PHILIPS

VoiceTracer

数码录音笔

VTR5101

使用手册

User manual

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1 欢迎

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产品特点

- 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，推荐在嘈杂环境中使用该功能，此功能为 PCM 降噪录音类型。
- 跟读功能：可以实现录音 / 音乐文件边播放边跟读，适用于学习。
- 复读功能：可以实现录音 / 音乐文件边播放边复读，适用于学习。
- 以常见的 MP3 / WAV 格式录音。
- 使用高速 USB 2.0 快速存取录音和数据。
- 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。
- 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。

小心

- 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。
- 图像仅作参考。飞利浦保留更改颜色 / 外观 / 设计 / 参数 / 产品功能的权利，硬件、软件、APP 如有更新，恕不另行通知。

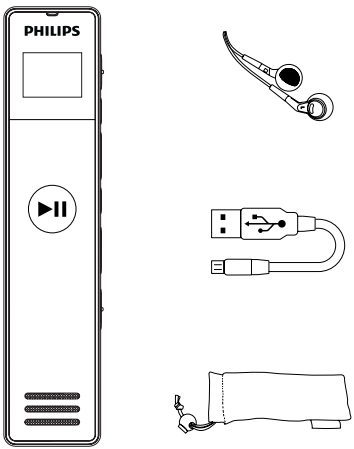
听力保护

使用耳机时请遵守下列原则：

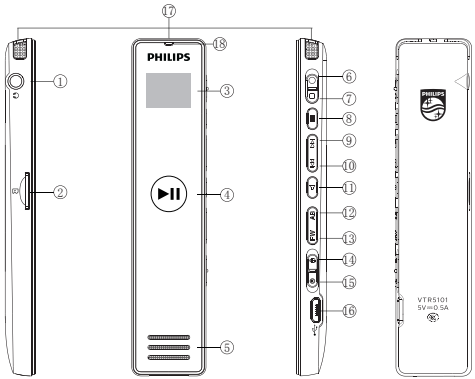
- 调整至合适的音量，切勿长时间使用耳机。
- 特别需要注意，切勿将音量调至耳朵所能承受的范围之外。
- 切勿将音量调至盖过周边环境的声音。
- 在危险情况下请小心或暂停使用耳机。
- 在驾驶汽车、骑自行车、玩滑板时，切勿使用耳机。否则会导致交通意外，且违反相关法律法规。

3 您的数码录音笔

供货范围：



概览：



① 耳机
② SD卡座
③ 显示屏
④ 播放键/暂停
⑤ 喇叭
⑥ 录音键
⑦ 停止键
⑧ 菜单键
⑨ 上一曲/音量+/快退
⑩ 下一曲/音量-/快进
⑪ 音量键
⑫ AB复读键
⑬ 跟读键
⑭ 锁键
⑮ 开机/关机键
⑯ USB接口
⑰ 咪头网
⑱ 指示灯

4 开始使用

4.1 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！

(1) 当机器处于开机状态，电源开关拨到“⏻”位置 3 秒后，本机立即自动关机。

(2) 当机器处于关机状态，电源开关拨到“⏻”位置 3 秒后，本机立即自动开机，然后显示“PHILIPS”，如下图所示。

然后直接进入语音模式，短按“菜单键”进入语音模式设置。长按“菜单键”进入应用选择设置。

提示

- 本机使用内置锂电池供电。
- 如果录音笔无法正常工作，请确认机器是否已没电。
- 机器工作过程中，请勿直接把电源切断，否则会损坏文件或导致机器导常。
- 当电量指示标志为“▭”时，请及时充电；低电时界面提示如下图：

4.2 充电方法

(1) 使用 USB 数据线将本机与 PC 相连接。

(2) 使用专用充电器充电。

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。

4.3 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 VTR5101。

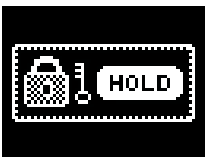
提示

- 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。
- 连接电脑拷备文件时，请使用后面的 USB 接口。

USB 联机、充电界面如下：

4.4 按键锁定

(1) 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。然后屏幕上显示 “锁定图标”，如下图所示。



(2) 要解除按键锁定，请将开机键向下推至中间位置。

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，短按“音量键”（▽）切换目录，选择要存放的文件夹目录 A、B、C 或者 D。

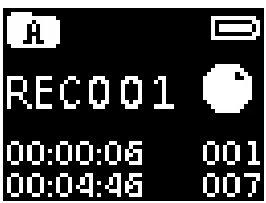
(2) 拨动“录音键（ ）”至 开始录音，红色指示灯常亮，显示屏显示“录音”；录音过程中请将内置麦克风对准音源。

(3) 按“播放键”（▷▯▯）暂停录音， 红色指示灯闪烁，显示屏显示“暂停中”。

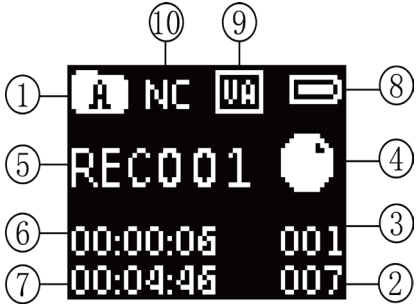
(4) 再次按“播放键”（▷▯▯），继续录音。

(5) 拨动“录音键”（ ）至 停止位置 保存录音，红色指示灯熄灭，并返回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：



①当前文件夹　②文件夹已有文件总数
③当前文件序号　④录音状态
⑤当前录音名称　⑥录音持续时间
⑦录音剩余时间　⑧电池信息
⑨声控模式　⑩录音类型

注意

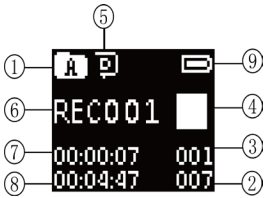
- 电池符号显示空格时，表明低电。低电时系统会自动关机。如果正在录音，系统自动保存录音文件后再关机。电量不足时，请及时充电；低电提示界面如下图：

提示

- 录音前，请预先设置所需要的录音类型（请参考第 6 章语音模式里面“录音类型”）和想要保存的文件夹目录（长按“音量键 ▽”“进行文件夹选择”）。
- 查询剩余内存是否足够保存下一段录音（请参考第 9 章 系统设置里面“磁盘信息”或“卡信息”）。
- 请先测试录音，以确保录音笔设置正确。
- A、B、C、D 每个文件夹最多可存储 99 个文件，总共可容纳 396 个文件（99 文件 x 4）。
- 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。
- 如果需要长时间录音，请在录音前预先充满电。

6 语音模式

语音模式界面说明：



①当前文件夹　②当前文件夹总数
③当前文件序号　④播放状态
⑤循环模式　⑥当前文件名
⑦当前播放时间　⑧当前文件总时间
⑨电池信息

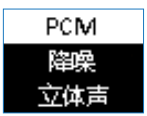
(1) 在停止状态下，长按“音量键”切换选择文件夹，选择语音文件夹，A → B → C → D → MUSIC → A…
(2) 按 或 键，选择要播放的文件。
(3) 播放状态下，短按“音量键”（）进入音量调节大小界面。
(4) 播放状态下，短按“AB 复读键”（）进入 A-B 复读。
(5) 播放状态下按“菜单键”设置循环模式，包括目录播放、目录循环、单曲循环和随机播放。
(6) 长按“播放键”（）2~3 秒，结束播放。
(7) 播放状态下，按“播放键”（）暂停播放，再次按下“播放键”，恢复播放。
(8) 播放状态下，按“FW 键（跟读键）”，进入跟读录制界面，详情请参考“6.11 跟读语音”部分。

提示

- 当耳机插入插孔内，录音笔扬声器将停止工作。
- 播放时，绿色指示灯常亮；暂停时，绿色指示灯闪烁；停止时，绿色指示灯熄灭。

6.1 录音类型

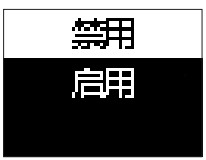
在停止状态下，短按“菜单键”进入菜单列表选择录音类型，如下图所示：



按 或 键选择录音类型，按“菜单键”确认。
PCM 录音：WAV 格式，高品质，比特率为 1536kbps。
降噪录音：WAV 格式，高品质，比特率为 384kbps。
立体声录音：MP3 格式，立体声，比特率为 128kbps。
标准录音：MP3 格式，标准，比特率为 32kbps。
长时间录音：MP3 格式，长时间，比特率为 8kbps。

6.2 声控设置

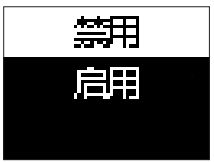
声控功能一旦被启用，录音过程中，当机器检测到有声音时，录音笔会自动开始录音；当未检测到声音时，将自动暂停录音；再次检测到声音时，录音笔又会自动开始录音。在停止状态下，短按“菜单键”进入菜单列表选择声控设置，如下图所示：



按 或 键选择“启用”或者“禁用”，按“菜单键”确认。

6.3 监听设置

在停止状态下，短按“菜单键”进入菜单列表选择监听设置，如下图所示：



按 或 键选择“启用”或者“禁用”，按“菜单键”确认。

6.4 定时录音

在停止状态下，短按“菜单键”进入菜单列表选择定时录音
定时录音功能：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。

6.4.1 定时设置

在定时录音功能选项中，按 或 键选择定时设置，短按“菜

单键”进入定时设置，如下图：

在此状态下，按“AB键或者FW键”在年、月、日、时、分之间切换，设置状态下数字闪烁，再按 ⩔ 或 ⩓ 键加减数值。按“菜单键”保存当前设置的时间。

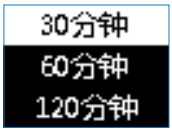
6.4.2 录音音源

用于设置咪头录音或者FM录音。在定时录音功能选项中，按 ⩔ 或 ⩓ 键选择录音源，短按“菜单键”进入录音音源设置，如下图：

按 ⩔ 或 ⩓ 键选择“FM录音”“MIC录音”，按“菜单键”确认。

6.4.3 录音时长

用于设置定时录音的时间长度，达到预设的时间长度自动保存录音。在定时录音功能选项中，按 ⩔ 或 ⩓ 键选择录音长度短按“菜单键”进入录音长度设置，如下图：



按 ⩔ 或 ⩓ 键选择录音时间长度设置，按“菜单键”确认。

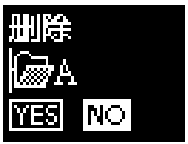
6.5 分段录音

分段录音功能打开时，录音过程中到预设的分段时间会自动保存并且开始下一段录音。

在停止状态下，短按“菜单键”进入菜单列表选择分段录音，如下图所示：

6.6 删除

在停止状态下，短按“菜单键”进入菜单列表选择删除或删除全部，如下图所示：



按 或 键选择“YES”或“NO”，按“菜单键”确认。

6.7 A-B 复读

在播放过程中，短按“AB 复读键”（AB）进入 A-B 复读模式，并且确定复读起点 A，此时屏幕显示 A → B，并且 B 闪烁，如图 1；再按一下“ 或 键”确定复读终点 B，屏幕显示 A → B，开始复读，如图 2；再次按下“AB 复读键”（AB）取消复读，A → B 显示消失，回到正常播放（如果不按“音量键”（▽）取消复读，复读完 5 次后自动退出复读模式）。

图 1

图 2

6.8 循环模式

支持四种播放模式的切换，包括目录播放、目录循环、单曲循环和随机播放。在播放过程中，按“菜单键”在这四种播放模式之间切换。

: 目录播放，从当前文件播放到最后一个文件自动停止。

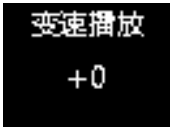
: 目录循环，表示当前文件夹内，全部文件重复播放。

: 单曲循环，只对当前播放的文件进行重复播放。

: 随机播放，当前文件播放完，系统自动随机选择歌曲播放。

6.9 变速播放

播放 / 播放暂停状态下短按“菜单键”弹出列表，再按“ 或 ”选择变速播放按菜单键确认，弹出变速播放调整界面，如下图。在此界面按“ 或 ”键选择变速播放的值，按“菜单键”确认。



6.10 音量调节

播放状态短按“音量键”进入音量调节，此时屏幕显示音量调节界面，如下图：再按 或 键增加或减小音量，同时屏幕上的音量值也会相应的增减。

6.11 跟读语音

播放状态下短按“FW 键 ”进入跟读语音界面，此时屏幕显示如图 1 所示：在跟读语音界面录制跟读内容，录制完后按“播放键”会自动回放跟读录制的内容，播放跟读语音界面如图 2 所示。播放完 后会自动停止，并回到语音播放界面继续播放当前文件。如图 3 所示。

跟读语音录制为 30 秒，录制过程中想提前中止录制时也可以按“播放键”退出录制，进入跟读。

7 音乐模式

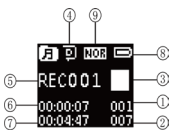
在语音模式的停止状态下，长按菜单键进入应用菜单界面，再按 或 键切换至音乐模式，按“菜单键”确认，如图所示。

在语音模式的停止状态下，长按“音量键”切换文件夹，按一下切换一个文件夹（A, B, C, D, music）。

注意

- 音乐文件只能放在“MUSIC”文件夹里面进行播放。

音乐模式界面说明：



①当前文件序号　②当前文件夹总数　③播放状态
④循环模式　⑤当前文件名　⑥当前播放时间
⑦当前文件总时间　⑧电池信息　⑨音效模式

(1) 按 或 键，选择要播放的文件。
(2) 在停止状态下，短按“菜单键”进入删除文件或者删除全部。
(3) 在播放状态下，短按“AB 复读键”（AB）进入 A-B 复读模式（参考语音模式 AB 复读）。
(4) 在播放状态下，按“菜单键”（）设置播放模式，包括目录播放、目录循环、单曲循环和随机播放。
(5) 在播放状态下，按“菜单键”设置音效模式，包括：自然、摇滚、流行、古典、柔和、爵士、重低音。
(6) 播放状态短按“音量键”2~3 秒进入音量调节界面，然后按 或 键调节音量。
(7) 长按“播放键”（）2~3 秒结束播放。
(8) 播放状态下，按“播放键”（）暂停播放，再次按下“播放键”，恢复播放。
(9) 播放状态下长按 或 键进行快退或快进，松开按键自动恢复正常播放。
(10) 停止状态下，长按“菜单键”进入主菜单界面；短按“音量键”（）返回语音模式。

提示

- 当耳机插入插孔内，录音笔扬声器将停止工作。
- 播放时，绿色指示灯常亮；暂停时，绿色指示灯闪烁；停止时，绿色指示灯熄灭。

7.1 A-B 复读

操作方法请参照“语音模式”的“A-B 复读”。

7.2 循环模式

操作方法请参照“语音模式”的“循环模式”。

7.3 跟读语音

操作方法请参照“语音模式”的“跟读语音”。

7.4 删除

在停止状态下，短按“菜单键”进入菜单列表选择删除或删除全部，如下图所示：

“删除单个文件”或 删除整个文件夹里的文件操作方法请参照“语音模式”的“删除”。

7.5 音效模式

支持七种音效模式，包括自然、摇滚、流行、古典、柔和、爵士、重低音。在播放过程中，按菜单键弹出音效模式选择，按上下曲键进行切换，选择后按“菜单键 ”确认。

图标表示	音效
NOR	自然
ROCK	摇滚
POP	流行
CLAS	古典
SOFT	柔和
JAZZ	爵士
DBB	重低音

7.6 变速播放

操作方法请参照“语音模式”的“变速播放”。

7.7 音量调节

操作方法请参照“语音模式”的“音量调节”。

8 FM 模式

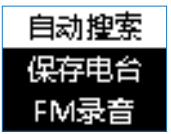
在音乐模式 / 语音模式的停止状态下，长按“菜单键”进入应用菜单界面。短按 或 键切换至收音机模式如图所示。

在 FM 模式界面，按“菜单键”确认。进入调频模式，调频模式如图所示：

注意

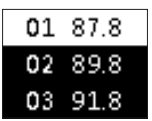
- 请插入耳机接收 FM。声音只能通过耳机接收到。

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、FM 录音、 删除电台、全部删除和退出。



8.1 自动搜台

在调频模式下短按菜单键进入列表选择自动搜台，系统将会搜索电台，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。自动搜索完成，如下图所示：

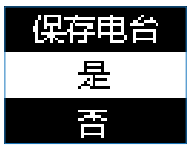


8.1.2 切换电台

在FM收听切换保存电台，先短按“FW键”，界面右上角会显示“CH”图标表示可以进行保存电台间的切换了，接着按“ / 键”切换保存电台。

8.2 保存电台

在调频模式下短按菜单键进入列表选择保存电台，手动保存电台，如下图所示：



按 或 键选择要保存的电台，按“菜单键”确认。

8.3 音量

短按音量键“ ”进入音量调节界面，然后按 或 键调节音量。

8.4 FM 录音

在菜单列表选择 FM 录音，系统将会执行电台录音功能。电台录音的录音类型为默认的立体声录音类型。FM 录音界面，如下图所示：

8.5 删除

在菜单列表选择删除电台功能，可以删除当前保存的某一电台，或选择删除全部电台功能，可以删除所有保存的电台如下图所示。

（1）按 或 键选择要删除的电台，按“菜单键”确认。
（2）按 或 键选择“YES”或“NO”，按“菜单键”确认。

8.6 退出

在FM收听界面，短按“菜单”键弹出列表选择，按上下曲键切换菜单，选择后按“菜单”键确认。在列表界面选择“退出”，返回FM收听界面，在FM收听界面长按“菜单”键返回主菜单界面。

9 设置模式

在音乐模式 / 语音模式的停止状态下，长按“菜单键”进入应用菜单界面如下图所示。

短按“菜单键”进入设置模式系统设置菜单列表，包括 背光时间、对比调节、自动关机、录音灯、语言选择、 按键音、内存选择、磁盘信息、卡信息、格式化、固件版本、系统时间。

背光时间	录音灯	内存选择	格式化
对比调节	语言选择	磁盘信息	固件版本
自动关机	按键音	卡信息	系统时间

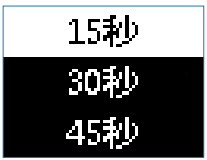
提示

- 提示：因为系统设置下面的菜单比较多，在任何一个系统菜单界面按“音量键”（▽）都可以返回到语音模式。

9. 1 背光时间

背光时间有五种时长可供选择：常亮，15 秒，30 秒，45 秒，60 秒。如果在设定的时间内没对机器做任何操作，背光将会自动关闭。如果选择“常亮”，背光常亮。

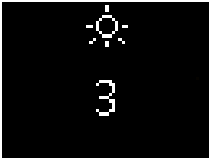
选择背光时间，短按“菜单键”确认，进入背光时间设置界面，如下图：



9. 2 对比调节

用于设置屏幕对比度，可调范围 1-5，对比度值越大，背景显示越白；对比度值越小，背景越黑。

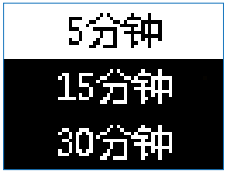
选择对比度调节，短按“菜单键”确认，进入对比度调节界面，如下图：



按 或 键增减对比度数值，按“菜单键”确认。

9.3 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，有五个选项可选择：5 分钟、15 分钟、30 分钟、60 分钟和关闭。选择自动关机，短按“菜单键”确认，进入自动关机设置界面，如下图：

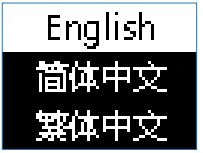


9.4 录音灯

选择录音灯，短按“菜单键”确认，进入录音灯设置界面，如下图：

9.5 语言选择

在菜单列表下，选择语言选择，短按“菜单键”确认，如下图：



按 或 键选择“简体”、“繁体”或者“英文”，按“菜单键”确认。

9.6 按键音

选择按键音，短按“菜单键”确认，进入按键音设置界面，如下图：

按 或 键选择“开”或者“关”，按“菜单键”确认。

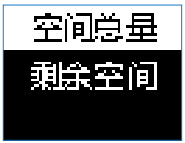
9.7 内存选择

选择内存选择，短按“菜单键”确认，进入内存选择界面，如下图：

内存默认设置为 FLASH 介质。

9.8 磁盘信息

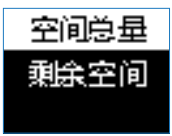
选择磁盘信息，短按“菜单键”确认，进入磁盘信息界面，如下图：



按 或 键选择查询磁盘信息“空间总量”或“剩余空间”，按“菜单键”确认。

9.9 卡信息

选择卡信息，短按“菜单键”确认，进入卡信息界面，如下图：



按 或 键选择查询 SD 卡“空间总量”或“剩余空间”，当选择“空间总量”按“菜单键”确认。

9.10 格式化

用于格式化本机内存。

注意

- 格式化前请将存储在本机里的重要资料或者文件备份。

选择格式化，短按“菜单键”确认，进入格式化界面，如下图：

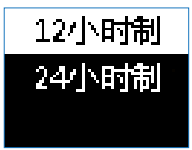
按 或 键选择“是”或者“否”，当选择“是”时，再按“菜单键”确定格式化，如果选择“否”，再按“菜单键”，取消格式化并返回上一级菜单。

9.11 固体版本

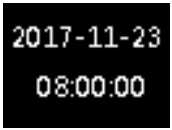
用于查看当前固件的版本、日期。
选择固体版本，短按“菜单键”进入查看固件版本界面。
按“音量键”返回到上一级菜单。

9.12 系统时间

选择系统时间，短按“菜单键”确认，选择时间格式设置，再次短按“菜单键”，进入时间格式界面，如下图：



按 或 键选择“12H”(12 小时制）或者“24H”(24 小时制)，按“菜单键”确认。
在菜单列表下，选择系统时间，短按“菜单键”确认，选择时间设置，再次短按“菜单键”，进入时间设置界面，如下图：



在此状态下，按“AB 键”或“FW 键”在年、月、日、时、分、秒之间切换，设置状态下数字闪烁，再按 ⩔ 或 ⩓ 键加减数值。按“菜单键”保存当前设置的时间 / 日期。

9. 13 出厂设置

选择出厂设置，短按“菜单键”确认，进入出厂设置界面，如下图：

按 ⩔ 或 ⩓ 键选择“是”或者“否”，当选择“是”时，再按“菜单键”确定出厂设置，如果选择“否”，再按“菜单键”，取消出厂设置并返回上一级菜单。

10 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

10.1 无法启动录音笔

电池电量已耗尽请及时充电。

10.2 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。

10.3 录音笔无法播放录音

电池电量已耗尽，请充电。

10.4 无法用扬声器收听录音

(1) 耳机已插入，请取下耳机。
(2) 音量已设置为最低值，调整扬声器音量。

10.5 录音笔无法开机

长按 AB 键 8 秒机器重新复位。

11 技术参数

11.1 存储器

参考录音时间（8GB）：降噪录音模式约 48 小时，高音质录音模式约 145 小时，PCM 录音模式约 12 小时，标准录音模式约 583 小时，长时间录音模式约 2328 小时。
内置存储器类型：NAND Flash 闪存
移动存储器 (PC)：是

11.2 尺寸和重量

宽 × 高 × 厚：23×104.5×9.4(mm)
重量（含电池）：42g

11.3 系统要求

操作系统：Windows 7,8,10/Vista/XP/2000, Mac OS X, Linux
接口：USB 接口

11.4 运行条件

温度：5℃ ~ 45℃
空气湿度：10% - 90%, 不凝结

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1 Welcome

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www.philips.com

Product features

- Digital noise reduction: Background noise can be effectively filtered out and voices be recorded clearly. It is recommended to apply the PCM noise reduction recording in noisy background.
- Speech shadowing: Suited for studying, the equipment can do speech shadowing while playing recordings and music files.
- Replay: Suited for study, the equipment can replay while playing recordings or music files.
- Record in common MP3/WAV format.
- Quick access to recordings and data by using high speed USB 2.0.
- Voice-activated recording.
- USB mass storage, ensuring maximum compatibility.

2 Important Reminders

Safety

- To avoid a short circuit, do not expose the product to rain or moisture.
- Do not store the device near places with high temperature or direct sunlight.
- Special Note: Before using the device please read this User Manual carefully. Philips shall not be liable for any data loss due to erroneous operation or force majeure events. Special attention should be given to careful operations and please backup your files.

Warning

- Special Announcement: Before using the product, please read the Manual carefully. Our Company shall not be held liable for any data loss due to incorrect manual operation or force majeure. We specially recommend that users make additional copies of the files in the device.
- Images are for reference only. Philips reserves the right to change the color / appearance / design / parameters/ product functions. Hardware, software and APP are subject to update without prior notice.

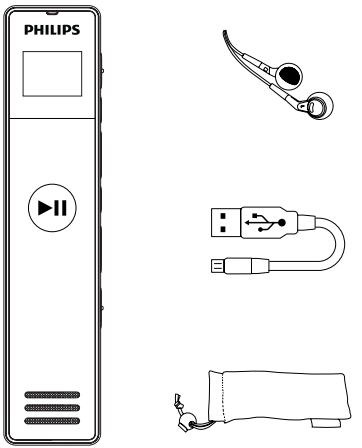
Hearing protection

Observe the following guidelines when using your headphones:

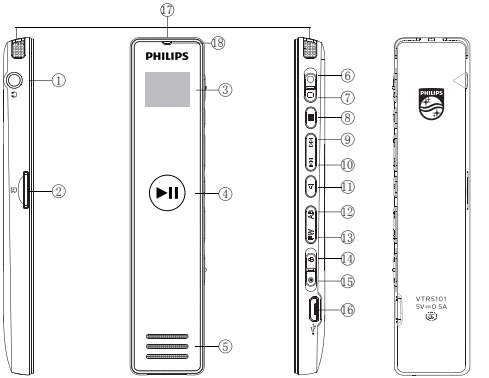
- Adjust to suitable volume; do not use the earphones for a long time.
- Please do not turn the volume up beyond your tolerance.
- Do not turn up the volume so high that you cannot hear what's around you.
- When in dangerous conditions, please carefully use the earphones or stop using.
- Do not use the earphones when driving, cycling and skateboarding to avoid traffic accident and violating laws and regulations.

3 Your Digital Voice Recorder

What's in the gift box:



Overview:



① Earphone
② SD card slot
③ Display screen
④ Play / Pause button
⑤ Speaker
⑥ Record button
⑦ Pause button
⑧ Menu button
⑨ Previous track / Volume up / Fast rewind
⑩ Next track / Volume down / Fast forward
⑪ Volume
⑫ A-B replay
⑬ FW button
⑭ Lock button
⑮ Power on, Power off
⑯ USB jack
⑰ Mircrophone net
⑱ Indicator light

4 Start to Use

4.1 Power On/Off

Note

- Please recharge the device for three hours before using it for the first time!

(1)When the machine is switched on, slid to '⏻' position for 3 seconds, the device will turn off automatically.

(2)When the machine is turned off, slid to '⏻' position for 3 seconds, the device will start automatically and then displays 'PHILIPS', as shown below.

When it enters the audio mode, press MENU to enter voice mode settings and long press MENU to enter app selection setting.

Reminder

- The device has a built-in lithium battery.
- If the device cannot work normally, please check if the device is out of power.
- When the device is recording, please do not cut off the power, otherwise damaged file or malfunction may be resulted.
- When the battery indicator displays '▭', please recharge the device promptly; when the battery is low, the indicator displays as below:

4.2 Battery charging

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

(2) Use dedicated charger to recharge.

When using the above methods to recharge, the device enters the charging status. The battery indicator shows a battery icon turning from empty to full repeatedly,

indicating that the device is recharging, with the color of the indicator light being orange. Under normal circumstance, the device can be fully recharged in around 3 hours. The orange charging indicator will turn off and the battery icon displays full power, the device is fully rech arged.

4.3 Connection to 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 VTR5101 without installing any software.

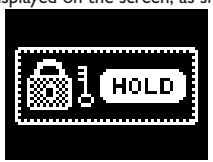
Reminder

- While moving files into or out of the device, please do not disconnect the device from the computer.
- Connect the device to the computer via the USB slots at the back to backup files.

USB Connection and Charging Interface:

4.4 Keypad lock

(1)Slide up the POWER button to the lock position to lock all the buttons except the 'Record' key. Then the 'Lock Icon' will be displayed on the screen, as shown below.



(2)Slide the POWER button down to the middle position for canceling locking.

5 Recording

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

(1)In the stop state of voice mode, short press VOL button (▽) to select the folder to save your files. You can select folder A, B, C, D.

(2)Slide Record button ( ) to ● position to start recording; the red indicator light is on and the screen displays 'Record'; please point the top of the device towards the source of sound when recording.

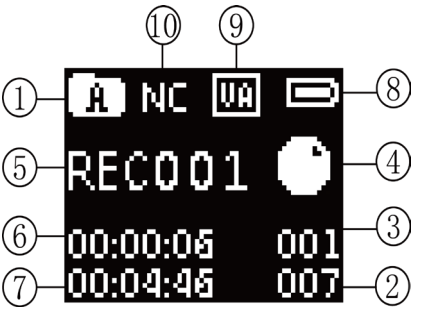
(3)Press PLAY button (▷||) to pause recording, the red indicator light flickers, and the screen displays 'Pause'.

(4)Press PLAY button (▷||) again to resume recording.

(5)Slide Record button ( ) to ■ position to save recording; red indicator light is turned off, and the device returns to the Stop interface of current recorded file.

The recording interface is shown below:

Illustration of recording interface:



① Current folder
② Total number of recordings in the folder
③ Current file number
④ Recording state
⑤ Current recording file name
⑥ Recording duration
⑦ Remaining recording time
⑧ Battery status
⑨ Voice-activated mode
⑩ Record type

Note

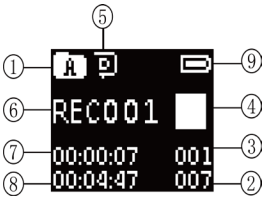
- When the screen displays empty battery icon, it means that the battery is nearly empty. When the low battery icon occurs, the system will automatically shut down. If the device is recording, the system will automatically save the recorded file then shut down. If the device is running out of battery, please recharge promptly. When the device is to shut down due to low battery, the screen will display as following:

Reminder

- Before recording, please set your intended recording type (refer to 'Recording Types' under Voice Mode in Chapter VI) and the folder to save your file (long press VOL ▽to enter 'Folder Selection').
- Check if the memory has enough space for the next recording. (Refer to 'Disk Info' or 'Card Info' under System Setting in Chapter IX)
- Test the recording first to ensure that the recorder is set up correctly.
- A, B, C and D folder can store 99 files at most, totaling 396 files (99 x 4).
- When the recording duration exceeds the limit of the left space of the device or the number of files reaches the limit of 396, the recording will stop. Please delete part of the recording or move it to a computer.
- Please charge to full capacity in advance if you need to record for a long time.

6 Voice Mode

Voice Mode Interface Information:



① Current folder
② Total number of recordings in the folder
③ Current file number
④ Current play state
⑤ Loop mode
⑥ Current file name
⑦ Current play time
⑧ Duration of current file
⑨ Battery status

(1)When in the state of 'Stop', long press VOL to switch to folder selection and select voice folders by A → B → C → D → MUSIC → A...

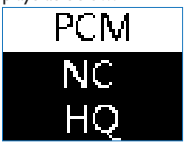
(2)Press ⏫ or ⏬ button to select the file you want to play.
(3)When playing, press VOL (▽) to the interface to turn up or down the volume.
(4)When playing, press 'AB Replay' (AB) to the mode of A-B replay.
(5)When playing, press MENU to enter Loop Mode Setting, including Directory Play, Catalog Loop, Single Loop and Random Play.
(6)Long press PLAY button (▷||) for 2~3 seconds to stop playing.
(7)When playing, press PLAY button (▷||) to pause playing, and repress PLAY button to resume playing.
(8))When playing, press 'FW'(Playback Follwing button)enter the playback following recording interface. For details, please refer to the section '6.11 Playback Following'.

Reminder

- When the earphone is inserted into the jack, the speaker of the device will stop working.
- Green indicator light is on during playing; It flashes when pausing and it will be off when the playing stops.

6.1 Recording type

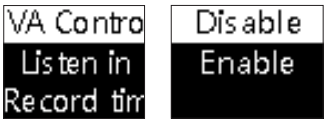
When stopping, press 'MENU' to menu lists to select recording type. Screen displays as below:



Press ⏫ or ⏬ to select record type, press MENU to confirm.
PCM recording: WAV format, high quality, with bit rate of 1536kbps.
N.R. recording: WAV format, high quality, with bit rate of 384kbps.
Stereo recording: MP3 format, stereo, with bit rate of 128kbps.
Standard recording: MP3 format, standard, with bit rate of 32kbps.
L.P. recording: MP3 format, long time, with bit rate of 8kbps.

6.2 Voice-activated mode

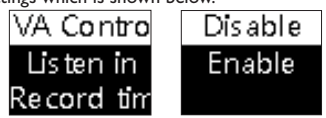
When the voice control recording function is activated, the device will start recording automatically when it detects voice in the course of recording. If no voice is detected, the device will automatically pause recording; if voice is detected again, the device resumes recording.
When stopping, press MENU to menu lists to select voice-activated mode which is shown below.



Press ⏫ or ⏬ to select 'Disable' or 'Enable ', press MENU to confirm.

6.3 Monitoring settings

When stopping, press MENU to menu lists to select monitoring settings which is shown below.



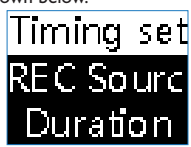
Press ⏫ or ⏬ to select 'Disable' or 'Enable ', press MENU to confirm.

6.4 Record timer

When stopping, press MENU to menu lists to select Record Timer.
Record Timer setting: first pre-set a length of time, as system time turns to the pre-set time, the system automatically starts recording.

6.4.1 Record timer setting

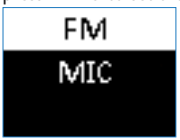
In the menu list of Record Timer, press ⩛ or ⩚ to select record timer setting and press MENU to enter record timer setting which is shown below.



In the current state, press 'AB' or 'FW' to switch between year, month, day, hour and minute. In the setting process, the number indicator will flash and then press ⩛ or ⩚ to change the figure. Press MENU to save current time settings.

6.4.2 Recording source

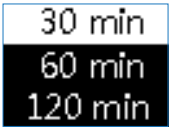
It is applied to set microphone recording or FM recording. In the menu list of Record Timer, press ⩛ or ⩚ to select recording source and press MENU to set the recording source.



Press ⩛ or ⩚ to 'FM Recording' 'MIC Recording' and confirm it by pressing MENU.

6.4.3 Recording duration

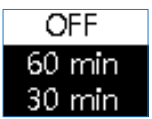
It is used to set duration of auto record. The device will automatically save the recording when reaching the preset duration. In the menu list of Record Timer, press ⩛ or ⩚ to select the Recording Duration and press MENU to set the duration of the recording, which is shown below:



Press ⩓ or ⩔ to set the duration of the recording, and press MENU to confirm.

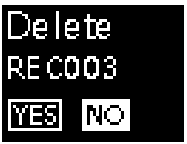
6.5 Section break

When the auto section break recording function is turned on, in the course of recording, the auto section break recording enables recordings to be saved automatically into a new file at preset auto break time and the next recording will be started.
When stopping, press MENU to select the sections which is shown below:



6.6 Delete

When stopping, press MENU to select 'Delete' or 'Delete All' which is shown below:



Press ⩓ or ⩔ to select 'YES' or 'NO', press MENU to confirm.

6.7 A-B replay

When playing, press 'AB Replay' (AB) and confirm the starting point A. At this time, the interface would show A → B and B would flash, which is shown as Figure 1;
Press '⩓or⩔' to confirm the ending point B. At the time, the interface would show A → B and replay mode begins, which is shown as Figure 2. Re-press) to cancel the replay mode, and then A → B would disappear on the interface and the device returns to normal play (If VOL ▽is not pressed to cancel the replay, it would exit from the replay mode after five-time replay.)

Figure 1

Figure 2

6.8 Loop mode

The device provides four loop play modes, namely Directory Play, Repeat All, Repeat One and Shuffle Play. It is able to switch among those four play modes by pressing MENU button when playing.

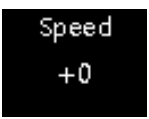
: Directory play, it means to play in order from the current file to the last one, and then it automatically stops playing.
: Repeat all, it means to play all files in the current folder repeatedly.
: Repeat one, it means to repeatedly play the current file only.
: Shuffle play, it means to play the current folder in random order.

6.9 Variable speed play

6.9 Variable Speed Play or to select variable speed play and press MENU to confirm. At this time, the interface of variable speed play would appear as follows, where you need to press or to select the value of variable speed play and then press MENU to confirm.

6.10 Volume adjustment

When playing, press VOL to the interface of volume adjustment shown as follows: and then press or to turn up or down the volume and the value of volume on the interface would change accordingly.



6.11 Playback following

When playing, press 'FW' to the interface of playback following which is shown as Figure 1: Record the playback to follow on the same interface. After the recording press 'Play'which would automatically replay the recorded playback. The interface is shown as below. The playing stops when the recording ends and returns to the play interface to resume playing the current file, the interface of which is shown as Figure 2.

The length for the playback recording is 30 seconds, and simply press 'Play' to exit in advance from the recording and enter playback following mode.

7 Music Mode

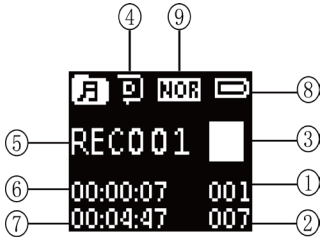
When the voice mode is stopped, long press MENU to enter App List interface. Press ⏫ or ⏬ to music mode and press MENU to confirm.

When the voice mode is stopped, long press 'VOL' to select between the folders (A, B, C, D, music).

Reminder

- Music files can only be played in the 'MUSIC' folder.

Voice Mode Interface Information:



① Current file number
② Total number of recordings in the folder
③ Current play state
④ Loop Mode
⑤ Current file name
⑥ Current play time
⑦ Total time of current file
⑧ Battery Status
⑨ Equalizer Mode

(1)Press ⏫or ⏬ to select the file you need to play.
(2)When stopping, press MENU to delete one file or delete all files.
(3)When playing, press 'AB Replay' (Ⓐ Ⓑ) for A-B replay mode

(refer to AB Replay under Voice Mode)

(4)When playing, press MENU ( ) button to set play mode, including Directory Play, Catalog Loop, Single Loop and Random Play.

(5)When playing, press MENU to set sound modes, including normal, rock, popular, classic, soft, jazz and DBB.

(6)Short press VOL button for 2~3 seconds to enter volume adjustment interface, then press or button to adjust the volume.

(7)Press PLAY ( ) button for 2~3 seconds to stop playing.

(8)When playing, press PLAY ( ) to pause playing, and press PLAY button again to resume playing.

(9)When playing, keep pressing or button to fast rewind or forward, and release the button to automatically resume normal playing.

(10)In the state of stop, long press MENU button to enter the main menu. Press VOL ( ) button to return to Voice Mode.

Note

- When the earphone is inserted into the jack, the speaker of the device will stop working.
- Green indicator light is on during playing; it flashes when the device pauses and it will be turned off when the device stops playing.

English

7.1 A-B replay

The operation methods are the same as 'AB Replay' of 'Voice Mode'.

7.2 Loop mode

The operation methods are the same as 'Loop Mode' of 'Voice Mode'.

7.3 Playback following

Refer to 'Playback following' under 'Volume adjustment'.

7.4 Delete files

When stopping, press MENU to menu lists to select ‘Delete’ or ‘Delete All’, which is shown below:

If you need to delete a single file or all the files in the folder, please refer to the deletion method instructed in ‘Voice Mode’.

7.5 Equalizer mode

The device supports seven sound effect modes, including normal, rock, popular, classic, soft, and jazz and DBB. When playing, press MENU to select sound effect mode. Switch among the modes via Pre button and Next button and press MENU to confirm.

Icon	Sound Effect
NOR	Normal
ROCK	Rock
POP	Popular
CLAS	Classic
SOFT	Soft
JAZZ	Jazz
DBB	DBB

7.6 Variable speed play

Refer to “Variable Speed Play’ under ‘Voice Mode’.

7.7 Volume adjustment

The operation methods are the same as ‘Volume Adjustment’ of ‘Voice Mode’.

8 FM Mode

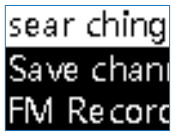
When music mode / voice mode is stopped, please long press MENU to enter the main interface. Press ⏫ or ⏬ to switch to Radio Mode, which is shown below.

Press MENU to confirm on the interface of FM Mode, which is shown below:

Reminder

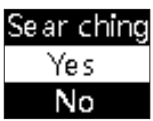
- Insert your earphones to receive FM. Sound can only be heard in the earphones.

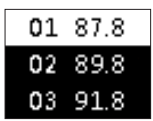
In FM Mode， press ⏫ or ⏬ to select frequency point; press MENU to the submenu list, including Auto Search, Bookmark Radio, FM Recording, Delete Radio, Delete All and exit.



8.1 Auto search

When in FM Mode, press MENU to auto search and when a radio is detected the system would automatically save in the list. The completion of the auto search is shown below:





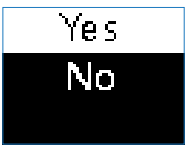
English

8.1.2 Switch radio

To switch between saved radio stations, first short press 'FW' button to display 'CH' on the right corner of the radio interface, then press ⏫ / ⏬ to switch between saved stations.

8.2 Bookmark radio

When in FM Mode, press MENU and select from the list the item to manually save the radio, which is shown below:



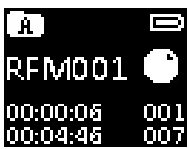
Press ⏫ or ⏬, select the radio to be saved, and press MENU to confirm.

8.3 Volume

Press '🔊'VOL button to enter volume adjustment interface , and press ⏫ or ⏬ to adjust the volume.

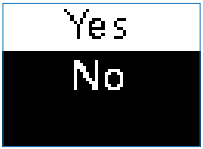
8.4 FM record

Select FM Recording in the menu list, and the system would enable FM recording function. The default FM recording type is stereo recording. The interface of FM recording is shown below:



8.5 Delete files

Select 'Delete Radio' in the menu list to delete any radio station that has been bookmarked, or select 'Delete All Radios' to delete all the radio stations that have been bookmarked, which is shown below.



(1) Press ⩔ or ⩓ to delete the radio and press MENU to confirm.
(2) Press ⩔ or ⩓ to select YES or NO, and press MENU to confirm.

8.6 Exit

In the FM listening interface, short press MENU to pop up the list selection, press the up and down button to switch the menu, press the MENU to confirm. Select 'Exit' in the list interface, return to the FM listening interface, long press MENU on the FM listening interface to return to the main interface.

9 Setting Mode

When Music Mode / Voice Mode is stopped, please long press MENU to enter the main interface which is shown below.

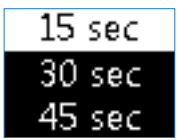
Press MENU to the list of system setting which covers Backlight Time, Contrast, Auto Power-off, Record Light, Language Selection, Key Tone, Memory Choice, Disk Info, Card Info, Formatting, Firmware Version, System Time and Default Setting.

Note

- Note: as there are many items in the menu under the system setting, you can return to Voice Mode by pressing VOL (▽) on any menu interface.

9.1 Backlight time

Five types of backlight time are available: be always on, 15s, 30s, 45s and 60s. If there's no operation on the device after the set time, the backlight will turn off automatically. If you select 'Always', the backlight would be always on.
Select backlight time and press MENU to confirm to enter the interface of setting backlight time which is shown below:



9.2 Contrast

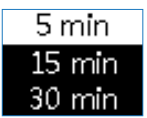
It is used for setting the contrast of the display screen, ranging 1-5. The larger the contrast value is, the lighter the

background will be; the smaller the contrast value is, the darker the background will be.
Select contrast and press MENU to confirm to enter the interface of setting contrast which is shown below:

Press ⩓ or ⩔ to change the value of contrast and then press MENU to confirm.

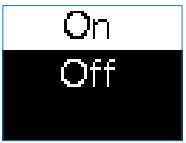
9.3 Auto power-off

The system will automatically turn off if no operation is performed to the device in specified time. There are five auto power-off options: 5 min, 15 min, 30 min, 60 min or off. Select auto off and press MENU to confirm to enter the interface of auto off which is shown below:



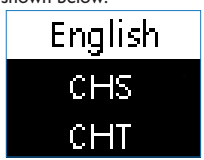
9.4 Record light

Select record light and press MENU to confirm to enter the interface of Record Light which is shown below:



9.5 Language

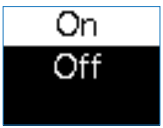
Select language selection in the menu list and press MENU to confirm, which is shown below:



Press ⩓ or ⩔ to select ‘Simplified Chinese’ (S-C), ‘Traditional Chinese’ (T-C) or ‘English’ (EN), press MENU to confirm.

9.6 Key tone

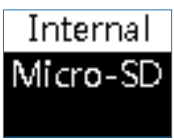
Select key tone and press MENU to confirm to enter the interface of key tone which is shown below:



Press ⩔ to ⩓ to select 'On' or 'Off', press MENU to confirm.

9.7 Memory choice

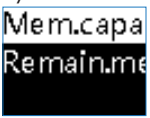
Select memory choice and press MENU to confirm to enter the interface of memory choice which is shown below:



The default setting of memory is FLASH.

9.8 Disk information

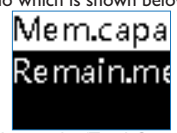
Select memory choice and press MENU to confirm to enter the interface of memory choice which is shown below:



Press ⩔ or ⩓ to choose the 'Total Capacity' or 'Left Capacity' of SD Card, select 'Total Capacity' and press MENU to confirm.

9.9 Card information

Select card info and press MENU to confirm to enter the interface of card info which is shown below:



Press ⩔ or ⩓ to choose the 'Total Capacity' or 'Left Capacity' of SD Card, select "Total Capacity" and press MENU to confirm.

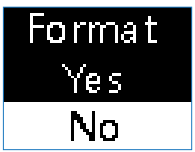
9.10 Formatting

The function is applied to format the device.

Reminder

- Prior to formatting, please backup important data or files in advance.

Select formatting, and press MENU to enter the interface of formatting which is shown below:



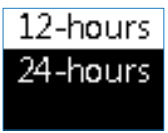
Press or to select 'Yes' or 'No', press MENU to confirm the formatting when you selecting 'YES'; if press MENU with 'No', it will cancel the formatting and return to the previous menu.

9.11 Firmware version

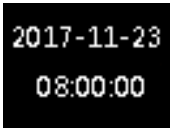
It is used for checking the version of the firmware and the date.
Select firmware version and press MENU to the interface of firmware version.
Press VOL button to return to the previous menu.

9.12 System time

Select system time, press MENU to confirm, select time format setting, and press MENU again to enter the interface of time format which is shown below:



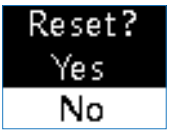
Press or to select '12H' or '24H' format, press MENU to confirm.
Select system time in the menu list. Press MENU to select time format, press MENU again to enter the interface of time setting which is shown below:



In the current state, press 'AB' or 'FW' to switch between year, month, day, hour, minute and second. In the setting process, the number indicator will flash and then press ⩓ or ⩔ to change the figure. Press MENU to save the current time settings.

9.13 Default setting

Select default setting, press MENU to confirm to enter the interface of default setting which is shown below:



Press ⩓ or ⩔ to select 'Yes' or 'No', press MENU to confirm the default setting when you selecting 'YES'; if press MENU with 'No', it will cancel the default setting and return to the previous menu.

10 Frequently Asked Questions (FAQ)

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

10.1 Recording cannot be started

The battery is empty, please recharge promptly.

10.2 Device cannot record

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

10.3 Playback cannot be started

Please recharge the battery as it has run out power.

10.4 Unable to listen to recording via speaker

(1)Please unplug the headset.
(2)Adjust the volume of speaker as the volume may have been set at the minimum value.

10.5 Cannot turn on the device

Long press AB button for 8 seconds to reset the device.

11 Technical Specification

11.1 Memory

Reference recording time (8GB): About 48 hours for Digital Noise Reduction recording mode, 145 hours for high quality recording mode, 12 hours for PCM recording mode, 583 hours for Standard recording mode and 2328 hours for long time recording mode.
Type of internal memory: NAND Flash (flash memory)
Mobile storage device (PC): Yes

11.2 Dimensions

Width × Height × Thickness: 23×104.5×9.4(mm)
Weight (Inclusive of battery): 42g

11.3 System requirements

Operating System: Windows 7,8,10/Vista/XP/2000, Mac OS X, Linux
Port: USB

11.4 Operating conditions

Temperature: 5°C~45°C
Air humidity: 10% – 90%, non-condensing

Warranty card

质保书

year warranty

一年质保

Type: VTR5101

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

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