PHILIPS

VoiceTracer

对讲录音设备

VTR5110

使用手册

User manual

目录

1 欢迎 5
1.1 产品特点 5

2 重要须知 6
2.1 安全 6
2.2 听力保护 6
2.3 有关安全与有效操作的重要警告 6
2.4 RF 射频操作特性 6
2.5 无线电辐射的安全性 6
2.6 天线使用注意 7
2.7 对讲机操作 7
2.8 电磁干扰 / 兼容性 7
2.9 设备 7
2.10 医学设备 7
2.11 助听器 8
2.12 其他医疗设备 8
2.13 安全驾驶 8
2.14 操作注意事项 8
2.15 爆炸危险区 8
2.16 雷管区 9
2.17 操作警告 9

3 您的对讲录音设备 10

4 开始使用 11
4.1 开 / 关机 11
4.2 充电方法 12
4.3 连接电脑 12

5 对讲设置 13

6 对讲录音 18

7 MP3 模式 20
音乐播放 21

8 录音回放模式 23

9 普通录音模式 25

10 常见问题 26
无法启动本机： 26
本机无法录音： 26
本机无法播放录音： 26

11 技术参数 27
技术指标 27
尺寸和重量 27
系统要求 27
录音 27

1 欢迎

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

1.1 产品特点

- 使用高速 USB 2.0 快速存取录音文件和数据。
- 对讲功能
- 对讲录音
- 支持快速充电（5V1A）

2 重要须知

2.1 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。
- 支持快速充电（5V1A）

注意

- 请使用厂家指定的充电器进行充电；若采用不合格或超过 5V1A 参数规格的充电器进行充电将会对机器造成损伤！！！
- 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。

2.2 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。

2.3 有关安全与有效操作的重要警告

在使用您的无线对讲机前，先阅读这些警告。
关于危险环境中的使用，请参阅相关操作注意事项。

2.4 RF 射频操作特性

您的无线对讲机包含一个发射装置和一个接收装置，当开机时，它能接收和发送无线电射频信号，它的频率操作范围在 409MHz 至 410MHz 之间。

2.5 无线电辐射的安全性

双向无线对讲机所产生的任何杂散或机壳的射频非电离辐射，对人体没有危害。为确保最佳的通话效果，并确保暴露的射频能量在规定的安全范围内。

2.6 天线使用注意

只能使用由飞利浦原配的或经认可的天线部件。
未经认可的天线，经改装或增添了附件的天线可能会损坏对讲机或违反信息产业部无线电管理局的规定。
在使用时，不要用手去拿天线，握住天线会影响无限对讲机的有效通话范围。

2.7 对讲机操作

使用无线对讲机通话时，该无线对讲机维持垂直位置，麦克风距离嘴部 5~7 厘米。

2.8 电磁干扰 / 兼容性

备注：绝大部分现代化的电子设备是能屏蔽射频信号的，但是可能会有某些电子设备不能够屏蔽您所使用的对讲机发出的射频信号。

- 使用公众对讲机，其通信质量不受无线电机构保护，应承受其它正常工作的无线电业务可能产生的干扰。
- 禁止与公众电话网、公众移动通信网及其他电信网互联。
- 使用对讲机时，不得对各种合法无线电业务产生有害干扰，一旦发现有害干扰，应立即停止使用，并采取措施消除干扰后方可继续使用。
- 不得擅自更改发射频率，加大发射功率（包括额外加装射频功率放大器），不得擅自外接天线或改用其它发射天线。

2.9 设备

为了避免电磁干扰 / 兼容性的冲突，在某些场所贴有通知要求您关闭对讲机时，请遵守。在医院或医疗场所所使用的仪器对外来无线电的射频信号非常敏感，请关闭对讲机。
禁止在机场或飞行器上使用。

2.10 医学设备

心脏起搏器
建议对讲机与心脏起搏器之间的最小距离为 15 厘米。
带有心脏起搏器的人应该遵循以下规定：

- 当无线对讲机开机时应该时刻保持无线对讲机与心脏起搏器之间距离在 15 厘米以上。
- 不要将无线对讲机放置在前胸的口袋中。
- 为减少潜在干扰，请使用耳机。
- 如果您怀疑无线对讲机与心脏起搏器之间有干扰产生，请立即关闭无线对讲机。

2.11 助听器

无线对讲机可能会干扰一些助听器。在这种情况下，您可以与您的助听器生产商协商讨论替代物。

2.12 其他医疗设备

如果您还使用其它个人医疗，请与制造商咨询决定它是否有足够的射频屏蔽。您的医生可以帮助您得到这些信息。

2.13 安全驾驶

查看您开车所在地使用对讲机的法律与规定并遵循。
当驾驶时使用对讲机，请遵循以下规定：

- 全神贯注地驾驶与注意路况。
- 如果可能，尽量使用免持功能进行发话和收话。
- 若有规定禁止驾驶时使用对讲机，请先将车开至路边停下，再进行通话。

2.14 操作注意事项

附安全气囊的汽车

不要把对讲机或其它物品放在气囊上方或气囊展开范围内，气囊充气时会带来很大的力量。若放在气囊展开后能触及的区域，当气囊展开时，对讲机或其它物品可能受很大的力量而抛出，会造成汽车内乘客严重受伤。

2.15 爆炸危险区

除非是危险地区专用的对讲机，否则在潜在爆炸危险区内务必关机。不要在该地区将对讲机中电池取出、安装或更换。在这种地区即使您的电池发出微小的火花也可能会引起爆炸或火灾，造成意外的伤害或甚至死亡。

注意

- 以上所指的潜在爆炸危险区包括：燃料，船舶甲板下方，燃料，或化学制品运输或储存设施，能够闻到燃料气味的地方（例如，汽车或房间里发生了汽油 / 丙烷泄露），空气中含化学物质或其它颗粒（如含有颗粒，灰尘、金属粉末等）的地区，以及建议您关闭汽车引擎的任何其它地区。潜在爆炸危险区通常没有明显的标示。

2.16 雷管区

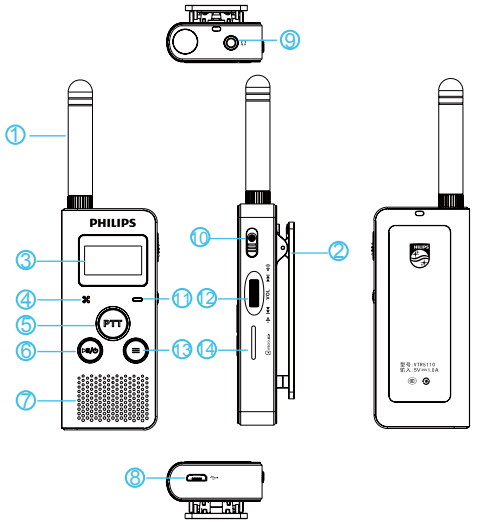
为避免干扰爆破作业，在电动雷管附近或“爆破区”、或标示“请关闭无线对讲机”的地区，务必关闭您的对讲机。如有其它类似的标语或指示，也请您遵守。

2.17 操作警告

- 天线：不可使用任何天线损坏的无线对讲机。损坏的天线与皮肤接触时，可能会造成轻微的灼伤。
- 防止磁化：对讲机扬声器的外磁性很弱，但请保持您的对讲机与电视机，电脑显示器等屏幕之间的距离大于 10 厘米，以免被磁化。

3 您的对讲录音设备

概览：



① 天线
② 背夹
③ 屏幕
④ 麦克风
⑤ PTT（通话）键
⑥ 播放 / 暂停 / 电源键
⑦ 喇叭
⑧ USB
⑨ 耳机孔
⑩ 录音键
⑪ 指示灯
⑫ 音量键
⑬ 菜单键
⑭ TF 卡槽

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) 长按 “ ▶II/ ⏻ ”键，对讲本机自动开机。显示“PHILIPS”，如下图所示。

然后进入对讲机界面，如下图所示。

注意

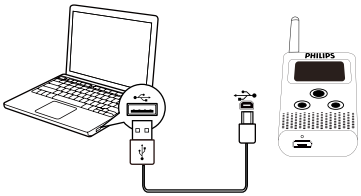
- 此后，本机的开机 / 关机由“播放”键控制，具体如下。
- 关机：在开机状态下，长按“播放”键直到显示“PHILIPS”关机。
- 开机：在关机状态下，长按“播放”键开机，直至屏幕上显示开机画面“PHILIPS”。

提示

- 本机使用内置锂电池供电，如果长时间不使用本机，请关闭电源。
- 如果本机无法正常工作，请确认机器是否已没电。
- 当电量指示标志为 “ ▭ ”时，请及时充电。

4.2 充电方法

(1) 使用 USB 数据线将本机与 PC 相连接，如下图所示。



(2) 使用专用充电器充电。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，一般情况下，充满电需要 2 小时左右。充满电时，电池符号显示满格，机器显示已充满，如下右图所示。

提示

- 使用专用充电器充电，机器还可正常工作。

4.3 连接电脑

当插入 TF 卡时，本机可作为大容量的 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 数据线将本机与电脑相连，且无须安装软件，本机会自动显示为可移动设备，连接电脑图标如下图所示。

在文件移入或移出本机时，请不要断开本机与电脑的连接。

5 对讲设置

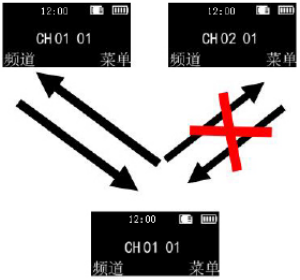
当您初次使用对讲机时，请注意本节中的内容说明。

(1) 按住 PTT 键，与麦克风保持 5 到 7 公分距离，以正常语速通话。当显示屏的图标 出现时，可以发送信息，如下左图。为了避免切断了您的通话内容，按下 PTT 按钮稍微停顿后，然后再开始说话。当你完成通话时，松开 PTT 键。你可以接收到来自其他人的呼叫，当接收到信号时，图标 会在屏幕上显示，如下右图。

注意

- 在对讲机界面，请不要使用其他耳机，务必使用随机配送的专用耳机，防止损坏对讲机。

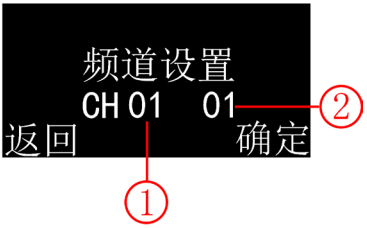
开机状态下同频道的对讲机才可以进行对讲。
使用前请预先将要通信的 2 台机器设置为同样的频道以及相同的亚音码。如下图。



(2) 你可以通过机器侧面的上下滚动键调节对讲机音量。首先把音量键往里按压一下，则会弹出音量调节界面，然后通过上下拨动音量键来加减音量，参考界面如下图：

(3) 在对讲机界面，短按 PLAY 键，可进行频道设置。向上或向下拨动音量键选择你需要的频道及亚音码即可。一共 20 组频道，99 个亚音码可选择。当亚音码数字为 00 时，关闭亚音码。如下图。

设置界面说明：

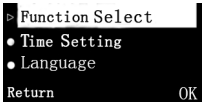


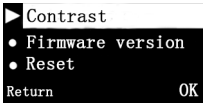
① 频道

② 亚音码（00 即为关闭亚音码）

在对讲机界面，短按菜单键可以进入系统菜单。菜单选项如下：

功能设置，时间设置，语言选择，对比度，固件版本，恢复出厂设置。参考界面如下：





(1) 功能设置

如上图选中“功能设置”菜单，再按菜单键，将会进入到功能设置选择菜单，你可以选择你需要的功能，参考界面如下图所示：

对讲机：进入对讲机模式。

MP3：播放您 TF 卡上的音乐文件

录音回放：播放您的录音文件。

(2) 时间设置

如上图选中“时间设置”菜单，再按菜单键，将会进入到时间设置选择菜单，参考界面如下图所示：

向上或向下拨动音量键调整日期，短按播放键选择下一个设置项，短按菜单键确定设置。

（3）语言选择

选中“语言选择”菜单，再按菜单键，将会进入语言选择菜单，参考界面如下图所示：

(4) 对比度

选中“对比度”菜单，再按菜单键，将会进入到对比度设置菜单，参考界面如下图所示：：

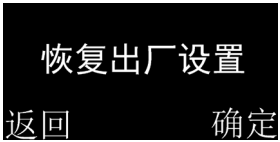
向上或向下拨动音量键调整适合的对比度，短按播放键或菜单键确定设置。

(5) 固件版本

固件版本选中“固件版本”菜单，再按菜单键，将会进入到固件版本，参考界面如下图所示：

(6) 恢复出厂设置

选中“恢复出厂设置”菜单，再按菜单键，将会进入恢复出厂设置界面，参考界面如下图所示：



短按播放键取消恢复出厂设置，短按菜单键后，机器的参数将

恢复到机器出厂设置值，您的设置数据将被重置。

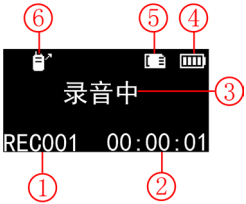
6 对讲录音

(1) 在对讲机界面把录音键拨到录音状态开始录音，请将内置麦克风对准音源。

(2) 在录音状态下，当您按下 PTT 按键或接收到其他人的信号时，机器会自动开始录音，否则会暂停录音。若要保存录音文件，只需向下推动录音键即可，并回到对讲机界面

录音参考界面如下如所示：

录音界面说明



① 录音文件名
② 录音时间
③ 录音状态
④ 电量指示
⑤ TF 卡存储器
⑥ 对讲状态指示

注意

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

提示

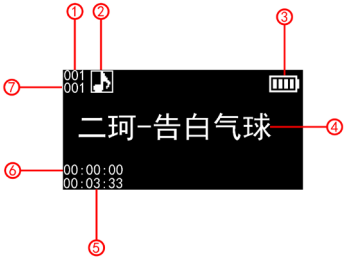
- 当一个录音文件夹存满 200 个后，要再进行录音，请先删除一些不必要的文件再录。
- 当录音时间超过本机用容量或达到最大 200 个文件数量的上限时，录音停止。请删除部分录音或将其移至电脑。
- 录音时请勿断电，否则这会导致本机故障，录音文件丢失或录音文件损坏等问题。
- 如果需要长时间录音，请在录音前充电。

7 MP3 模式

在对讲机界面下，你可以短按菜单键，选择“功能设置”，然后选择“MP3”，短按菜单键确认进入。MP3 停止界面参考图片如下图所示：

短按播放键进入音乐播放界面，音乐播放参考界面如下图所示：

文件播放界面说明：



① 当前文件数
② 对讲 / 播放状态指示
③ 电量指示
④ 文件名
⑤ 当前文件总时间
⑥ 当前播放时间
⑦ 文件总数

音乐播放

(1) 按“播放”键开始播放。
(2) 先把音量键往里按压一下，则会弹出音量调节界面，然后通过上下拨动音量键来加减音量。
(3) 长按“播放”键结束播放。在停止播放状态下，短按“菜单”键可进入音乐菜单设置界面。
(4) 播放过程中，按“播放”键暂停播放，再次按下“播放”键，将继续先前位置的播放。
(5) 播放时长按“⏮”或“⏭”键，可快退或快进当前正在播放的文件。
(6) 在音乐播放界面，您仍可使用对讲机功能，但不能设置频道。当您需要对讲时，按下机器的”PTT”按键即可进行对话。当音乐播放时，如果收到呼叫，机器会自动暂停播放音乐。对讲结束后，若您需要继续播放音乐，需再次按下“播放”键来继续播放音乐。

提示

- 当耳机插入插孔内，本机扬声器被关闭。
- 当您插入的不是随机所附赠的耳机时，将不能使用对讲功能。

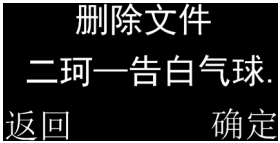
在音乐暂停 / 停止界面，短按播放键播放，短按菜单键弹出如下播放菜单列表：功能设置、删除文件、删除全部。参考界面如下：

(1) 功能设置

如上图选中“功能设置”菜单，再按菜单键，将会进入到功能选择菜单，你可以选择你需要的功能，参考界面如下图所示：

(2) 删除文件

在音乐菜单列表中选择“删除文件”菜单，再按菜单键删除当前文件。参考界面如下图：



短按播放键取消删除文件，按菜单键删除当前文件。长时间不设置，删除界面也会自动退出。

(3) 删除全部

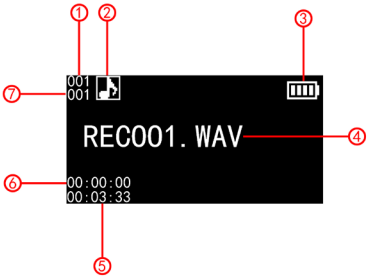
在音乐菜单列表中选择“删除全部”菜单，再按菜单键删除全部文件。参考界面如下图：

短按播放键取消删除文件，按菜单键删除全部文件。长时间不设置，删除界面也会自动退出

8 录音回放模式

在对讲机界面下，你可以短按菜单键，选择“功能设置”，然后选择“录音回放”，短按菜单键确认进入。录音回放停止界面参考图片如下图所示：

短按播放键进入录音回放界面，音乐播放参考界面如下图所示：



① 当前文件数
② 对讲 / 播放状态指示
③ 电量指示
④ 文件名
⑤ 当前文件总时间
⑥ 当前播放时间
⑦ 文件总数

在录音回放 / 停止界面，短按播放键播放，在播放暂停过程中，短按菜单键，弹出如下播放菜单列表：功能设置、删除文件、删除全部。参考界面如下：

(1) 功能设置

如上图选中“功能设置”菜单，再按菜单键，将会进入到功能选择菜单，你可以选择你需要的功能，参考界面如下图所示

(2) 删除文件

在音乐菜单列表中选择“删除文件”菜单，再按菜单键删除当前文件。参考界面如下图：

短按播放键取消删除文件，短按菜单键删除当前文件。

(3) 删除全部

在音乐菜单列表中选择“删除全部”菜单，再按菜单键删除全部文件。参考界面如下图：

短按播放键取消删除，短按菜单键删除当前文件夹全部文件。

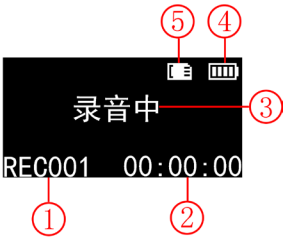
9 普通录音模式

(1) 在 MP3 界面或者语音回放界面，把录音键拨到录音状态开始录音

(2) 把录音键拨到停止状态结束录音，并回到当前录音文件的停止播放界面。

录音参考界面如下如所示：

录音界面说明：



① 录音文件名
② 录音时间
③ 录音状态
④ 电量指示
⑤ TF 卡存储器

10 常见问题

此处列举了常见问题的解答，可帮助解决本机出现的简单问题。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

无法启动本机：

电池电量已耗尽请及时充电。

本机无法录音：

超出本机允许的最大文件数量或本机存储空间已满。请删除部分录音或将其移至外部存储设备。

本机无法播放录音：

(1) 电池电量已耗尽，请充电。

11 技术参数

技术指标

频率范围：409 - 410MHZ
发射功率：0.5W
额定电压：DC 3.7V
频率组合：锁相环频率合成
记忆频道：20 个频道
工作方式：同频单工
发射电流：400MA
灵敏度：≤ -123 dBm (14dB SINAD)
CTCSS/DCS:99 组

尺寸和重量

长 × 宽 × 高：130×33.5×21 (mm)
重量 （含电池）： 62g

系统要求

操作系统： Windows 10/ 8/7/Vista/XP/2000, Mac OS X 10.8
接口：USB 接口

录音

比特率为 352kbps，格式为 WAV
运行条件
温度：5° - 45° C
空气湿度：10% - 90%, 不凝结

Content

1.Welcome 29
1.1 Product Features 29

2.Important 30
2.1 Safety 30
2.2 Hearing Protection 30
2.3 Hearing Protection 30
2.4 Operating characteristics of RF (radio frequency) 31
2.5 Safety of wireless radiation 31
2.6 Notice for use of antenna 31
2.7 Operation of intercom 31
2.8 Electromagnetic interference/ compatibility 31
2.9 Equipment 32
2.10 Medical equipment 32
2.11 Hearing-aid 32
2.12 Other medical equipment 32
2.13 Safe driving 32
2.14 Operation cautions 33
2.15 Explosive dangerous zone 33
2.16 Detonator zone 33
2.17 Warnings for operation 33

3.Your Voice Tracer 35

4.Start to Use 36
4.1 Power On/Off 36
4.2 Battery Charging 36
4.3 Connect to Computer 37

5.WALKIE TALKIE Setting 38

6.WALKIE TALKIE Recording 42

7.MP3 Mode 44
7.1 Play Mode 44

8.Audio Recording Mode 47

9.Frequently Asked Questions (FAQ) 48

10.Technical Parameter 49

1.Welcome

Welcome to Philips World! We are very pleased that you can choose and buy Philips products. You can get Philips' full-scale technical support on our official website, such as manuals, software downloads, warranty information, and more.
www.philips.com

1.1 Product Features

- Quick access to recordings and data by using USB 2.0
- Intercom Function
- Intercom Recording
- Support Quick Charge (5V1A)

2.Important

2.1 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.
- Support Quick Charge (5V1A)

Note

- Please use the charger appointed by the manufacturer for charging; adopting unqualified charger or charger exceeding the parameter specification of 5V1A for charging will damage the device!!!Attention! Before using the device please read this User Manual carefully. The company shall not be liable for any data loss due to erroneous operation or causes of a force majeure nature. Special attention should be given to careful operations and prepare backup of files.

2.2 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.

2.3 Hearing Protection

Please read these warnings before using your wireless intercom.

Please refer to relevant operational consideration in case of using in dangerous circumstance.

2.4 Operating characteristics of RF (radio frequency)

Your wireless intercom includes a transmitting device and a receiving device. When it is turned on, it can receive and transmit radio frequency signal. The operating range of its frequency is between 409MHz to 410MHz.

2.5 Safety of wireless radiation

The stray radio frequency arising out of two-way wireless intercom is not ionizing radiation and is harmless to human body. To ensure the best communication effect and ensure the exposed radio frequency energy is within the prescribed safety limits, the operation of wireless intercom shall follow the following steps:

2.6 Notice for use of antenna

Only use the original Philips antenna component . Unapproved antenna, refitted antenna or antenna added with attachment may damage the intercom or When using the device, do not hold the antenna with your hand, which will influence the effective range of wireless intercom.

2.7 Operation of intercom

When using the intercom, keep it in vertical position with the microphone 5~7cm away from your mouth.

2.8 Electromagnetic interference/ compatibility

Note

- most modern electronic equipment can block radio frequency signals, but there may be some electronic equipment which cannot block the radio frequency signals transmitted by your intercom.

- Using public intercom of which the communication quality is not protected by radio service will have to bear the interferences generated by other radio services which are normally operating.
- It is prohibited to interconnect with public telephone network, public mobile communication network and other telecommunication networks.
- Do not change the transmitting frequency or increase

the transmitting power (including equipping the additional radiofrequency power amplifier) without authorization; do not use external antenna or other transmitting antennas.

2.9 Equipment

To avoid conflict of electromagnetic interference/ compatibility, if you receive an announcement of requiring you to turn off the intercom somewhere, please observe. The instruments used in hospital or medical location are very sensitive to radiofrequency signals from external radio, please turn off the intercom.
It is prohibited to use on the airport or an aircraft.

2.10 Medical equipment

Cardiac pacemaker
It is suggested that the minimum distance between the intercom and the cardiac pacemaker is 15cm.
Persons with cardiac pacemaker shall follow the following rules:

- When the intercom is turned on, it shall be always kept at least 15cm away from cardiac pacemaker.
- Do not put the intercom in your breast pocket.
- To reduce potential interference, please use earphones.
- If you suspect that there is interference between the intercom and the cardiac pacemaker, turn off the intercom immediately.

2.11 Hearing-aid

The intercom may interfere some hearing-aids. Under this condition, you may negotiate a substitute with your hearing-aid manufacturer.

2.12 Other medical equipment

If you are using other personal medical services, please consult with the manufacturer to determine whether it has adequate radiofrequency shielding. Your doctor can help you get such information.

2.13 Safe driving

Review and follow the local laws and regulations of where you drive for using intercom.
In case of using intercom when driving, please follow the following rules:

- Concentrate on driving and pay attention to the traffic condition.
- Use the hands-free function to make and receive messages

if possible.

- If it is prohibited to use intercom during driving, please drive to the side of the road prior to communication.

2.14 Operation cautions

For cars with airbags
Do not place the intercom or other items on top of the airbag or within the range of the expansion of the airbag, because the inflation of the airbag will bring a great power. If it is placed in the area that can be reached after the airbag is inflated, when the airbag expands, the intercom or other items may be thrown away by a large amount of power which will cause serious injury to the passengers in the car.

2.15 Explosive dangerous zone

Unless it is a special intercom for dangerous area, it must be turned off in potential explosive dangerous zone. Do not take out, install or change the battery of the intercom. In such zone, even tiny sparks arising out of your battery may cause explosion or fire which will cause accidental injury or even death.

Note

- The above-mentioned potential explosive dangerous zone includes: **fuel**, **below ships' deck**, **fuel**, or a facility for transporting or storing chemical products, a place where you smell fuel (e.g. gasoline/ propane leakage occurs in the car or room), an area where there are chemicals or other particles (such as particles, dust and metal powder) in the air, including any other areas where it is suggested to turn off your car engine. The potential explosive dangerous zone could have no obvious marks.

English

2.16 Detonator zone

To avoid interfering blasting work, in areas such as nearing electric detonator, or "blast area", or marked with "Please turn off wireless intercom", you must turn off your intercom. If there are other similar slogans or instructions, please follow.

2.17 Warnings for operation

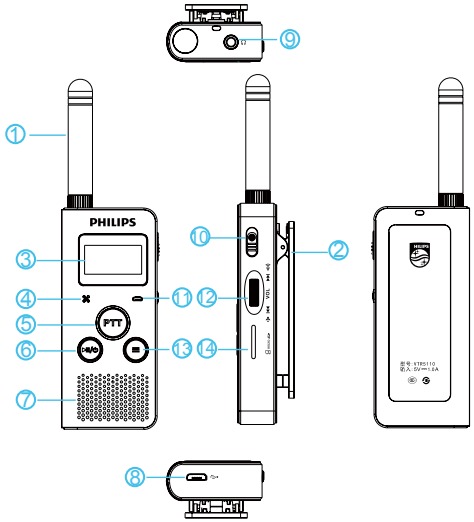
- Antenna: do not use any intercoms with broken antenna.

When a broken antenna touches the skin, it may cause slight burn.

- Prevent magnetization: although the external magnetism of the intercom loudspeaker is weak, please keep your intercom at least 10cm away from sensitive devices like debit/credit cards to avoid magnetization.

3. Your Voice Tracer

Overview:



① Antenna
② Mounting Clip
③ Display
④ Microphone
⑤ PTT button (call)
⑥ Play / Pause / Power
⑦ Speaker
⑧ USB
⑨ Headset Jack
⑩ Record
⑪ Indicator
⑫ Volume up/down
⑬ Menu button
⑭ TF card

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.Press the "⏯/ ⏻" button until the device starts and displays "PHILIPS", as shown below.

2.At this moment, the device's On/Off is controlled by the Play button as follows:

Switch Off: When in the power-on state, press down the Play button until the "**PHILIPS**" is displayed, then the device is switched off.

Switch On: When in the power-off state, press down the Play button until the startup logo "**PHILIPS**" is displayed.

After a few seconds the device enters the intercom mode, as shown below

Hint:

- The device has a built-in lithium battery. If the device shall be idle for a long time, please slide the power switch to OFF position.
- If the device cannot work normally, please make sure the device is not out of electricity.
- When the battery indicator "▭" is displayed, please charge the device promptly.

4.2 Battery Charging

1.Connect the device to PC through USB cable, **as shown below**.

2.Use USB-Charger to recharge, **as shown below**.

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. Under normal circumstance, the device can be fully recharged in around 2 hours. When the device is fully charged, the battery icon is full which indicates that it is fully recharged, **as shown below**.

Hint:

- Useing special charger to recharge, the device can also work properly.

4.3 Connect to Computer

When TF card is inserted, the device can be used as a USB mass device storage to conveniently store, back up and move files. The “Connect to Computer” icon is as shown below.

While moving files into or out of the device, please do not disconnect the device from the computer.

5.WALKIE TALKIE Setting

Please note the instructions in this chapter for the first use of the intercom.

1. Press the PTT button, keep 5~7cm distance away from the microphone, and speak normally. The icon indicates that you are transmitting, as shown below.

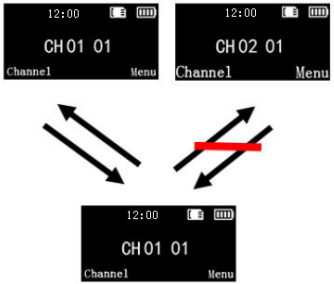
To avoid cutting off your speech, press the PTT button for a second prior to start speaking. Release the PTT button to end the transmission. When receiving a message, the icon will be displayed as shown below.

Note

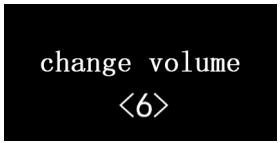
- Please use the original earphones to avoid damaging the intercom.

Please set the 2 devices to be used for communication into same frequency channel and same Continuous Tone-Coded Squelch System (CTCSS) in advance before using. **As shown**

below.

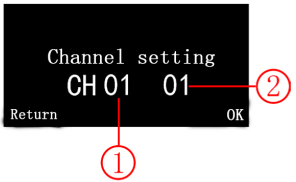


2.You can adjust the walkie talkie volume through the up-and-down scroll button on the side of the device, as shown below.



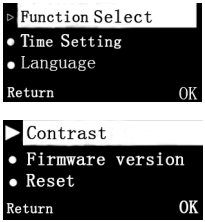
3.In walkie talkie interface, short pressing the PLAY button can set the frequency channel. Move the volume button upward or downward to choose the frequency channel and CTCSS you need. There are 20 frequency channels and 99 CTCSSs you can choose. When the figure of CTCSS is 00, the CTCSS will be turned off.

Setting interface information:



1.Frequency channel
2.CTCSS (00 means turn off the CTCSS)
In walkie talkie interface, short pressing the Menu button can enter into the system menu. The menu options are as follows: function setting, time setting, language, contrast ratio,

firmware version, and restore factory setting. The referencing interface is as follows:



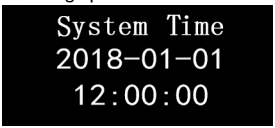
(1) Function Setting

Choose “Function Setting” menu and pressing Menu button will enter the Function Setting option menu where you can choose the function you need.

Walkie-Talkie: enter the walkie talkie mode.
MP3: play the music files in your TF card.
Record Replay: play your recording files.

(2) Time Setting

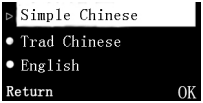
Choose “Time Setting” menu and pressing Menu button will enter the Time Setting option menu.



Move the volume button upward or downward to adjust the date, short press PLAY button to choose the next setting item and short press Menu button to confirm the setting.

(3) Language

Choosing “Language” and pressing Menu button will enter the Language menu. The referencing interface is as follows:



(4) Contrast Ratio

Choosing “Contrast Ratio” button and pressing Menu button will enter the Contract Ratio Setting menu.

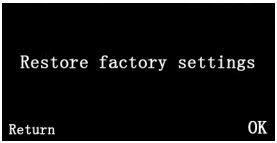
Move the volume button upward or downward to adjust the proper contrast ratio, short press PLAY button or Menu button to confirm the setting.

(5) Firmware Version

Choose “Firmware Version” menu and press Menu button will enter the Firmware Version.

(6) Restore Factory Setting

Choose “Restore Factory Setting” menu and pressing Menu button will enter the restore factory setting interface.

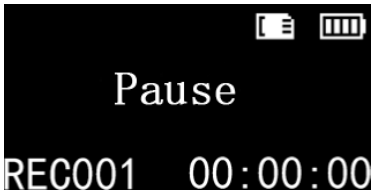


Short press PLAY button to cancel “Restore Factory Setting”. After short press Menu button, the parameters of the device will be restored to factory setting and the data of your settings will be reset.

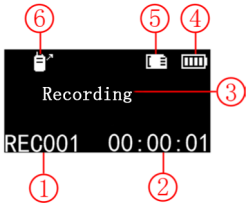
6.WALKIE TALKIE Recording

1.In walkie talkie interface, move the Record button to recording status to start recording. Please direct the built-in microphone to the audio source.

2.In recording status, when you press the PTT button or receive messages from others, the device will start to record automatically, otherwise the recording will be paused. If you wish to end recording push the Record button downwards. This will save the audio file and the device will return to walkie talkie interface.



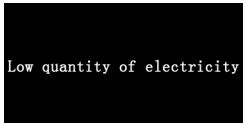
Recording interface information:



① File name of recording
② Length of recording(hh:mm:ss)
③ Recording status
④ Battery indicator
⑤ TF card is inserted
⑤ Intercom status indicator

Note

- If the battery indicator displays empty, it represents low battery. The system will be automatically turned off when battery is too low. If it is recording, the system will automatically save the recording file prior to turn-off. When the battery is low, please recharge promptly. The icon displayed when the battery is low and the system will be turned off is as follows:



Hint:

- If the recording time exceeds the usable capacity of the device or the number of files reaches the limit of 200, the recording stops. Please delete part of recording or delete files from the device's memory
- When the device is in the recording mode, please do not turn off the power, otherwise it will cause the device failure, recording file loss or recording file damage.
- Please charge battery in advance if you need to record for a long time.

7.MP3 Mode

Under the intercom interface, you can short press the Menu button, choose “Function Setting” and choose “MP3”, short press the Menu button to confirm .

Short press PLAY button to confirm

① Current file number
② Intercom/play mode indicator
③ Battery indicator
④ File name
⑤ Total time of current file
⑥ Current played time
⑦ Total number of files

7.1 Play Mode

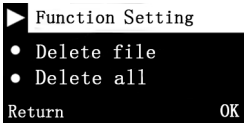
1. Press the “PLAY” button to start playing.
2. Move the volume button upward or downward to adjust the volume.
3. Long press the “PLAY” button to stop playing. In the state of stop, short press Menu button to enter the Music Menu Setting interface.
4. When playing, press “PLAY” button to pause playing and resume playing by pressing PLAY button again.
5. When playing, keep **pressing** “⏮” or “⏭” **button** to fast forward or backward the current playing file.
6. In music playing interface, you can use the intercom function but cannot set frequency channel. When you need to communicate, press the “PTT” button of the device to start. When playing, the device will automatically pause the music if receiving a call. After the end of

communication, if you need to continue playing music, press the “PLAY” button again to continue playing music.

Hint:

- When the earphone plug is inserted into the jack, the loudspeaker of the device will be turned off.
- Please make sure to use the original earphone.

In music pause/stop interface, short press the “PLAY” button to play, short press the “Menu” button to pop up the following list of menus: function setting, delete file and delete all. The referencing interface is as follows:



(1) Delete File

Choosing “Delete File” menu in music menu list and pressing the Menu button to delete the current file.

Short press PLAY button to cancel deleting file and press Menu button to delete the current file.
If you do not set anything for a long time, it will automatically exit the delete interface.

English

(2) Delete All

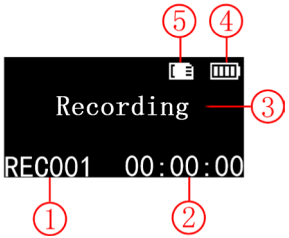
Choose “Delete All” menu in music menu list and pressing the Menu button to delete all files.

Short press PLAY button to cancel deleting files and press Menu button to delete all files.
If you do not set anything for a long time, it will automatically exit the delete interface.

8.Audio Recording Mode

1.In MP3 interface or recording replay interface, move the Record button to recording status to start recording.
2.Move the Record button to stop status to stop recording and return to the stop playing interface of current recording file.
The referencing recording interface is as follows:

Recording interface information:



① Recording file name
② Recording length
③ Recording state
④ Battery indicator
⑤ TF card is inserted

9.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

9.1 The device cannot be switched on:

The battery is empty, please recharge promptly.

9.2 Recording cannot be started:

The maximum storage capacity of the device is exceeded. Please delete some recordings or replace the TF card.

10.Technical Parameter

10.1 Technical index

Range of frequency: 409.000-410.000MHZ
Nominal voltage: DC 3.7V
Frequency synthesis: Phase-locked loop frequency synthesis
Number of Communication channels: 20 channels
Communication: same-frequency simplex or different-frequency simplex
Sensitivity: ≤-123 dBm (14dB SINAD)
CTCSS/DCS: 99 groups

10.2 Size and Weight

Length× width× height: 130×33.5×21 (mm)
Weight (including battery): 62g

10.3 PC Interface

Compatible with Windows 10/ 8/7/Vista/XP/2000, Mac OS X 10.8
Port: USB 2.0 port
Max: Support 32GB TF card

10.4 Recording

Bit rate: 352kbps
Recording Format: WAV
Operational Condition
Temperature: 5° - 45°C
Air Humidity: 10% - 90%, Non-condensing

Warranty card

质保书

1 year warranty

一年质保

Type: VTR5110

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

This document is printed on chlorine free produced paper

Data subject to change without notice

This product was brought to the market by Speech Processing Solutions GmbH or one of its affiliates, further referred to in this document as SPS, which is the manufacturer of the product. SPS is the warrantor in relation to the product with which this booklet was packaged.

For China only

只限中国地区

Printed in China

© 2018 Speech Processing Solutions GmbH.
版权所有文档版本 1.0, 2018/06/05

Register your product and get support at
www.philips.com/welcome