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VOICE TRACER

VTR6200



VTR6200 使用手册 / User Manual

中文

03

English

38

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目录

1	欢迎	5
	产品特点	5
2	重要须知	6
	安全	6
	听力保护	6
3	您的数码录音笔	7
	供货范围	7
	概览	7
4	开始使用	9
	放入电池	9
	开 / 关机	9
	按键锁定 (HOLD 功能)	10
	连接电脑	11
5	录音	12
	录音界面说明	12

使用外置麦克风录音	13
使用电话录音	14

6	语音模式	15
	语音播放	15
	播放模式	16
	循环模式	16
	复读模式	17
	删除文件	17
	个性化设置	17
	录音类型	18
	麦克灵敏度	18
	声控设置	18
	监听设置	19
	定时录音	19
	录音时长	20
	录音源	21
	分段录音	22
7	音乐模式	23
	播放模式	24
	循环模式	24

音效模式	24
复读模式	25
删除文件	25
8 调频模式	26
9 无线接收模式	28
10 无线麦克风使用说明	29
11 系统设置	30
(1) 背光时间	30
(2) 语言选择	30
(3) 对比调节	31
(4) 关机设定	31
(5) 录音指示灯	31
(6) 设备声音	31
(7) 系统时间设置	32
(8) 内存选择	33
(9) 信息	33
(10) 格式化设备	34

(11) 恢复出厂设置	35
12 常见问题	36
无法启动录音笔	36
录音笔无法录音	36
录音笔无法播放录音	36
13 技术参数	37

1 欢迎

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产品特点

- 一键录音：短按“录音”键即可实现录音，按“停止”键保存录音。
- 数字降噪：能有效地对录音环境周围的噪声给予滤除，从而可以清晰地记录有效的声音。（此功能只建议在嘈杂的环境中使用）
- 以常见的 MP3 和 WAV 格式录音。
- 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。

所用符号标志



提示

- 此符号标志指明帮助您更加高效简便使用设备的信息。



注意

- 此符号标志指明处理或操作设备时必须遵守的各种注意事项。



小心

- 此符号标志警告可能发生的设备损坏和数据丢失。操作不当，可能导致损坏。

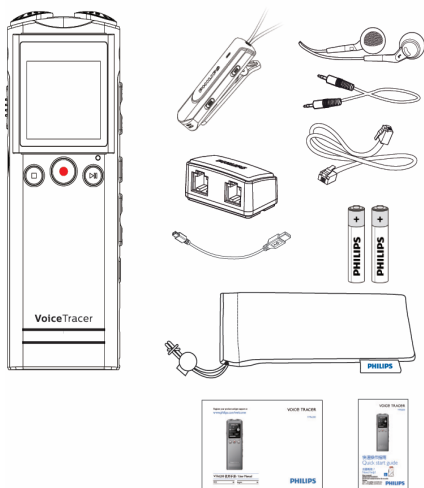


警告

- 此符号标志警告人身伤害危险。操作不当，可能导致人身伤害或设备损坏。

3 您的数码录音笔

供货范围：



概览：



- ① Line in 接口
- ② 开机、关机、锁定键
- ③ TF 卡插口
- ④ 左内置麦克风
- ⑤ 录音键
- ⑥ 停止键、文件夹切换键

- ⑦ 右内置麦克风
- ⑧ 显示屏
- ⑨ 上一曲、快捷键
- ⑩ 录音 / 播放指示灯
- ⑪ 播放 / 暂停键
- ⑫ 音量加键
- ⑬ 删除键
- ⑭ 耳机接口
- ⑮ 下一曲、快进键
- ⑯ 菜单键
- ⑰ 音量减键
- ⑱ USB 接口
- ⑲ 喇叭

4 开始使用

放入电池

- 打开电池盖。
- 将 7 号干电池放入，请注意电池极性。
- 关闭电池盖。

开 / 关机

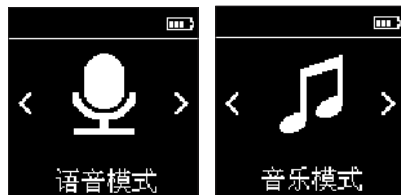
向下滑动开机键 2 到 3 秒钟后，本机立即自动开机或关机，然后显示“PHILIPS 开关机图标”，如下图所示。

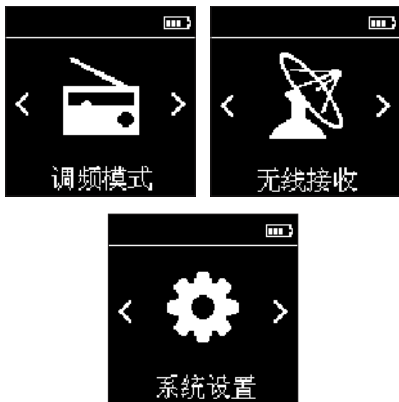


然后机器进入录音文件停止播放界面，如下图所示：



在此界面长按 MENU 键约 2 到 3 秒钟，机器返回主界面。在主界面中包含有五个模块。下面五张图片分别代表：语音模式、音乐模式、调频模式、无线接收和系统设置模块。





注意

- 除了录音、菜单和播放过程中，在其他任何界面下，长按 MENU 键约 2 到 3 秒可返回到主界面。

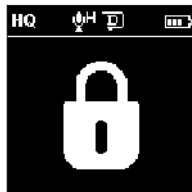


提示

- 如果长时间不使用录音笔，请取出电池，电池泄露会损坏录音笔。
- 如果录音笔无法正常工作，请取出电池，并再次放入。
- 更换电池前，请先关闭录音笔。录音笔工作时取出电池会损坏文件。

按键锁定（HOLD 功能）

将开机键向上推至锁定位置，锁定录音笔上除了拨动录音键的所有按键。然后屏幕上短暂显示“锁定图标”后，随即消失。如下图所示。



要解除按键锁定，请将开机键向下推至中间位置。



提示

- 关机状态，拨上锁键，按录音键可以开机，显示“锁定图标”后，关机。
- 开机状态，拨上锁键，按录音键可以正常录音，要保存录音或暂停录音，需要拔下锁键。

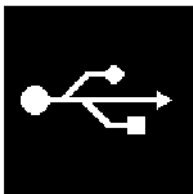


提示

- 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。
- 当录音笔与电脑连接时，对录音笔的手动操作将无效。

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，录音笔会自动显示为可移动设备，连接电脑图标如下图所示。



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！

在语音模式停止状态下，按“停止”键，选择所需文件夹。

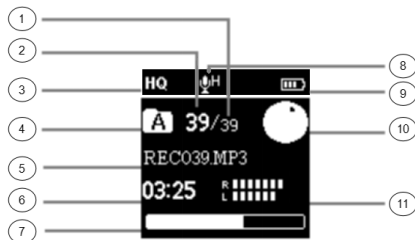
按“录音”键开始录音，“录音”指示灯红灯常亮；录音过程中请将内置麦克风对准音源。

按“录音”键暂停录音，“录音”指示灯红灯闪烁，显示屏显示录音状态图标显示暂停并闪烁。

再次按下“录音”键，继续录音。

按“停止”键结束录音，并回到当前录音文件的停止播放界面。

录音参考界面如下所示：



- ① 已有文件数
- ② 当前录音文件的数目
- ③ 录音类型
- ④ 当前文件夹
- ⑤ 当前文件名
- ⑥ 录音的持续时间
- ⑦ 录音进度条
- ⑧ 麦克风灵敏度
- ⑨ 电量指示
- ⑩ 录音状态
- ⑪ 录音能量条

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，请及时更换电池。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。



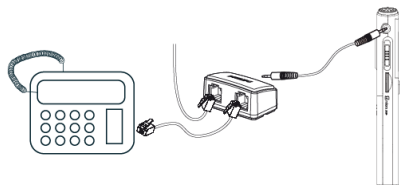
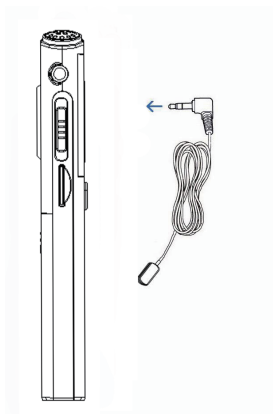
注意

- 在停止状态下，按停止键，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。
- 录音时请勿取出电池，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，请在录音前更换电池。
- 新电池最长可以支持约 27 小时录音。

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 Line in 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。注意外置麦克风的接口一定要是双声道接口，如下图所示。



使用电话录音

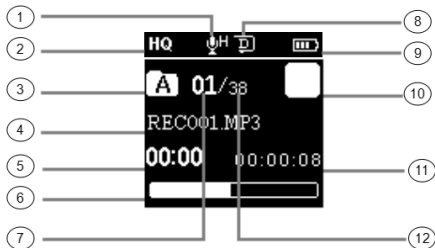
将外接电话线及附送的电话连线分别接入电话录音转接器，操作方式和使用外置麦克风录音相同。

6 语音模式

在主界面下，你可以使用“”和“”选择语音模式，然后短按菜单键确认进入。语音停止界面参考图片如下图所示：



语音文件播放界面说明：



- ① 麦克风灵敏度
- ② 录音类型
- ③ 当前文件夹
- ④ 当前文件名
- ⑤ 当前播放时间
- ⑥ 播放进度条
- ⑦ 当前播放序号
- ⑧ 循环模式
- ⑨ 电量指示
- ⑩ 播放状态
- ⑪ 当前文件总时间
- ⑫ 文件总数



注意

- 在停止状态下，按停止键，可以在 A, B, C, D 和 MUSIC 五个文件夹之间进行转换。

语音播放：

- 在录音文件停止播放模式下，按“停止”键，选择所需文件夹。
- 按“”或“”键，选择要播放的文件。
- 按“播放”键开始播放，“播放”指示灯绿灯常亮。

- 4 使用“+”键或“-”键调节音量。
- 5 按“停止”键结束播放。在停止播放状态下，长按“MENU”键约2秒返回到主界面。
- 6 播放过程中，按播放键暂停播放，“播放”指示灯绿灯闪烁，再次按下播放键，将继续先前位置的播放。
- 7 播放时长按“⏮”或“⏭”键，可快退或快进当前正在播放的文件。

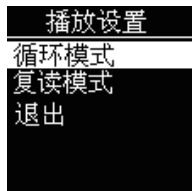


提示

- 当耳机插入耳机插孔内，录音笔扬声器将停止工作。

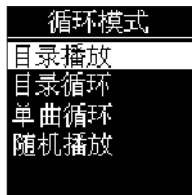
播放模式：

选择要播放的录音文件后，短按播放键播放，在播放过程中，短按菜单键，弹出如下播放菜单列表：循环模式，复读模式。参考界面如下：



循环模式

如上图选中“循环模式”菜单，再按菜单键，将会进入到循环模式选择菜单，你可以选择你需要的循环模式，参考界面如下图所示：



目录播放：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。

目录循环：循环播放选中目录的文件。

单曲循环：一直循环播放选中的当前曲文件。

随机播放：随机播放当前选中目录的文件。

复读模式

在播放菜单列表中选择“复读模式”菜单，再按菜单键将进入复读模式，参考界面如下图所示：



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。

删除文件：

在语音播放停止界面下，长按删除键，将会弹出功能菜单：删除文件、删除全部。

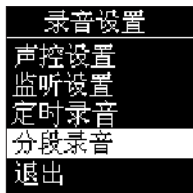
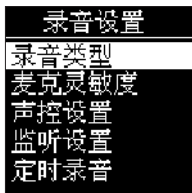


在左边界面，使用“+”键或“-”键选择删除单个文件或所用文件；在右边界面，使用“+”和“-”选择“OK”确认删除，“取消”保持文件；按菜单键执行命令。

个性化设置

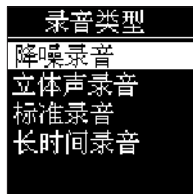
你可根据个人喜好进行以下相应设定。

在语音播放停止界面下，短按菜单键，将会弹出功能菜单列表，功能包括：录音类型、麦克风灵敏度、声控设置、监听设置、定时录音、分段录音。相关参考图片如下图所示：



录音类型

在功能菜单中，选择“录音类型”菜单，再按菜单键进入录音类型菜单。在录音类型菜单中有四种录音类型可供选择：“降噪录音”，“立体声录音”，“标准录音”，“长时间录音”。相关参考图片如下：



降噪录音：WAV 格式，比特率为 384kbps。

立体声录音：MP3 格式，比特率为 128kbps。

标准录音：MP3 格式，比特率为 32kbps。

长时间录音：MP3 格式，比特率为 8kbps。

麦克灵敏度

在功能菜单中，选择“麦克灵敏度”菜单。在麦克灵敏度菜单中有二种灵敏度可供选择：“高”，“低”。选择不同的灵敏度可以达到不同的录音效果。



声控设置

声控录音功能一旦被启用，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：



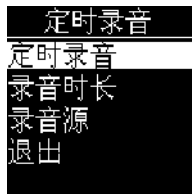
监听设置

监听功能打开后，你可以插入耳机检测是否有声音输入。监听设置参考界面图片如下：



定时录音

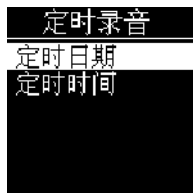
先预设一个时间，当系统时间到达预设时间时，系统将会自动录音。在功能菜单中，选择“定时录音”菜单，再按菜单键进入定时器设置菜单。参考界面如下图所示：



在此界面下，你可以选择“定时录音”菜单选项设置定时时间，选择“录音时长”菜单选项设置定时录音时长，选择“录音源”菜单选项设置录音源。

定时录音：

在定时录音设置菜单中，选择“定时录音”菜单，再按菜单键进入设置开始菜单。设定定时录音时间，定时录音时间设置参考界面如下图所示：



在此界面下，你可以设置一个时间，当系统时间到达设定时间时，系统将自动开始录音。

例如：选择“定时日期”菜单，将会显示如下参考界面：



在此界面下，按“+”或“-”与“”或“”可以设定日期。按“”或“”选择年、月、日；按“+”或“-”改变相应位置数值。

例如：选择“定时时间”菜单，将会显示如下参考界面：



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

录音时长：

在定时录音设置菜单中，选择“录音时长”菜单，再按菜单键进入为期设置菜单。定时录音时长选择功能，可以设置 30 分钟，60 分钟，120 分钟或者没限定录音时长，系统默认没有限制，定时录音时长设置参考界面如下图所示：



注意

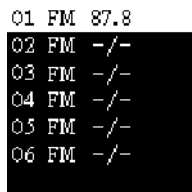
- 设定定时录音时，在关机状态一定要保证机器装上有电的电池，否则定时录音时间到时，无法执行定时录音。

录音源：

在定时录音设置菜单中，选择“录音源”菜单，再按菜单键进入录音源设置菜单。录音源选择功能，可以选择咪头（MIC）或者收音电台（FM）作为录音源，按“+”和“-”切换选择，系统默认录音源是咪头录音。录音源选择参考界面如下图所示：



如果选择收音电台作为录音源，如果系统里有保存好的电台，将会弹出如下参考界面；如果系统里没有保存好的电台，将会提示没保存好的电台，但会把电台默认在 94.2MHz。



01 是你已经保存好的收音电台，02、03、04、05、06 是还没保存的电台，选择你要录入的电台，再按菜单键确认。录音时，请确保录音笔已插上耳机，开启收音电台接收。

分段录音

在录音过程中，分段录音功能可在每 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。分段录音功能参考界面如下图所示：



7 音乐模式

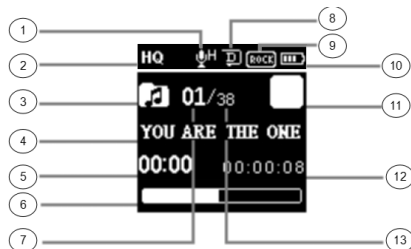
在主界面中，可以通过“”和“”键选择音乐模块，然后，短按菜单进入此模块；或者在语音模式下，通过文件夹切换键切换到音乐文件夹。音乐播放参考界面如下图所示：



注意

- 此符号标志指明处理或操作设备时必须遵守的各种注意事项。

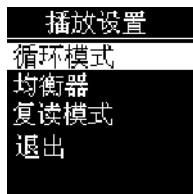
音乐播放界面说明：



- ① 麦克风灵敏度
- ② 录音类型
- ③ 音乐文件夹
- ④ 当前文件名
- ⑤ 当前播放时间
- ⑥ 播放进度条
- ⑦ 当前播放序号
- ⑧ 循环模式
- ⑨ 音效
- ⑩ 电量指示
- ⑪ 播放状态
- ⑫ 当前文件总时间
- ⑬ 文件总数

播放模式

你可以使用“”和“”选择你想听的歌曲，按播放键播放。播放过程中短按菜单键，弹出如下播放菜单列表：循环模式，均衡器，复读模式。参考界面如下图所示：



循环模式

当选其中一个菜单时，相应的区域将会变成白色。如上图选中“循环模式”菜单，再按菜单键，将会进入到循环模式选择菜单，你可以选择你需要的循环模式，参考界面如下图所示：



目录播放：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。

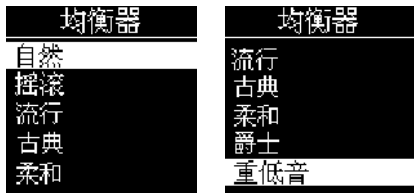
目录循环：循环播放选中目录的文件。

单曲循环：一直循环播放选中的一曲文件。

随机播放：随机播放当前选中目录的文件。

音效模式

在播放菜单列表中选择“均衡器”菜单，再按菜单键将进入音效模式，音效模式包括以下音效：“自然、摇滚、流行、古典、柔和、爵士、重低音”，参考界面如下图所示：



在音效模式中，你可以使用“+”或“-”选择相应模式，再按菜单键确认。

复读模式

- 在播放菜单列表中选择“复读模式”菜单，再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”键进入播放菜单，然后短按“+”键或“-”键选择“复读模式”选项，再按“菜单”键返回到播放状态，但此时 LCD 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 LCD 屏中“A-B”的 B 在闪烁，再短按“”键，设置复读终点 B，此时 LCD 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。

删除文件

此操作去请参照语音文件的删除文件部分。

8 调频模式

在主界面下，选择调频模式，再按菜单键进入调频模式。调频模式参考界面如下图所示：



注意

- 此符号标志指明处理或操作设备时必须遵守的各种注意事项。

注意：请插入耳机接收无线电台。声音只能通过耳机接收到。
在调频模式下，短按“**▲**”或“**▼**”键选择频点；短按菜单键，将会弹出如下子菜单，包括：自动搜台、保存电台、电台录音、删除电台、删除全部。

收音机设置

自动搜台

保存电台

电台录音

删除电台

删除全部

当自动搜台菜单被选择时，系统将会自动搜索电台，当一个电台被检测到时，这个电台将会被自动保存在列表中。自动搜索完电台后将显示下图：

收音机设置

01 FM 87.8

02 FM 89.8

03 FM 91.8

04 FM 92.5

05 FM 94.2

你也可以通过选择保存电台菜单手动保存电台。选择删除电台菜单删除当前保存的某一电台，或选择删除所有电台菜单删除所有保存的电台。机器最多只能保存 40 个电台，当保存的电台数量多于 1 个后，短按“播放 / 暂停”键依次以递增的方式切换所保存的电台；短按“停止”键依次以递减的方式切换所保

存的电台。

如果你选择电台录音菜单，系统将会执行电台录音功能。电台录音的录音类型为当前所选择的录音类型。电台录音参考界面如下图所示：



9 无线接收模式

在主界面下，选择无线接收模式，再按菜单键进入无线接收，确认无线麦克风已经开启。系统内置两个频道可供选择。在使用前请分别将机器和无线麦克风的频道设定好，例如：如果设定了机器的工作频道为频道 1，那么也请将无线麦克风的工作频道设定至频道 1。如果二者不对应，就会出现机器无法接收到无线麦克风声音的问题。无线接收参考界面如下图所示频道 1 频道 2。



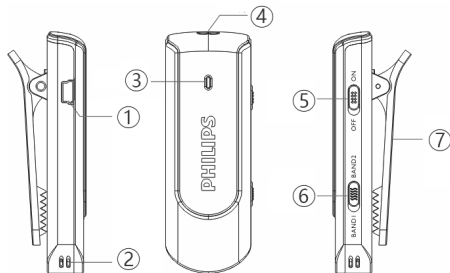
注意

- 启用无线模式时，请插入耳机。声音只能通过耳机听到。
- 在此界面下，请通过按“◀”键或“▶”切换频道。当频道设定好后，按“播放”键，系统将会进入无线接收录音模式。进行无线录音，前提是无线麦克风在工作且在对应的频道。按“停止键”“保存无线接收录音。
- 无线接收录音模式参考界面如下图所示：



无线录音的最大范围是 20-30 米，建议在此范围内使用，且尽量不要有障碍物遮挡；如果超出使用范围，或者在一些特殊场景，如：有射频干扰源、大型机械作业、变电站等地点，有可能导致无线接收效果变差。无线录音时可用耳机实时监听录入的声音。

10 无线麦克风使用说明



- ① USB 充电端口
- ② MIC
- ③ 无线指示灯
- ④ 信号线
- ⑤ 电源开关
- ⑥ 频道切换
- ⑦ 背夹

无线麦克风使用说明：

开 / 关机：将开关拨动到“ON”处开机，同时工作指示灯显示蓝色。将开关拨动到“OFF”处关机，工作指示灯熄灭。

充电：该无线麦克风可用录音笔充电器或电脑进行充电，一般充电时间约为 2 小时。充电时请将“ON/OFF”开关拨动到“OFF”位置，工作指示灯显示为红色，充满电后红灯熄灭。

使用距离：在无阻隔的条件下，无线麦克风有效工作距离约为 20-30 米。

工作时间：充满电后，无线麦克风可连续工作约 7 小时左右。

无线麦克风使用注意事项：

第一次使用无线麦克风时，请先将机器充电 2 小时后使用，以保证机器有电工作。

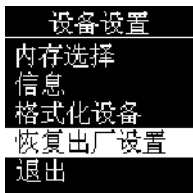
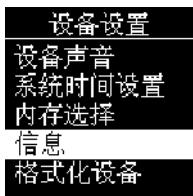
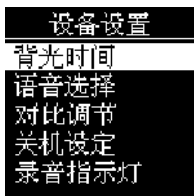
在不使用无线麦克风时，请将“ON/OFF”开关拨到“OFF”位置。为了获得更好的信号，使用无线麦克风时请将天线伸展拉直。

在使用过程中发现工作指示灯不亮或无线麦克风不工作，请使用充电器或使用 USB 连接线连接电脑充电，充电后方可使用。

请勿在充电过程中使用无线麦克风。

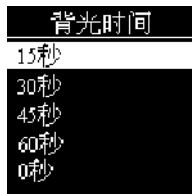
11 系统设置

在主菜单下，选择系统设置模块，再按菜单键将会进入系统设置界面。系统设置界面相关参考图片如下图所示，包括：背光时间、语言选择、对比调节、关机设定、录音指示灯、设备声音、系统时间设置、内存选择、信息、格式化设备、恢复出厂设置。



(1) 背光时间

背光时间有五种时长可供选择：15 秒，30 秒，45 秒，60 秒和恒亮（0 秒）。如果在设定的时间内没对机器做任何操，背光将会自动灭。如果选择恒亮，背光将会恒亮。背光设置参考图片如下：



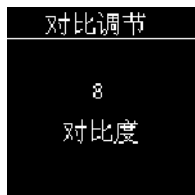
(2) 语言选择

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：



(3) 对比调节

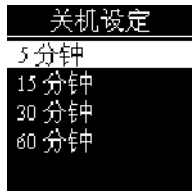
使用此功能，你可以调节 LCD 屏幕的对比度。参考图片如下：



(4) 关机设定

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：



(5) 录音指示灯

使用此功能，你可以打开或关闭录音指示灯。参考图片如下：



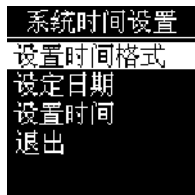
(6) 设备声音

在按键音设置菜单中，你可以选择打开或关闭设备声音。关闭设备声音后，在任何按键操作，设备声音都不会起作用。参考图片如下：



(7) 系统时间设置

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。

按停止键可以退出当前界面回到上一级菜单。

例如：选择“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 24 小时制。

例如：选择“设定日期”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。

例如：选择“设置时间”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。

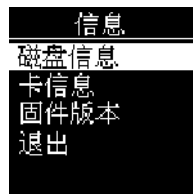
（8）内存选择

在内存选择菜单中，你可以选择一种存储方式来存储录音文件。内存选择参考界面如下：



（9）信息

使用此功能，你可以随时查看磁盘信息，卡信息，固件版本信息。参考图片如下：



例如：选择“磁盘信息”菜单，你可以随时查看内置存储器的空间总容量和剩余空间。将会显示如下参考界面：



例如：选择“卡信息”菜单，你可以随时查看 SD 存储器的空间总容量和剩余空间。将会显示如下参考界面：

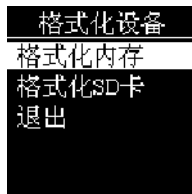


例如：选择“固件版本”菜单，你可以查看此机器的软件版本。将会显示如下参考界面：



(10) 格式化设备

使用此功能，你可以选择是否格式化本机器内存或格式化 SD 卡内存。参考图片如下：



（11）恢复出厂设置

使用此功能，你可以恢复到原出厂时的设置。参考图片如下：



12 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

无法启动录音笔：

电池电量已耗尽或电池未正确放入。更换新电池，并检查电池是否正确放入。

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：

录音笔可能处于锁定模式（HOLD）。将开机键向下推至中间位置。电池电量已耗尽或电池未正确放入。更换新电池，并检查电池是否正确放入。

13 技术参数

存储器

内置存储空间

参考录音时间（8GB）：长时间录音模式约 2160 小时、标准录音模式 544 小时、高音质录音模式约 136 小时、降噪录音模式约 46 小时、PCM 线性录音模式约为 11 小时。

内置存储器类型：NAND Flash 闪存

移动存储器（PC）：是

尺寸和重量

宽 × 高 × 深：36×108.0×13(mm)

重量（含电池）：32.4g

系统要求

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

接口：USB 接口

录音

PCM 录音（PCM）：比特率为 1536kbps，格式为 WAV

降噪录音（NOISE CUT REC）：比特率为 384kbps，格式为 WAV

立体声录音（HQ）：比特率为 128kbps，格式为 MP3

标准录音（SP）：比特率为 32kbps，格式为 MP3

长时录音（SLP）：比特率为 8kbps，格式为 MP3

运行条件

温度：5° - 45° C

空气湿度：10% - 90%，不凝结

Content

I Welcome	40
Product Features	40
2 Important	41
Safety	41
Hearing safety	41
3 Your Voice Tracer digital recorder	42
What's in the box?	42
Overview:	42
4 Start to Use	44
Insert Battery	44
Power On/Off	44
Keypad Lock (HOLD Function)	45
PC Connection	46
5 Recording	47
Use an External Microphone to Record	49
Telephone Record	49
6 Voice Mode	50

Voice Playback Interface Specification:	50
Voice Playback	51
Playing Modes	51
Delete Files	52
Record Settings	53

7 Music mode	58
Music playback Interface illustration	58
Playing Mode	59
(1)Repeat	59
(2)Equalizer	59
(3)A-B Replay	60
Delete Files	60

8 Radio Mode	62
---------------------	-----------

9 Wireless Microphone Mode	64
-----------------------------------	-----------

10 The wireless microphone user manual	66
The wireless microphone instructions:	66
Notice for the wireless microphone:	66

11 Setting Mode	67
Backlight Time	67
Language	67

Contrast	68
Auto off	68
Record lamp	68
Device sounds	69
Date/Time	69
Memory select	70
Information	70
Format device	71
Reset default	71

12 Frequently Asked Questions	73
Cannot switch on the device:	73
Cannot record with the device:	73
The device cannot play recorded audio:	73

13 Technical Parameters	74
Storage	74
Dimensions and Weight	74
System requirement	74
Recording	74
Operating conditions	74

I Welcome

Welcome to the world of Philips! We are honored by your choice and purchase of Philips' products. You can have Philips' comprehensive technical supports from our website, e.g. user's manuals, software, warranty information etc. www.philips.com

Product Features

One-touch Recording: Just slide the recording switch upward to start recording, turn off to save file.

Digital Noise Reduction: Effectively filter the ambient noise in the recording environment, to enable crystal clear recording.

(This feature should only be used in noisy environment.)

Record in common MP3 and WAV format.

USB 2.0 high speed data access.

Voice-activated recording.

USB mass storage, ensuring maximum compatibility.

2 Important

Safety

To avoid a short circuit, do not expose the product to rain or water.

Do not expose the device to excessive heat caused by heating equipment or direct sunlight.

Protect the cables from being pinched, particularly at plugs. Attention! Before using the device please read this User's Manual carefully. The company shall not be liable for any data loss due to erroneous operation or causes of a force majeure. Special attention should be given to correct operations and files back up.

Hearing safety

Observe the following guidelines when using your headphones:

Adjust to suitable volume; do not use the earphone for a long time.

Please remember that do not turn the volume up beyond your tolerance.

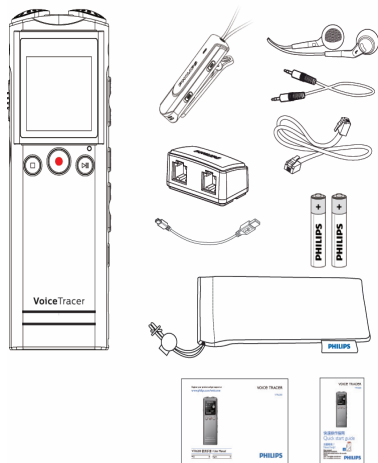
Do not turn up the volume so high that you can't hear what's around you.

When in dangerous environment, please carefully use the earphones or stop using.

Do not use the earphones when driving, cycling, and skateboarding to avoid traffic accident and violating laws and regulations.

3 Your Voice Tracer digital recorder

What's in the box?



Overview:



- ① Line in Jack
- ② Power On,Power Off,HOLD Buttons
- ③ TF Card
- ④ Left built-in Microphone
- ⑤ Record Button
- ⑥ Stop Button ,File Folder Switch Button

- ⑦ Right built-in Microphone
- ⑧ Display
- ⑨ Previous Track,Fast Backward
- ⑩ Record/Play Indicator
- ⑪ Play/Pause
- ⑫ Volume up Buttons
- ⑬ Delete button
- ⑭ Earphone Jack
- ⑮ Next Track,Fast Forward
- ⑯ Menu Selection Buttons
- ⑰ Volume down Buttons
- ⑱ USB Port
- ⑲ Speaker

4 Start to Use

Insert Battery

- (1) Open the battery cover.
- (2) Insert the battery, please be careful with the polarity.
- (3) Close the battery cover.

Power On/Off

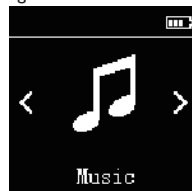
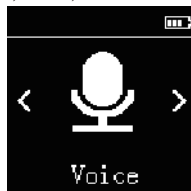
Slide and hold POWER button for 2 seconds, the device starts or shutdown automatically and then displays "Philips icon", as shown below.

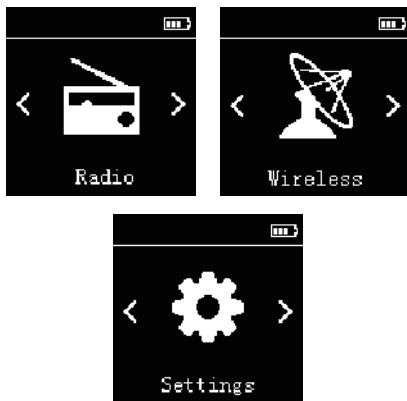


Then the device displays the stopped playing interface:



Press MENU button for 2 or 3 seconds to return to the main interface. The main interface includes fire modes. The following four pictures show the modes respectively: Music, Voice, Radio, Wireless and Setting Mode.





Note

- When not taking voice recording and playing audio files, on any other interface, users can press MENU button for 2 or 3 seconds to return to main interface.



Note

- Please take out the battery if the device will be idle for a long time. Battery leakage may damage the device.
- In the event that the device cannot work normally, please take out the battery and put them in again.
- Before replacing the battery, please first power off the device. Taking out the battery with the device is switched on may damage the files.

English

Keypad Lock (HOLD Function)

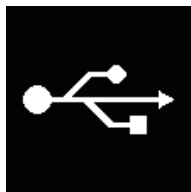
- (1) Slide the POWER button to the lock position to lock all the buttons on the device, except the slide switch of recording. Then "Hold" is displayed for a while and then disappears.



(2) To unlock buttons, please slide the POWER button down to OFF.

PC Connection

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

- When moving files into or out of the device, please do not disconnect the device from the computer.
- While the device is connected to a computer, it cannot be operated manually.

5 Recording

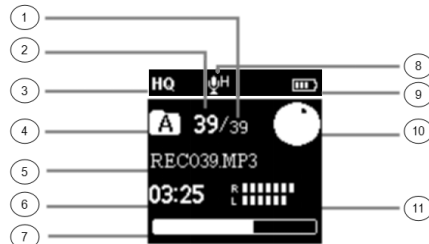
Before using the device, please read carefully the following instructions.

- (1) In the stop state of voice mode, press "STOP" button to select the folder you prefer.
- (2) Press "REC" button to start recording; the red "Record" indicator is on; please place the built-in microphone towards the source of sound.
- (3) Press "REC" button to pause recording, then the red "Record" indicator red light starts flashing, and the display shows the recording "Pause" status icon and flashing.
- (4) Press "REC" button again to resume recording.
- (5) Press "STOP" button to "STOP" to end recording, the device returns to the stopped playing interface of current recorded file.

Recording Interface Reference:



Illustration of Recording Interface:



- ① Already existing file number
- ② The current file's number
- ③ Record type
- ④ Current Folder
- ⑤ Current file name
- ⑥ Current Time
- ⑦ Recording the progress bar
- ⑧ Mic gain
- ⑨ Battery
- ⑩ Record State
- ⑪ Recording the energy bar



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 change battery promptly. When the device is to shut down due to low



battery, the following icon will display.

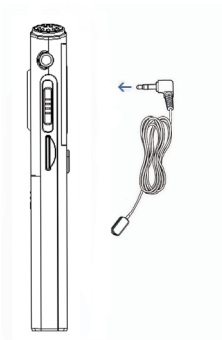


Note

- Prior to recording, please preset the record type you need. When in the Stop state, press STOP 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, do not take out the battery, which may cause malfunction, loss or damage of recorded file and so on may be resulted.
- If need to record for a long time, please replace the old battery with new ones.
- New batteries will allow you to record for approx 27 hours.

Use an External Microphone to Record

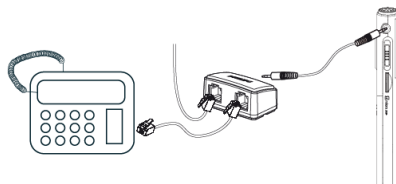
When using an external microphone to record, please first plug it into the Line in jack, and then record according to the procedures of built-in microphone. After you connect the external microphone, the built-in microphone is disabled. When using an external microphone to record, record type automatically become "HQ REC". Please note that the plug of the external microphone must be stereo plug, as shown in the picture below.



Telephone Record

Connect the telephone cable come with the device and external telephone cable to telephone recording adapter. The operation is similar to recording with microphone.

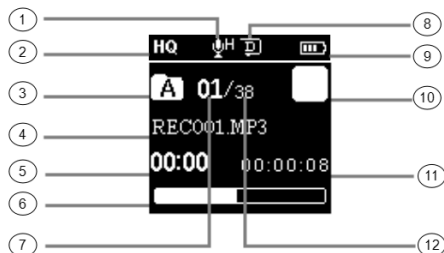
English



6 Voice Mode

On the main interface you can select the voice mode with “A screenshot of the 'Voice Stop' interface on a device. The screen is black with white text. At the top, it shows 'HQ' and a battery icon. Below that, there's a status bar with 'A 01/38' and a square icon. The main text reads 'REC001.MP3'. Below that, it shows '00:00' and '00:00:08'. At the bottom, there's a progress bar.

Voice Playback Interface Specification:



- ① Mic gain
- ② Record type
- ③ Current Folder
- ④ Current File Name
- ⑤ Current Time
- ⑥ Playback progress bar
- ⑦ Current file
- ⑧ Circulation Mode
- ⑨ Battery
- ⑩ Current Play State
- ⑪ Total Time
- ⑫ The total files



Note

When in Stop state, press STOP button to switch between folders A, B, C, D and MUSIC.

Voice Playback

- (1) In the Stop Mode of recorded file, press STOP button to select the folder you prefer.
- (2) Press "▲" or "▼" to select a file to play.
- (3) Press Play button to start playing, green "Play" indicator is on .
- (4) Press "+" and "-" to adjust volume.
- (5) Press STOP to stop playing. When the playing is stopped, press the MENU button for about 2 seconds to return to the main interface.
- (6) When playing, press PLAY to pause, "Play" indicator green light starts flashing, press PLAY again to continue playing.
- (7) When playing, press "▲" or "▼" for a few seconds to fast forward or backward.



Note

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

Playing Modes

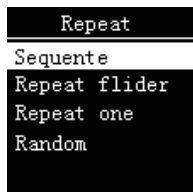
After the audio file is selected, press the PLAY button shortly to play. When playing, press shortly the MENU button to pop up the following playing modes: Repeat, A-B Replay, Replay times, and Replay gap, Play speed. See the below interface reference:

English



(1) Repeat Modes

Select Repeat shows in above picture, then press MENU button to enter repeat modes selection menu. You can choose the repeat mode from the menu as shown in the following picture:



Repeat one: repeat continuously the current track.

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

Repeat Folder: Repeat tracks on a playlist.

Random: Play randomly tracks in selected folder.

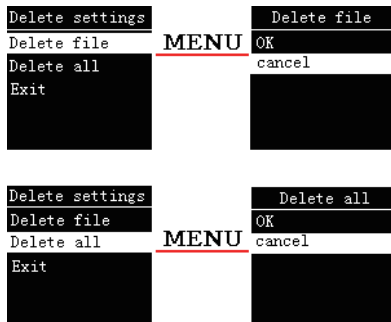
(2)A-B Replay

Choose "A-B Replay" from the Playing Modes, then press MENU button to enter A-B Replay. For operations of A-B Replay please refer to A-B Replay section in "Music playback".



Delete Files

On the stopped playing voice interface, long press the delete button to pop up the following menu list: Delete file, Delete all and Exit. Below are the pictures of the deletion operations:

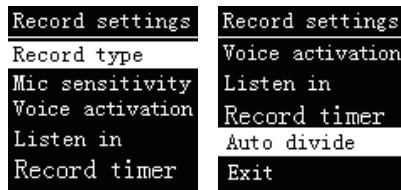


On the left side of the interface, press “+” or “-” button to select individual or all files; on the right side of the interface, press “+” and “-” to choose “ok” to confirm deletion, “cancel” to keep file; press MENU button to execute.

Record Settings

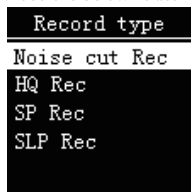
You can change settings according to your preference. On the stopped playing interface, shortly press the MENU button to pop up Functions Menu, the functions include: Record type, MIC sensitivity, Voice activation, Listen in,

Record timer, Auto divide. See the below related reference pictures:



(1) Record type

From the Functions Menu select “Record type”, then press MENU button to enter Record type Menu, in which there are four Record types to select: NOISE CUT REC, HQ REC, SP REC and SLP REC. See the below related reference pictures:



NOISE CUT REC: WAV format, bit rate: 384kbps.
HQ REC: MP3 format, bit rate: 128kbps.

SP REC: MP3 format, bit rate: 32kbps.

SLP REC: MP3 format, bit rate: 8kbps.

(2) MIC sensitivity

From the Functions Menu select "MIC sensitivity", then press MENU button to enter "MIC sensitivity" Menu, in which there are two MIC sensitivity to select: High, Low. Choose a different microphone gain can achieve different record effects.

Mic sensitivity

High

Low

(3) 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:

Voice activation

On

Off

(4) Listen in

After activating the Listen In function, you can connect an earphone to listen if there's any sound output. See the Listen in function setting interface picture as follows:

Listen in

On

Off

(5) Record 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 the "Record Timer", then press the MENU button to enter "Record Timer" setting. See the

below reference picture:



In this interface, you can choose to "Record Timer" menu option set the time to start recording, choose "Duration" menu option set the timing recording time, choose the "Record source" menu option set the audio source.

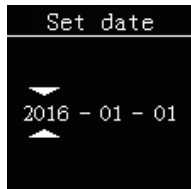
Record Timer:

From the "Record Timer" Menu select "Record Timer", then press MENU button to enter "Record Timer" Menu.

See the below reference picture:



On this interface, you can set a time, as the system time turns the set time, the system automatically starts recording. For instance: choose "Set date", the following interface will pop up:



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

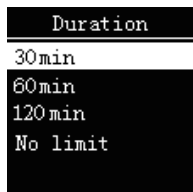
For instance: choose "Set time", the following interface will pop up:



On this interface, press “⏮” or “⏭” to set time. Press “⏮” or “⏭” to select hour and minute; press “+” or “-” to change the relevant numbers.

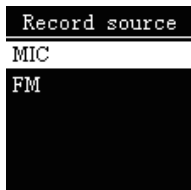
Duration:

From the “Record Timer” Menu select “Duration”, then press MENU button to enter “Duration” Menu. You can set the recording duration to 30, 60, 120 minutes or infinite. The system default Duration is infinite. The recording duration setting as follows:

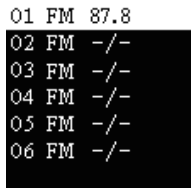


Record source:

From the “Record Timer” Menu select “Record source”, then press MENU button to enter “Record source” Menu. You can choose microphone or radio channel as sound source. Press “+” and “-” to select. The system default sound source is microphone. For choosing sound source please refer to the below picture:



If choose the radio channel as a REC source and there are saved channels in the system, the below interface will show; if there's no saved radio channel in the system, the system will notify that no saved channel available, and set the channel at 94.2MHZ as default.



Channel 1 is saved channel, channel 2, channel 3, channel 4, channel 5 and channel 6 are not saved channels. Select the one you want to record, then press MENU button to confirm.

At the time of recording, make sure to have the earphones connected to the device to enable radio reception.

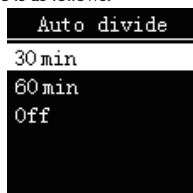


Note

when using record time setting, must sure the machine fitted with a battery . Otherwise the record time can't be started at the set time.

(6)Auto divide feature recording

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:



7 Music mode

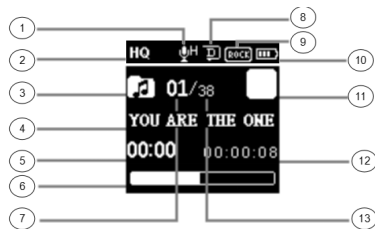
From the main interface, you can choose music mode with “” or “” buttons, and then shortly press the MENU button to enter; or in the voice mode, use the switch buttons to switch to the music folder. Music playback interface is as follows:



Note

music files can only be played when they are in “MUSIC” folder.

Music playback Interface illustration



- ① Mic gain
- ② Record type
- ③ Music Folder
- ④ Current File Name
- ⑤ Current Time
- ⑥ Playback progress bar
- ⑦ Current file
- ⑧ Circulation Mode
- ⑨ EQ
- ⑩ Battery
- ⑪ Current Play State
- ⑫ Total Time
- ⑬ The total files

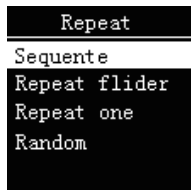
Playing Mode

You can select the track you want by pressing “⏮” or “⏭”, then press PLAY to play. When playing, shortly press the MENU button, the below menu pops up with modes of: Repeat, Equalizer and A-B Replay. See the interface as follows:



(1) Repeat

As illustrated, “Repeat” is selected, then press MENU button to enter the Repeat Selection Menu. You can choose the preferred repeat as follows:



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

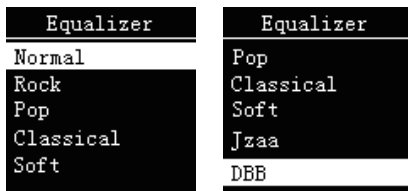
Repeat folder: Repeat tracks on the selected playlist.

Repeat one: repeat continuously the selected track.

Random: Play randomly tracks in selected folder.

(2) Equalizer

From the Playing Menu select “Equalizer”, press MENU button to enter. The Equalizer includes: Normal, Rock, Pop, Classic, Soft, Jazz, and DBB. Refer the below pictures:



In the Equalizer Mode, you can choose mode with “+” and “-” buttons, press MENU button to confirm.

(3)A-B Replay

From the Playing Menu select the “A-B Replay”, press MENU button to enter.

Set A-B Repeat

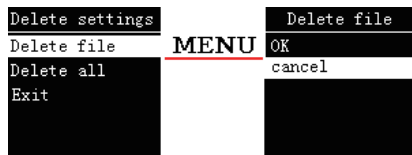
- Set the start mark: When playing, shortly press MENU button to enter Playing Menu, then shortly press “+” or “-” to select “A-B Replay” mode, then press MENU button to return to Playing Menu. The “A” in “A-B” on LCD display flickers, if you need to confirm the start point A, shortly press “” to make 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 “PLAY” button to cancel the AB marks and pause playing.
- Shortly press “STOP” button to cancel the AB marks and stop playing.
- Shortly press “MENU” button to cancel the AB marks and continue playing.

Delete Files

On the stopped playing voice interface, long press the delete button to pop up the following menu list: Delete file, Delete all and Exit. 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 “ok” to confirm deletion, “cancel” to keep file; press MENU button to execute.

8 Radio Mode

From the main menu select Radio Mode, press MENU button to enter. See the below picture of Radio Mode:



Note

- Please plug in the earphones. They allow radio reception. Sound can only be heard in the earphones.
- In the Radio Mode, press "F" or "M" button to choose radio frequency; press MENU button to display the following menu, including: Auto search, Save Channel, FM record, Delete, Delete All.

Radio settings

Auto search
save channel
FM Record
Delete
Delete all

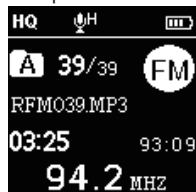
After Auto Search is selected, the system automatically searches radio channels. When a radio channel is found, the channel will be saved automatically into radio channel list. When the automatically channel search is completed, it shows the interface as below:

Radio settings

01 FM 87.8
02 FM 89.8
03 FM 91.8
04 FM 92.5
05 FM 94.2

You can choose Save Channel to save it. Choose Delete to delete a current saved channel or Delete all saved channels. The device can store 40 radio channels at most. After more than one radio channel is stored, short press "PLAY" or "STOP" to switch among saved radio channels in sequence.

If you choose FM record, the system starts recording the radio. see the interface picture below:



9 Wireless Microphone Mode

Select Wireless Mode on the main interface, press MENU to enter. Make sure to switch wireless MIC on. There are two built-in frequency channels available in the system. Please set the device's working channel and the working channel of the wireless microphone to the same channel, for example: if the device's working channel is set at Channel 1, then the wireless microphone's working channel has to be set at Channel 1 too. If the channels don't match, the device cannot record sound from the wireless microphone.

Wireless reception interface picture as follows:



Note

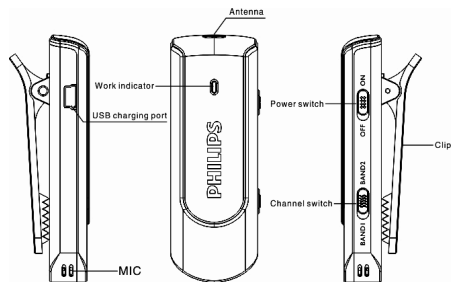
- please plug in the earphones. They allow radio reception. Sound can only be heard in the earphones.
- On this interface, press “◀” or “▶” to switch channel. After the channel is set, press “PLAY” button to enter recording mode through wireless reception. In order to start wireless recording, the wireless microphone must be working on the same channel with the device. See the below interface picture of Wireless Mode:



The maximum working range of wireless recording is between 20 to 30 meters. Thus, the wireless recording within this range is suggested, and please try to avoid any barriers that may weaken the signal. If wireless recording works beyond the reception range, or the wireless recording happens in special occasions nearby radio frequency interference, large sized working machines or substations are around, recordings

with low sound quality may be resulted. During the course of wireless recording, earphone can be plugged in to monitor the sound being recorded.

10 The wireless microphone user manual



The wireless microphone instructions:

Power ON/OFF: slide the switch to the position of “ON” to switch on the device. When the device powers on, indicator light turns blue. When slide the switch to the position of “OFF”, indicator light turns off and the device powers off.

Charging: please use the charger for voice recorder or connect the device with PC via USB cable to charge the

device. When the device is charging power, please slide the switch to the position of “OFF”. The general charging time for the device is about two hours. Indicator light turns red when the device is charging power and turns off after the device being fully charged.

Working distance: under the barrier-free environment, the effective working distance for the device is between 20 and 30 meters.

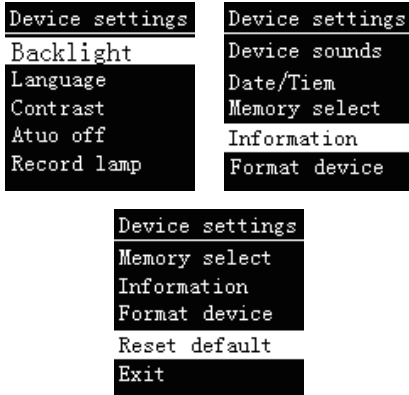
Working time: the device can work continuously for around 7 hours after being fully charged.

Notice for the wireless microphone:

- Please charge the device for two hours before using it for the first time, in order to ensure the device work properly.
- Please slide the “ON/OFF” switch to the position of “OFF” when the device is not in use.
- Please stretch the antenna straight to ensure better signal transmission.
- If the indicator light or the device is not working when being used, please recharge the device and try to power it on again.
- Do not use the device when it is charging power.

11 Setting Mode

From the main menu select Setting mode, press MENU button to enter. The Setting mode interface includes: Backlight, Language, Contrast, Auto off, Record lamp, Device sounds, Date/Time, Memory select, Information, Format device, Reset default.



Backlight Time

The backlight time function can be set at: 15, 30, 45 and Off. If there's no operation on the device for the set time, the backlight turns off automatically. If you select Off, the backlight is to be always. See the below picture of Backlight Time setting:



Language

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



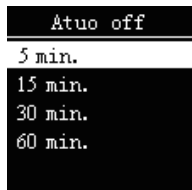
Contrast

The higher the contrast, the whiter is the LCD display. See the below interface picture of adjusting contrast:



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:



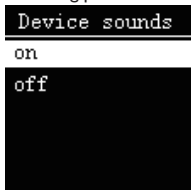
Record lamp

From the Record lamp settings menu, you can choose to open or close the Record lamp. See the following picture:



Device sounds

From the Device sounds settings menu, you can choose to open or close the Device sounds. After closing Device sounds, the Device sounds will not work in any key operation. See the following picture:



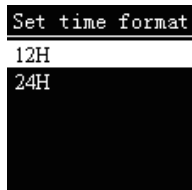
Date/Time

See the Date/Time interface as follows:

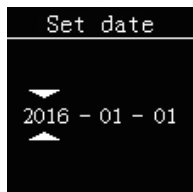


On this interface, you can set the current system time and display format. Press STOP return to the previous level submenu.

For example: select "Time Format" to show the following menu:



There are 2 time formats to choose, namely 12-hour format and 24-hour format. The system default is 24-hour format. Choose "Set date", the following interface will pop up:



Choose "Set time", the following interface will pop up:

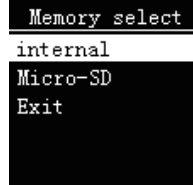


On the above interfaces, press "▲" or "▼" and "+" or "-" to set the time. Press "▲" or "▼" button to select year, month, day, hour, minute and second; press "+" or "-" to change the relevant numbers.

Memory select

You can choose the memory form "internal" or "Micor-SD"

to store the recording file. See the following picture:



Information

Use this function to check the remaining storage capacity anytime.

You can check the memory information, Micor-SD information and firmware version of this device by using this function. See the below picture:



For example: select “Memory info” to show the following menu:

```
Memory info
Memory capacity
Remain. memory
```

For example: select “Micor-SD info” to show the following menu:

```
Micro-SD info
Memory capacity
Remain. memory
```

For example: select “Firmware ver” to show the firmware version:

```
Firmware ver

2016-01-07-V1.0
```

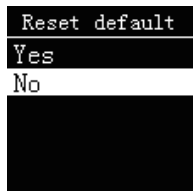
Format device

You can choose to format internal memory by using this function. See the below picture:

```
Format device
Format memory
Format SD card
Exit
```

Reset default

You can restore to default settings by using this function. See the below picture:



12 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

Cannot switch on the device:

Batteries are empty or inserted incorrectly. Replace the old battery with new one, and check if batteries are correctly inserted.

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 OFF position.

(2) Batteries are empty or inserted incorrectly. Replace the old batteries with new ones, and check if it is correctly inserted.

13 Technical Parameters

Storage

Internal storage

Estimated recording time (8GB): approximately 2160 hours with Long Recording mode, 276 hours with Standard Quality Recording mode, 544 hours with High Quality Recording mode, 46 hours NOISE CUT REC Recording mode, 11 hours with PCM mode.

Type of internal storage: NAND Flash

Portable storage (PC): Yes

Dimensions and Weight

Wide × Long × High: 36 × 108.0 × 13 (mm)

Weight (with battery): 32.4g

System requirement

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

Port: USB

Recording

PCM: bit rate: 1536kbps, format :WAV

NOISE CUT REC: bit rate: 384kbps, format :WAV

Stereo REC(HQ) : bit rate: 128kbps, format: MP3

Standard REC(SP) : bit rate: 32kbps, format: MP3

Long REC(SLP) : bit rate: 8kbps, format: MP3

Operating conditions

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

Warranty card

质保书

1

year warranty

一年质保

Type: VTR6200

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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