界面中包含有四个主菜单。下面四张图片分别代表：文件菜单、录音设置、屏幕设置和设备设置。









此后，本机的开机/关机由开关键控制，具体如下：

关机：在开机状态下，把开关键拨至电源处直到显示飞利浦图标关机。

开机：在关机状态下，把开关键拨至电源处直至屏幕上显示开机画面飞利浦图标。

提示

- 如果录音笔无法正常工作，请确认机器是否已没电。
- 当电量指示标志为“ ”时，请及时充电。

充电方法

(1) 使用 USB 数据线将本机与 PC 相连接，如下图所示。

(2) 使用专用充电器充电，如下图所示。

当采用以上方法连接后，本机进入充电状态。电量指示标志由空到满循环变化，表示本机现正处于充电状态，充电指示灯橙色灯常亮。一般情况下，充满电需要 3 小时左右。充满电时，电池符号显示满格，橙色灯灭。



注意：当录音笔与电脑连接时，对录音笔的手动操作将无效。

按键锁定（HOLD 功能）

(1) 将开关键向上推至锁定位置，锁定录音笔后，所有按键无效。然后屏幕上短暂显示锁图标后，随即消失，如下图所示。



(2) 要解除按键锁定，请将开关键向下拨下解锁。

连接电脑

录音笔可作为大容量的 USB 存储设备，并可方便地对文件进行存储、备份和移动。可使用 USB 数据线将录音笔与电脑相连，且无须安装软件，连接电脑图标如下图所示。



提示:

在文件移入或移出录音笔时，请不要断开录音笔与电脑的连接，否则会损坏文件。

当录音笔连接电脑时，手动操作无效。

5 录音

当您初次使用录音笔录音时，请注意本节中的内容说明！

(1) 在语音模式停止状态下，按“INDEX”键，选择所需文件夹。

(2) 按下“录音键”开始录音；“录音/ 播放”指示灯将亮红灯；请将内置麦克风对准音源。

(3) 按“录音”键暂停录音，红灯闪烁，显示屏显示录音暂停图标。

(4) 再次按下“录音”键，继续录音。

(5) 在录音过程中，按下“FOCUS”键，调节增益调节旋钮，可实时调节录音增益。多通道录音，按“菜单”键，切换录音通道，调节增益。请把录音增益调到合适的值以保证录音品质。

(6) 按“FOCUS”键取消录音增益调节。

(7) 按“INDEX”键插入录音书签。支持 10 个书签文件。

(8) 按下“停止”键结束录音，并回到当前录音文件的停止播放界面。

录音参考界面如下如所示：



录音界面说明：



注意：电池标记符显示空格时，表明低电。低电时系统会自动关机。如果正在录音，系统自动保存录音文件后再关机。电量不足时，请及时充电。低电时提示的参考图标如下所示。



提示：

- 录音前，请先设置所需的声控录音功能和录音类型。注意：在停止状态下，按“INDEX”键，可以在 A，B，C，D 和 MUSIC 五个文件夹之间进行转换。录音文件可以在 A，B，C，D 这四个文件夹中进行存储，每个文件夹能存储 99 个录音文件，当一个录音文件夹存满 99 个后，系统会把随后录

入的文件自动存储在下一个文件夹中，如果，四个文件夹全部录满，要再进行录音，请先删除一些不必要的文件再录。

- 请先测试录音，以确保录音笔设置正确。
- 每个目录最多可存储 99 个文件，总共可容纳 396 个文件（99 文件 x 4 目录）。
- 当录音时间超过录音笔可用容量或达到最大 396 个文件数量的上限时，录音停止。请删除部分录音或将其移至电脑。
- 录音时请勿断电，否则这会导致录音信息丢失和文件损坏。
- 如果需要长时间录音，请在录音前充电。
- 录音笔在充满电后可以录音 56 个小时。

使用外置麦克风录音

当您使用外置麦克风录音时，请先将麦克风插入外置麦克风插座，并按照内置麦克风的录音程序进行录音。当您连接到外置麦克风时，内置麦克风将自动关闭，但是，选择多通道录音除外。注意：外置麦克风的接口一定要是双声道接口；不支持接入音箱直录。

使用 XLR 接口录音

当您使用 XLR 接口录音时，请先将 XLR 接头插入 XLR 插座，并按照内置麦克风的录音程序进行录音。当您连接到 XLR 接口时，内置麦克风将自动关闭，但是，选择多通道录音除外。

6 语音模式

语音停止参考界面如下如所示：



语音文件播放界面说明：



注意：在停止状态下，按“INDEX”键，可以在 A，B，C，D 和 MUSIC 五个文件夹之间进行转换。在 A，B，C 和 D 文件夹中，长按“INDEX”键，可直接切换到 MUSIC 文件夹。

语音播放：

(1) 在录音文件停止播放模式下，按“INDEX”键，选择所需文件夹。

(2) 按“⏮”或“⏭”键，选择要播放的文件。

(3) 按“MENU”键，选中文件列表图标，按“播放”键确认进入文件列表浏览；按“+”键或“-”键，选择要播放的文件，按“播放”键确认。

(4) 按“播放”键开始播放，“录音/ 播放”指示灯将亮绿灯。

(5) 使用“+”键或“-”键调节音量。

(6) 按“停止”键结束播放。在停止播放状态下，按“MENU”键选中菜单图标，按“播放”键确认进入系统设置。

(7) 停止播放状态下，按“停止”键，显示文件名，采样率和文件大小等文件信息。

(8) 播放过程中，按播放键暂停播放，再次按下播放键，将继续先前位置的播放。

(9) 播放时长按“⏮”或“⏭”键，可快退或快进当前正在播放的文件。

提示:

当耳机插入插孔内，录音笔扬声器将停止工作。

文件编辑

选择要播放的录音文件后，短按播放键播放，在播放过程中，依次短按菜单键，在信息图标处依次显示 Append，Insert，Divide 和 Cut 等功能提示图标。

提示:

在无任何操作情况下，8 秒后此功能将会自动取消。

(1) Append：按“播放“键确认，在当前播放文件的尾部插入一段录音。

(2) Insert：按“播放“键确认，在当前播放文件的当前

播放点插入一段录音文件。

(3) Divide：按“播放“键确认，在当前播放文件的当前播放点把文件分割成两个文件。

(4) Cut：按“FOCUS”键设置开始点，按“播放”键确认结束点，把文件的开始点和结束点的中间段裁剪掉；未按“FOCUS”键设置开始点，按“播放”键，则在当前播放文件的当前播放点把文件后半部分裁剪掉。

变速播放

此操作请参照音乐文件的变速播放部分

复读模式

在播放过程中，长按菜单键将进入复读模式。A-B 复读的具体操作请参考“音乐播放”部分的 A-B 复读操作部份。

书签

此操作请参照音乐文件的书签部分。

文件保护

在停止播放录音文件界面下，按“FOCUS”键，将会弹出文件保护菜单。按“播放”键，进入“锁”和“开锁”选择项。参考图片如下图：



选择“锁”确认锁定文件，选择“开锁”确认解除锁定。文件被锁定，选择删除文件将会提示“文件被锁”，需解除锁定才能被删除。

删除文件

在停止播放录音文件界面下，按删除键，将会显示如下第一张图所示界面。下面为执行删除操作的相关参考图片：



在左边界面，使用“+” 键或“-” 键选择删除单个文件或所用文件；在右边界面，使用“+” 键或“-” 键选择“是”确认删除，“否”保持文件；按菜单键执行命令。

7 音乐模式

在语音模式下，通过文件夹切换键切换到音乐文件夹或长按文件夹切换键切换到音乐文件夹。音乐播放参考界面如下图所示:



注意：音乐文件只能放在“MUSIC”文件夹里面进行播放。

音乐播放界面说明：



播放模式

你可以使用“⏮”和“⏭”选择你想听的歌曲或者按菜单键选中文件列表图标，按“录音”键确认进入文件列表浏览，按“+”键和“-”键选着要播放的文件，按“播放”确认，按播放

键播放。

变速播放

在播放过程中短按“SPEED”键，键入播放速度调节界面。参考界面如下图所示：



- 按“+”键和“-”键，调节播放速度。
- 按“播放”键确认。

复读模式

在播放过程中，按菜单键将进入复读模式。

设置 AB 复读

- 设置复读起点：在播放状态下,短按“菜单”键进入复读状态，但此时显示屏中“A-B”的“A”在闪烁，等待确定复读起点 A，短按“⏭”确定复读起点 A。
- 设置复读终点：设置复读起点 A 后，此时显示屏中“A-B”的 B 在闪烁，再短按“⏭”键，设置复读终点 B，此时显示显示“A-B”。当复读图标固定“A-B”，开始 AB 点间的反复播放，到达设定的次数后，闪烁图标“A-B”中的“A”，等待确定起点 A，这时播放返回正常播放，如不再需要设定复读，可通过以下方式退出复读模式。

- 取消复读：短按“播放”键，将之前设置 AB 复读取消，并暂停播放。短按“停止”键，将之前设置 AB 复读取消，并停止播放。短按“菜单”键，将之前设置 AB 复读取消，并返回正常播放状态。

书签

在播放过程中，短按“INDEX”键插入书签。支持 10 个书签文件。

在播放过程中，长按“INDEX”键，将弹出书签操作菜单，包括转入书签播放和删除书签。按“+”键和“-”键选择“转入书签播放”菜单，按“录音”键确认进入播放书签选择列表。参考界面如下图：



- 按“+”键和“-”键，选择要播放的书签点。
- 按“播放”键确认进入书签点播放。

删除书签操作和播放书签类似。

提示：

在播放停止状态下，按停止键可查看文件信息，包括：文件名，作者，采样率和文件大小等。

删除文件

此操作请参照语音文件的删除文件部分。

歌词同步显示

产品支持“*.lrc”歌词文件，实现歌词与歌曲同步播放。

注意：

歌词文件的名称与歌曲文件的名称需保持一致。

8 系统设置

你可根据个人喜好进行以下相应设定。

在语音或音乐模式下按菜单键选择菜单图标，按“播放”键将会进入系统设置界面，或者长按“MENU”键进入。系统设置界面相关参考图片如下图所示，包括：文件菜单，录音设置，屏幕设置和设备设置。









文件菜单

文件菜单栏包括：均衡器和播放模式。可根据自己喜好做相应设置；

均衡器

在文件菜单栏中选择“均衡器”菜单，再按“录音”键将进入均衡器，均衡器包括以下音效：“关、摇滚、流行、柔和、爵士、古典、重低音”，参考界面如下图所示：





在均衡器中，你可以使用“+”键和“-”键选择相应模式，再按“播放”键确认。

播放模式

在文件菜单栏选中“播放模式”菜单，再按“播放”键，将会进入到播放模式选择菜单，你可以选择你需要的播放模式，参考界面如下图所示：



关：顺序播放选中目录的文件，全部播放完一遍当前目录的文件后自动停止播放。

文件夹：循环播放选中目录的文件。

文件：一直循环播放选中的一曲文件。

随机：随机播放当前选中目录的文件。

录音设置

录音设置栏包括：性能选择，通道选择，品质设置，定时器，声控和和自动切分。可根据相关应用做相应设置；

性能选择

信能选择包括：高性能和一般性能可选。参考界面如下图所示：



高性能：使用高性能 ADC 采集数据，最高支持 96khz，24 位 PCM 录音。运行功耗高。

一般性能：使用内置 ADC 采集数据，最高支持 48khz，16 位 PCM 录音。运行功耗低。

通道选择

使用此功能选择录音数据采集通道。通道选择包括：双咪头，LINE IN，XLR，单咪头，Two MIC+XLR，Two MIC+One MIC，Line in+One MIC 和 Line in+XLR。参考界面如下图所示：





双咪头：使用内置两边咪头录音。

LINE IN：使用外置麦通道录音。

XLR：使用 XLR 通道接口录音。

单咪头：使用内置中间咪头录音。

Two MIC+XLR：使用内置两边咪头和 XLR 通道接口同时录音。

Two MIC+One MIC：使用内置两边咪头和内置中间咪头同时录音。

Line in+One MIC：使用外置麦通道和内置中间咪头同时录音。

Line in+XLR：使用外置麦通道和 XLR 通道接口同时录音。

提示：机器能自动检测 Line in 和 XLR 接口是否插入，两通道接口未插入，则机器默认使用内置两边咪头进行录音。

品质设置

使用此功能设置需要录音的录音类型，包括：WAV 24Bit/96KHZ, WAV 16Bit/96KHZ, WAV 16Bit/48KHZ, WAV 16Bit/32KHZ,MP3 192kbps, MP3 128kbps, MP3 96kbps, MP3 64kbps 和 MP3 32kbps 等，多种录音类型选择，可满足大部分应用场合。参考界面如下图所示：





定时器

定时器：先预设一个时间，当系统时间到达预设时间时，系统将会自动录音。在功能菜单中，选择“定时器”菜单，再按菜“录音”键进入定时录音设置菜单，。参考界面如下图所示：



第一个功能是定时录音时间设置功能。定时录音时间设置参考界面如下图所示：



在此界面下，你可以选择“设置日期”和“设置时间”，当系统时间到达设定时间时，系统将自动开始录音。

第二个功能是设置定时录音的录音时长。你可以设置 30 分钟，60 分钟，120 分钟或者没限定录音时长来设置定时录音时长。时间长度设置参考界面如下：



注意：设定定时录音时，请先检查电池电量是否充足。

声控

声控功能一旦被启用，录音过程中，当机器检测到有声音时，录音笔会自动开始录音；当未检测到声音时，录音笔在 3 秒后

将自动暂停录音；再次检测到声音时，录音笔又会自动开始录音。声控设置参考界面图片如下：



自动切分

在录音过程中，自动切分可在每 30 或 60 分钟自动将录音文件分段保存并自动进入下一个文件录音。自动切分功能参考界面如下图所示：



屏幕设置

屏幕设置栏包括：语言和和背光。

语言

在语言选择菜单中，你可以选择一种语言作为系统语言。语言选择参考界面如下：



背光

背光时间有五种时长可供选择：20 秒、30 秒、45 秒、60 秒和恒亮。如果在设定的时间内没对机器做任何操作，背光将会自动灭。如果选择“恒亮”，背光将会常亮。



设备设置

设备设置栏包括：日期/时间，自动关闭，格式化设备，录音指示灯，设备声音，内存选择，信息和恢复出厂设置。

日期/时间

系统时间设置界面，参考图片如下：



在此界面下，你可以设置系统的当前时间和系统时间显示格式。

例如：选择时间格式“设置时间格式”菜单，将会显示如下参考界面：



此界面下有两种时间显示格式可供选择即 12 小时制和 24 小时制。系统默认的是 12 小时制。

例如：选择 “设置日期” 菜单，将会显示如下参考界面：



在此界面下，按“+”或“-”与“⏮”和“⏭”可以设置实时时间。按“⏭”和“⏮”选择年、月、日；按“+”或“-”改变相应位置数值。

选择”设定时间”菜单,将会显示如下参考界面



在此界面下，按“+”或“-”与“⏮”和“⏭”可以设置实时时间。按“⏭”和“⏮”选择时、分；按“+”或“-”改变相应位置数值。

自动关机

如果在设定的时间内没对机器做任何操作，系统将会自动关机。自动关机设置参考界面如下：



格式化设备

使用此功能，你可以格式化本机器内存。

录音指示灯

使用此功能，录音时录音指示灯将会亮，否则灭。

设备声音

使用此功能，在停止状态下，按键操作将会有声音提示。

内存选择

使用此功能，你可以使用本机内存或外置卡内存来工作。

信息

信息菜单中包括：磁盘信息，卡信息和固件版本；

磁盘信息：使用此功能，你可以查看本机内存大小和剩余空间信息。

卡信息：使用此功能，你可以查看卡内存大小和剩余空间信息。

固件版本：使用此功能，你可以查看固件版本信息。

恢复出厂设置

使用此功能，你可以重置机器的设置选项。

9 常见问题

此处列举了常见问题的解答，可帮助解决录音笔出现的简单问题。如果故障仍无法排除，请咨询经销商或访问我们的官方网站：www.philips.com/support

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无法启动录音笔：

电池电量已耗尽请及时充电。

录音笔无法录音：

超出录音笔允许的最大文件数量或录音笔存储空间已满。请删除部分录音或将其移至外部存储设备。

录音笔无法播放录音：

(1) 录音笔可能处于锁定模式 (HOLD)。将 “锁定” 开关拨下解锁。

(2) 电池电量已耗尽，请充电。

10 技术参数

存储器

内置存储空间

参考录音时间 (8GB) : MP3 32kbps 录音模式约 540 小时、MP3 128kbps 录音模式约 136 小时，WAV 16bit/96khz 录音模式约 6 小时。

参考录音时间（16GB）：MP3 32kbps 录音模式约 1080 小时、MP3 128kbps 录音模式约 272 小时，WAV 16bit/96khz 录音模式约 12 小时。

内置存储器类型：NAND Flash 闪存

移动存储器 (PC)：是

存储卡：是

录音笔在充满电后，可以录音 56 小时。

尺寸和重量

宽 × 高 × 深： 125×64.5×22 (mm)

重量 （含电池）：166g

系统要求

操作系统：Windows 7/Vista/XP/2000, Mac OS X, Linux

接口：USB 接口

录音

WAV 24bit/96khz：比特率为 4608kbps ，格式为 WAV

WAV 16bit/96khz：比特率为 3072kbps，格式为 WAV

WAV 16bit/48khz：比特率为 1536kbps，格式为 WAV

WAV 16bit/32khz：比特率为 1024kbps，格式为 WAV

MP3 192kbps：比特率为 192kbps，格式为 MP3

MP3 128kbps：比特率为 128kbps，格式为 MP3

MP3 96kbps：比特率为 96kbps，格式为 MP3

MP3 64kbps：比特率为 64kbps，格式为 MP3

MP3 32kbps：比特率为 32kbps，格式为 MP3

运行条件

温度：5°–45°C

空气湿度：10% – 90%，不凝结

Contents

1 Welcome

2 Important

3 Your voice tracer digital recorder

4 Start to use

5 Recording

6 Voice mode

7 Music mode

8 Setting mode

9 Frequently asked questions

10 Technical specifications

1 Welcome

We are delighted that you have chosen a Philips device. Visit our website for comprehensive support such as user manuals, software downloads, warranty information and much more:

www.philips.com

Product highlights

- One-touch recording: just press the RECORD button to start recording, press the STOP button to save file.
- Digital noise reduction: effectively filter the ambient noise in the recording environment, to enable crystal clear recording.
- Record in common MP3 and WAV format, support 96KHZ, 24bit PCM audio.
- Support, multichannel recording at the same time, wide range of USES.
- USB 2.0 high speed data access.
- Voice-activated recording.
- USB mass storage, ensuring maximum compatibility.

2 Important safety information

Do not make any adjustments and modifications that are not described in this manual. Follow all safety instructions to ensure proper operation of the device. The manufacturer assumes no liability for damages resulting from non-compliance with the safety instructions.

Safety

• Protect the device from rain or water to prevent a short circuit.

• Do not expose the device to excessive heat caused by placing it on a heating device or in direct sunlight.

• Protect the cables from damage by being trapped, particularly at the plugs and where cables exit the housing.

• Back up your data and recordings. The manufacturer cannot be held responsible for any loss of data.

• Do not perform any maintenance operations that are not described in this user manual. Do not disassemble the device into its component parts to carry out repairs. The device may only be repaired in authorised service centres.

Hearing protection

Observe the following guidelines when using headphones:

• Set the volume to a moderate level and do not use headphones to listen for excessively long periods of time.

• Be particularly careful to avoid adjusting the volume to a level that your hearing cannot deal with.

• Do not turn the volume up so high that you cannot hear what is going on around you.

• In potentially dangerous situations you must be very careful, or temporarily discontinue use.

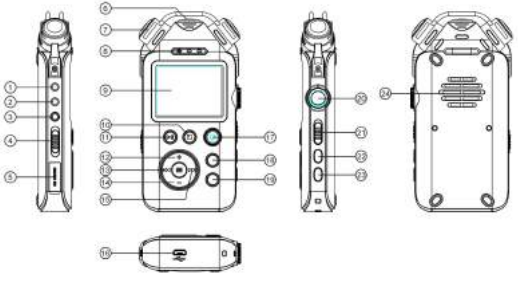
• Do not use headphones while operating a motorised vehicle, cycling, or skateboarding, etc. You could be a hazard to yourself and other road users, and possibly be breaking the law.

3 Your digital recorder

What's in the box?



Overview:



1. Earphone Jack
2. Line in Jack，Microphone Jack
3. XLR Jack
4. Power On/Off, HOLD
5. Card Jack
6. Built-in Microphone
7. Built-in Microphone
8. Record/Play Indicator
9. Display
10. STOP Button
11. Play/Pause
12. Volume Up
13. Previous Track, Fast Backward, Menu Selection Buttons
14. Volume Down
15. Next Track, Fast Forward, Menu Selection Buttons
16. USB Port
17. Record Button
18. FOCUS Button
19. Index Button, File Folder Switch Button
20. Adjust recording gain
21. Noise cut
22. Speed Button
23. Delete Button
24. Speaker

4 Get started

Power On/Off

Note: Recharge the device for three hours before using it for the first time!

1 Slide the Power/Hold switch on the side of the device downwards for approximately two seconds.

>The device turns on and the start-up screen is displayed.



>Then the device displays the stopped playback interface:



From now on, the device's On/Off is controlled by the POWER button as follows:

Switch off: When in the power-on state, slide the POWER button until the "PHILIPS" picture is displayed, and then the device is switched off.

Switch on: When in the power-off state, slide the POWER button until the startup logo "PHILIPS" picture is displayed.

Note:

- If the device cannot work normally, please make sure the device is not out of power.
- When the battery indicator " " is displayed, please charge the device promptly.

Recharge

(1) Connect the device with PC through USB cable.

(2) Use the specified charger to charge the device.

When using the above methods to recharge, the device will be in the state of recharging. The battery indicator shows a battery icon turning from empty to full repeatedly, indicating that the device is recharging. Under normal circumstance, the device can be fully recharged in around 3 hours. When the device is fully recharged, the battery icon is full and the orange indicator light turns off.



Note : while the device is connected to a computer, it cannot be operated manually.

Enabling/disabling the keypad lock

The keypad lock deactivates all keys on the device. The timer function of the device continues to function.

1 Slide the Power/Hold switch up into the x position to lock the keypad of the device.

> The lock symbol x appears on the display.



2 Slide the Power/Hold switch down to the Off position to disengage the HOLD.

Connecting to a computer

The device can be used as a USB mass storage to conveniently store, back up and move files. Link the device to a computer with a USB cable. The voice recorder can automatically be recognized as a mass storage device without the need to install any software.



Note:

Do not disconnect the device from the computer while files are transferred from or to the device. This may damage or corrupt the files.

While the device is connected to a computer, it cannot be operated manually.

5 Recording

Useless information:

(1) In the stop state of voice mode, press "INDEX" button to select the folder you prefer.

(2) Please place the built-in microphone towards the source of sound; press the ● button to start recording; the "Record/Play" indicator flickers red.

(3) Press ● button to pause recording, then the red light flickers, and the display shows pause picture.

(4) Press ● button again to resume recording.

(5) Press "FOCUS" button, adjust the gain knob, can adjust the recording gain in real time. In multichannel audio, press ☰ button to switch the recording channel, then adjust the recording gain.

(6) Press "FOCUS" button to cancel the recording gain adjustment.

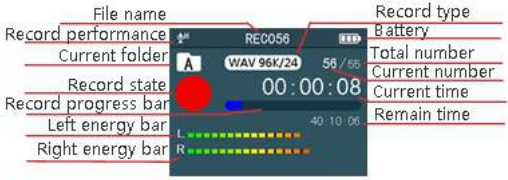
(7) Press "INDEX" button to insert recording bookmarks. 10 support bookmark files.

(8) Press ■ button to end recording, the device returns to the stopped playing interface of current recorded file.

Recording interface reference:



Illustration of recording interface:



Note: When the low battery icon occurs, it means the battery is nearly empty and the system will automatically shut down. If the device is recording, the system will automatically save the recorded file then shut down. If the device has low battery, please recharge promptly. When the device is to shut down due to low battery, the following icon will display.



Note:

- Prior to recording, please preset the record type you need. When in the Stop state, press "INDEX" button to switch among folders A, B, C, D and MUSIC. The recorded file can be stored in any of the A, B, C, D folder; each folder can store up to 99 audio files. If one folder is full with 99 files, the system automatically stores the subsequent files in the next folder. In the case that all four folders are full, please delete some unwanted files to enable recording.
- Make a test recording to make sure that the Voice Tracer settings are correct.
- Each folder can store 99 files at most, totally 396 files (99 files x 4 folders)
- If the recording time exceeds the usable storage of the device or the number of files reaches the limit of 396, the recording stops. Please delete part of recording or move it to a computer.
- When recording, please do not cut off power, otherwise loss or damage of recorded file may be resulted.
- Before starting a long recording session, recharge the batteries before beginning.
- A fully charged battery will allow you to record for 56 hours.

Use an external microphone to record

When using an external microphone to record, please first plug it into the microphone jack, and then record according to the procedures of built-in microphone. After you connect the external microphone, the built-in microphone is disabled. Please note that the plug of the external microphone must be stereo plug and do not support to access speakers record straightly.

Use an XLR interface to record

When using an XLR interface to record, please first plug it into the XLR jack, and then record according to the procedures of built-in microphone. After you connect the XLR interface, the built-in microphone is disabled.

6 Playback

The voice stop interface below:



Voice playback interface specification:



Note: When in Stop state, press "INDEX" button to switch between folders A, B, C, D and MUSIC. In folders A, B, C and D, long press "INDEX", can switch to folder MUSIC directly.

Voice playback

(1) In the Stop Mode of recorded file, press "INDEX" button to select the folder you prefer.

(2) Press "⏮" or "⏭" to select a file to play.

(3) Press "MENU" button, select file list icon, press ⏯ button into file list. Press "+" or "-" to select a file to play and then press ⏯ to confirm.

(4) Press Play button to start playing, "record / playback" indicator will turn green.

(5) Press "+" and "-" to adjust volume.

(6) Press ■ button to stop playing. When the playing is stopped, press ☰ button to select the menu icon, press ⏯ button to confirm into the setting mode.

(7) In the stop state, press ■ button, can display the file details.

(8) When playing, press ⏯ to pause, press ⏯ again to continue playing.

(9) When playing, press "⏮" or "⏭" for a few seconds to fast forward or backward.

Note:

If the earphone is plugged in, the speaker is disabled.

File editor

When plying, shortly press ☰ button in turn, where will display Append, Insert, divide, and Cut icon in the information icon in turn.

Note:

Without any operation, this function will be canceled automatically,

after 8 seconds.

- Append: Press ⏯ button to conform, insert a recording in the end of the current file.
- Insert: Press ⏯ button to conform, insert a recording in the current file to the current play point.
- Divide: Press ⏯ button to conform, split the file into the two files in the current file to the current play point.
- Cut: Press "FOCUS" button to set the begin point, press ⏯ to set the end point, the beginning and end points of the file will be cut off. Don't press "FOCUS" button to set the begin point, press ⏯ button, the latter part of the current file to the current play point will be cut off.

Play speed

For operations of Play speed please refer to Play speed section in "Music playback".

Replay mode

In playing state press ☰ button to enter A-B Replay. For operations of A-B Replay please refer to A-B Replay section in "Music playback".

Index

For operations of Index please refer to Index section in "Music

playback".

Protect file

On the stopped playing interface, press "FOCUS" button to enter. Protect file interface is as follows:



PLAY



Press "+" and "-" to choose "Lock" to protect the file, "Unlock" to don't protect the file; press ⏯ button to execute. When delete the file to locked, will display "The file is locked". If need to delete the file, need to unlock the file.

Delete files

On the stopped playing interface, press the 🗑 button, the interface of the following picture will appear. Below are the pictures of the deletion operations:



On the left side of the interface, press "+" or "-" button to select individual or all files; on the right side of the interface, press "+" and "-" to choose "YES" to confirm deletion, "NO" to keep file; press ⏯ button to execute.

7 Music mode

In the voice mode, long press "INDEX" button to switch to the music folder. Music playback interface is as follows:



Note: music files can only be played when they are in "MUSIC" folder.

Music playback Interface illustration:



Playing mode

You can select the track you want by pressing "⏮" and "⏭" or press ☰ button to select file list icon, press "+" or "-" to select

the file, press ⏯ button to confirm, then press ⏯ to play.

Play speed

When plying, shortly press "SPEED" button to enter. Play speed interface is as follows:



- Press "+" or "-" button to adjust the play speed.
- Press ⏯ button to confirm.

Replay mode

When plying, shortly press ☰ button to enter.

Set A-B Repeat

- Set the start mark：When playing, shortly press ☰ button to enter Reply mod. The "A" in "A-B" on LCD display flickers, if you need to confirm the start point A , shortly press "⏭" to make confirmation.
- Set the finish mark：After setting mark A, the "B" in "A-B" on LCD display flickers, shortly press "⏭" to set the finish mark. The "A-B" is displayed on the LCD. As the replay marks are fixed on "A-B", the section between mark A and B will be replayed for specified times. After playing specified times, the

"A" in "A-B" flickers to wait for setting mark A, and the system resumes normal playing. If A-B Replay is not needed, use any of the following methods to cancel the A-B Replay mode.

- Cancellation: Shortly press ⏯ button to cancel the AB marks and pause playing.
- Shortly press ■ button to cancel the AB marks and stop playing.
- Shortly press ☰ button to cancel the AB marks and continue playing.

Index

When plying, shortly press "INDEX" to insert a bookmark.

When plying, long press "INDEX" button to enter the bookmark menu, include the menu "Go to bookmark" and "Delete bookmark". Press "+" or "-" to select the menu "Go to bookmark", press ⏯ button to enter. Interface is as follows:



- Press "+" or "-" button to select the bookmark point.
- Press ⏯ button to confirm.

Delete files

Regarding the operation approach, please refer to the Delete Files in voice playback section.

The lyrics displayed

This product supports "*.lrc" lyrics files, realizing the synchronous broadcasting of songs and lyrics.

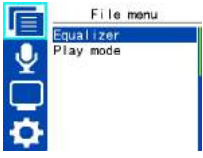
Note:

Lyrics file's name and the name of the song files need to be consistent.

8 Setting mode

You can change settings according to your preference.

In voice mode or music mode, shortly press button to select the menu icon, press button to enter. Or long press button to enter. The Setting mode interface includes File menu, Record settings, Display settings and Device settings. The setting mode is as follows:







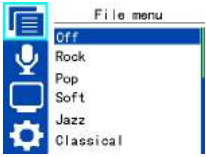


File menu

File menu includes: Equalizer and Play mode. You can change settings according to your preference. File menu interface is as follows:

Equalizer

Select the menu Equalizer, press to enter. The equalizer includes: Off, Rock, Pop, Soft, Jazz, Classical and DBB. Equalizer interface is as follows:





- Press “+” or “-” button to select.
- Press ⏯ button to confirm.

Play mode

Select the menu Play mode, press ⏯ to enter. Play mode interface is as follows:



File: repeat continuously the current track.

Folder: Repeat tracks on a play list.

Random: Play randomly tracks in selected folder.

Off: Play tracks sequentially in selected folder. After playing all the tracks in the current folder, the playing stops automatically.

Record settings

Record settings includes: Record performance, Select channel, Quality settings, Timer, Voice activation and Auto divide. You can

change settings according to your preference.

Record performance

Record performance includes: High and Mid. Record performance Interface is as follows:



High: Use high performance ADC to collect data. Support up to 96 KHZ, 24 bits PCM recording. Higher power consumption.

Mid: Use built-in ADC to collect data. Support up to 48 KHZ, 16 bits PCM recording. Running low power consumption.

Select channel

Use this function to select the channel to collect data. Select channel includes: Two MIC，LINE IN，XLR，One MIC，Two MIC+XLR，Two MIC+ One MIC，Line in+ One MIC and Line in+ XLR。Select channel interface is as follows:





Two MIC: Use the built-in microphones on both sides.

LINE IN: Use the external microphones to record.

XLR: Use the XLR channel to record.

One MIC: Use the built-in microphones in the middle.

Two MIC+XLR: Use the built-in microphones on both sides and the XLR channel to record.

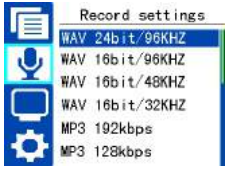
Two MIC+ One MIC: Use the built-in microphones on both sides and the built-in microphones in the middle to record.

Line in+ One MIC: Use the external microphones on both sides and the built-in microphones in the middle to record.

Line in+ XLR: Use the external microphones on both sides and the XLR channel to record.

Quality settings

You can change record types according to your preference. Quality setting includes: WAV 24Bit/96KHZ, WAV 16Bit/96KHZ, WAV 16Bit/48KHZ, WAV 16Bit/32KHZ, MP3 192kbps, MP3 128kbps, MP3 96kbps, MP3 64kbps and MP3 32kbps. Quality settings interface is as follows:



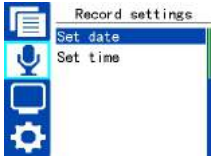


Timer

Timer: first pre-set a length of time, when system time reaches the pre-set time, the system automatically starts recording. On the functions menu, choose "Timer", then press the REC button to enter "Timer" setting. See the below reference picture:



The interface of Set the begin is as follow:



On this interface, users can select "Set date" or "Set time" set the time when the device starts recording automatically.

The second function is the recording duration. You can set the recording duration to 30, 60, 120 minutes or Available memory. The recording duration setting as follows:



Voice activation

This is a practical function of recording, no button operation is needed. When the function is enabled, in the course of recording, if no voice is detected, the device will automatically pause recording after 3 seconds; if voice is detected again, the device resumes recording. See the below related reference picture:



Auto divide

During the course of recording, the auto divide feature recording enables recordings to be saved automatically into a new file every 30 or 60 minutes. The auto divide feature recording interface is as follows:



Display setting

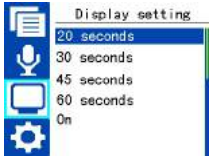
Language

From the Language menu you can choose a language as system language. See the following interface picture:



Backlit

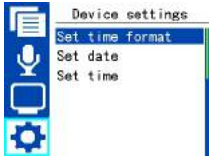
The backlight time function can be set at: 20, 30, 45, 60 seconds and on. If there's no operation on the device for the set time, the backlight turns off automatically. If you select on, the backlight is to be always. See the below picture of Backlight Time setting:



Device settings

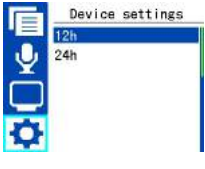
Date/time

See the below picture of Date/time:



On this interface, users can set the current time and the time display format.

When select "Set time format", the device shows the picture as follow:



From the list, users can choose one of two time display format: 12-hour clock or 24-hour clock. The default setting is 12-hour clock.

For example, when select "Set date", the device shows the picture as follow:



On this interface, press "⏮" or "⏭" to select year, month and day. Then press "+" or "-" to change the relevant numbers.

When select "Set Time", the device shows the picture as follow:



On this interface, press "⏮" or "⏭" to select hour, minute. Then press "+" or "-" to change the relevant numbers.

Auto off

If there's no operation on the device for a set time, the system automatically shuts down. If the time is set at 0, the system will not automatically shut down. See the below auto off picture:



Format device

You can format the device's internal storage by using this function.

Record light

When recording, the REC/PLAY led will light, using the function.

Device sounds

In stop state, press buttons and the device will sound shortly, when enable this function.

Memory select

You can select built-in memory or external micro SD to play or record by using this function.

Information

The function information includes: Memory info, Micro-SD info and Firmware version.

Memory info: Use this function to check the capacity of this device

anytime.

Micro-SD info: Use this function to check the capacity of the Micro-SD anytime.

Firmware Version: You can check the device's firmware version by using this function.

Reset default setting

You can restore to default settings by using this function.

9 Frequently asked questions

Answers to the frequently asked questions are listed here to solve simple problems that may to the device. If the problem cannot be solved, please contact the dealer or visit our official website: www.philips.com/support

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Cannot switch on the device:

The battery is empty, please recharge promptly.

Cannot record with the device:

The maximum file number is exceeded or the device's memory is full. Please delete some recordings or move them to other storage devices.

The device cannot play recorded audio:

(1) The device may be in lock mode (HOLD). Slide the HOLD switch to unlock.

(2) The battery is empty, please recharge.

10 Technical specifications

Storage

Internal storage

Estimated recording time (8GB): approximately 540 hours with MP3 32kbps mode, 136 hours with MP3 128kbps mode, 6 hours with WAV 16bit/96khz mode.

Estimated recording time (16GB): approximately 1080 hours with MP3 32kbps mode, 272 hours with MP3 128kbps mode, 12 hours with WAV 16bit/96khz mode.

Type of internal storage: NAND Flash

Portable storage (PC): Yes

Memory card: Yes

Recording time with fully charged battery: approx. 56 hours.

Dimensions and weight

Wide × Long × High: 125 × 64.5 × 22 (mm)

Weight (with battery): 166g

System requirement

Operating System: Windows 8/7/Vista/XP/2000, Mac OS X, Linux

Port: USB

Recording

WAV 24bit/96khz：bit rate: 4608kbps，format :WAV

WAV 16bit/96khz：bit rate: 3072kbps，format :WAV

WAV 16bit/48khz：bit rate: 1536kbps，format :WAV

WAV 16bit/32khz：bit rate: 1024kbps，format :WAV

MP3 192kbps : bit rate: 192kbps，format: MP3

MP3 128kbps : bit rate: 128kbps，format: MP3

MP3 96kbps : bit rate: 96kbps，format: MP3

MP3 64kbps : bit rate: 64kbps，format: MP3

MP3 32kbps : bit rate: 32kbps，format: MP3

Operating conditions

Temperature: 5°–45°C Humidity: 10% – 90%, no condensation

Warranty card

质保书



year warranty

一年质保

Type: VTR7000

Serial nr:

Date of purchase

购买日期

Dealer's name, address and signature

销售商名称、地址及签字

www.philips.com/welcome

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Document version 1.0, 2013-01-01.