M1

敬爱的用户

欢迎购买山灵M1便携音乐播放器，谨让我们借此机会向您示诚挚的谢意。我们向您建议：在动手操作之前，请仔细阅读此使用说明书，并注意存放好以备随时参考。
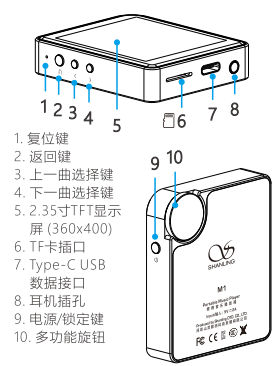
产品简介

本产品能支持MP2、MP3、WAV、WMA、FLAC、AAC、ALAC、AIFF、OGG、APE、DSF、DFF等音乐格式，最高支持192K/24bit采样率，并支蓝牙4.0和Apt-X协议，是一款高性能的便携音乐播放器。

安全指示

1. 不可自行打开本机进行维修或改造！产品不设有用户自行检修的零件，本机的维修须具备专业资格的人员进行。开启机器及随意改造内部电路会令检修人员难以维修本机，而且会对机器造成性能或质量的影响。
2. 请不要在特别热、冷、多尘或潮湿的环境中使用本产品。
3. 充电时机器有轻微发热，属正常现象。
4. 使用时不要让本品摔落，或与硬物摩擦撞击，否则会导致播放器表面刮花，电池脱落，数据丢失或其它硬件损坏，不要剧烈震动或撞击，防止不正确使用而损伤本产品。
5. 请调节适当音量欣赏音乐，以免损伤您的听觉和音响系统，在插入耳机前，请先将音量调小，不要长时间使用耳机。
6. 不要使用化学剂或清洁剂清洁本产品，这样会损伤产品表面和腐蚀喷漆。
7. 本产品在格式化或上传/下载过程中不要突然断开连接，否则可能导致程序出错。
8. USB只用于数据传输或者充电，请尽量避免边充电边使用。
9. 当长期没有使用本产品时，需要对产品定期充电，以保证电池寿命。
10. 电池更换不当会有爆炸危险，只能用同类型或类等效类型的电池。
11. 电池不得暴露在诸如日照、火烤或类似过热环境中。
12. 建议将TF卡格式化为FAT32格式，以获得最好的系统动作表现。

★ 产品技术标准：GB8898

部件名称

1. 复位键
2. 返回键
3. 上一曲选择键
4. 下一曲选择键
5. 2.35寸TFT显示屏(360x400)
6. TF卡插口
7. Type-C USB 数据接口
8. 耳机插孔
9. 电源/锁定键
10. 多功能旋钮

操作说明

开机/关机/锁屏

1. 开　机：长按电源键开机，显示屏点亮。
2. 强制关机：长按5秒关机，显示屏关闭。
3. 锁　屏：在开机状态下，短按一次进入锁屏状态，显示屏幕关闭，再按一次恢复解锁。可在系统设置中打开"锁屏操作"功能，在锁屏状态下可切换即歌曲、快进快退、暂停播放、继续播放及音量调节功能操作。

> 注：在无播放状态下，设置"省电关机"时间，系统会在1、3、5或10分钟后自动关机。在播放状态下，设置"睡眠关机"时间，时间倒数为0时自动关机。在"省电关机"和"睡眠关机"都关闭且在无播放状态下，系统会在1分钟自动进入深度待机。

充 电

连接USB线充电时显示屏显示电池充电图标及电量，充满后系统会自动关机。

多功能旋钮

1. 滚轮旋转：在正在播放界面下为音量调节功能，在其它界面下为选择功能。
2. 45度按下：在播放界面下，短按为播放及暂停功能。在其它界面下，短按为确定。在我的音乐、文件浏览和播放界面下，长按可弹出功能按钮，可对文件和歌曲进行编辑。

返回/上一曲/下一曲

1. 返回键⊃：在任意界面下为退出功能，长按可快速切换到首页。
2. 上下曲切换键▽/∧：a.在我的音乐、文件浏览界面下，短按为向上向下翻页浏览。
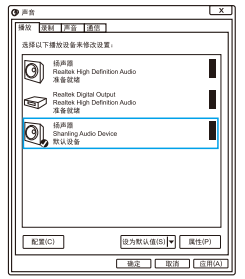　　b.在其它任意界面下，短按为切换上下曲，长按为快进快退。

RESET键

系统复位键，按下后自动重启系统。

耳机输出接口 (∩)

标准3.5mm耳机接口

TF卡插口

插标准TF卡，最大支持200G容量。

USB数据接口

1. 数据交换
　a. 打开本机进入"系统设置"界面，选择"USB模式"项并设置在"USB"状态。
　b. 连接电脑后，即可进行TF卡的歌曲管理。在"系统设置"中选择"更新我的音乐"并确定更新，可便TF卡的歌曲在"我的音乐"中显示。

2. 传输数字音频信号
　a. 打开本机进入"系统设置"界面，选择"USB模式"项并设置在"DAC"状态后返回主界面。
　b. 连接电脑后，请待"USB驱动"安装至电脑上。
　c. 在电脑的"声音中"选项卡键选择"播放设备"，并勾选"扬声器Shanling Audio Device"为默认设备，如右图示：

USB驱动程序下载方式：

请登录官网www.shanling.com进入M1产品页进行相关下载。

常见问题

1. 不能显示封面：本机支持100KB以内的JPG或显示。如果挂封面，请重命名封面文件与对应歌曲文件同名。本机支持文件夹封面，将名称为front或cover或folder的图片放在文件夹中，该文件夹所有歌曲均能显示封面。
2. 不能显示歌词：请确认是否为LRC格式的歌词文件，并确认歌词文件是否与歌曲文件同名且置于同一个文件夹内。
3. 显示乱码：请尝试在"系统设置"中修改语言设置。另，其机按内码显示，如果曲目的内码系不正确，也可能不能正常显示。
4. 曲目格式与文件后缀名不相符：本机显示的曲目信息，为由ID3标志信息，可能与文件后缀名不相同，属正常现象。
5. 文件浏览查看到文件：本机只列示播放支持的曲目文件，其它文件不能浏览查看。
6. 死机：CPU偶尔运行出错导致死机，请长按"电源键"10秒强制关机。
7. 屏幕无显示：没有电源，电池可能需要重新充电。或者系统发生故障，请尝试使用"复位键"进行系统复位。

其它注意事项

8. 滚轮无法调节音量：系统被锁定，需要短按电源键进行解锁。
9. 没有声音输出，或者声音有噪声：请检查音乐输出设备和音乐文件是否完好。
10. 耳机有杂音：耳机插头没有插到位或可能接触不牢靠，请重新规插复位。
11. 无法输出：请尝试使用原装或合适的音频连接线，并确保输出正常。
12. 显示屏上的文字出现异常：请检查语言设置是否正确。
13. 不能正常与电脑联机下载音乐：请检查USB线是否损坏，连接是否妥当或者内存是否足够。

规格与参数

电源（适配器）：	DC5V, 2A/Type-C USB接口
输出功率：	31mW @ 32Ω
频率响应：	20Hz ~ 20kHz
失真度：	<0.006% (A-Weighting, 输出500mV)
信噪比：	>103dB (A-Weighting)
动态范围：	>103dB
输出阻抗：	0.1Ω
声道分离度：	69dB
电池充电时间：	2A适配器供电，充满时间大约3H (关机状态) Type-C USB接口，充满时间大约6H (关机状态)
电池播放时间：	9-10小时
供电方式：	内置可充电聚合物电池，容量950mA
推荐耳机阻抗：	32 ~ 300Ω
存储方式：	外置TF卡，最大容量支持200G
USB：	Type-C (USB2.0)
体积（宽×深×高）：	50×13×60mm
净重：	约60g

随机附件

说明书：1份	保护膜：4张
保修卡：1份	USB A转Type-C线：1根
读卡器：1个	

公司名称：深圳市灵数码科技发展有限公司
公司地址：深圳市南山区蛇口赤湾一路10号
服务热线：400-6688-701
E－mail：info@shanling.com
官　网：http://www.shanling.com
※ 由于产品不断改进，各项规格及设计随时更改，恕不另行通知。

Dear Customer

Thank you for purchasing the M1 portable music player. We'd like to express our sincere gratitude to you. You are recommended to read the user manual carefully before operating the device. Please keep this user manual properly for future reference.

Product Introduction

This device is a portable high resolution music player, which supports music formats of MP2, MP3, WAV, WMA, APE, FLAC, AAC, ALAC, AIFF, OGG, DSF, DIFF, etc., with the highest sampling rate of 192K/24bit, and bluetooth 4.0 with APT-X protocol as well.

Security Instructions

1. Don't repair or modify the device without permission. None of the parts in this device could be checked or repaired by the user. Only professionals are entitled to check or repair this device. If the user dismantles it and modify its internal circuit personally, it will make it difficult for our maintenance worker to repair, and may possibly impacts its performance and quality.
2. Please don't use this device in extremely hot, cold, dusty or humid circumstances.
3. It is normal that this device will heat during charging.
4. Prevent this device from falling, friction, or crashing against hard objects during use, otherwise surface scratch, battery disconnection, data loss or other hardware damages will be caused. Please also avoid violent vibration or impact.
5. Please enjoy the music in a proper volume to avoid impairing your hearing and damaging the sound system. Before plugging your earphone into the device, please turn down the volume first. Don't listen to music with the earphone for a long time.
6. Don't clean this device with chemicals or detergents, otherwise its surface and top coating may be damaged.
7. Don't disconnect this device during formatting, uploading or downloading; otherwise, a program error may occur.
8. the USB port is only for data transmission or charging. Please try to avoid using this device when it is charging.
9. When this device is not in serve for a long time, please charge it regularly to guarantee battery life.
10. Please replace the battery with ones in the same types as the original ones, as improper replacement will bring the risk of explosion.
11. Never expose its battery to sunlight, fire or other extremely hot circumstances.

★ Technical standard of this device: GB8898

Names of Parts

1. Reset button
2. Return button
3. Previous selection button
4. Next selection button
5. 2.35" TFT LCD display screen (360x400)
6. TF card port
7. Type-C USB data port
8. Earphone jack
9. Power/Lock button
10. Multi-functional knob

Operation Instructions

Power ON / OFF / Screen Locking

1. Power on: boot up this device by holding the Power button, then the LCD display turns on.
2. Shutdown: power off this device by holding the Power button for 5 seconds, then the LCD display turns off.
3. Lock the screen: when this device is on, press the Lock button to enter the screen locking mode, with the LCD display off automatically; to unlock it, press this button again. If you enable the "Screen locking manipulation" function in the System Settings menu, skipping songs, skipping forward or backward, pausing, resuming playing and volume adjustment all are available when the screen is locked.

> Note: the device can be set for "Automatic Shutdown" in 1, 3, 5, or 10 minutes under standby status. When playing, user could also set the playing time in the "shutdown timer" option, the device will then shutdown when timer counts down to 0. When "Automatic Shutdown" and "shutdown timer" are both off, the device will turn to deep sleep mode in 1 minute under standby status.

Charging

The charging icon and the battery power will be displayed on the LCD display when this device is charging with the USB cable. After fully charged, the device will be shut down automatically.

Multi-functional Knob

1. Roll the ring: for volume adjustment in playing music and for function selection on other interfaces.
2. 45 degrees press: in the play interface, short press to play and pause function. for confirmation through pressing once on other interfaces. On the interfaces of My Music, File browsing and Music Playing, hold it for popping up a functional menu for editing files or songs.

Return/Backward/Forward

1. Return button ⊃: for returning on all interfaces, Hold it for going back to the homepage quickly.
2. Backward/Forward button ∧/∨:
a. press once on the interface of my music or file browsing to page up/down.
b. press once on any other interface to skip backward/forward, and hold for fast backward/forward.

RESET Button

This button is for system reset. After pressing it down, the system will reboot automatically.

Earphone Output Interface (∩)

The interface is a standard 3.5mm earphone jack.

TF Card Port

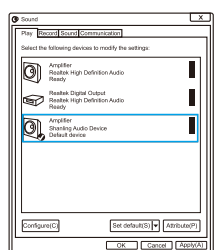The port is only for the standard TF card and supports a capacity to 200G.

USB Potr

1. Data exchanging
a. After booting up this device and entering the "System Settings" interface, select the "USB Mode" option and then set to the "USB" status.
b. After being connected to a computer, songs in the TF card could be managed. Songs in the TF card could be displayed in the folder of "My Music" through selecting the option of "Update My Music" in the "System Settings" menu and then confirming the update.

2. Digital audio signal transmission
a. After booting up this device and entering the "System Settings" interface, select the "USB Mode" option and then set to the "DAC" status, then get back to the main interface.

b. After connected to a computer, install the "USB Driver" on the computer.
c. Select the "Media Player" through right clicking in the "Sound⑦" icon on your computer and then check the "Amplifier Shanling Audio Device" as the default, as shown at right:

How to download the USB driver:

Enter the M1 product page on www.shanling.com to download the USB driver.

Common Problems

1. The cover could not be displayed: This device supports displaying the cover in JPG format within 100KB, and those in other formats may not be displayed normally. If it is a plug-in cover, please rename it with the same name as the song it corresponds to. Moreover, this device also supports displaying the cover of a folder. After putting the cover picture named as "Front", "Cover" or "Folder" into the folder, the cover will then be displayed in playing every song in the folder.
2. The lyric could not be displayed: Please check if the lyric file is in LRC format. And make sure the lyrics file got a same file name and is in the same folder with the music file.
3. The contents displayed are unreadable: Please try to modify the language setting in the "System Settings" menu. In addition, as this device displays with internal codes, the contents may not be displayed normally if the internal code marks of music are wrong.
4. The music format isn't consistent with the file name suffix: This is normal as the music format displayed by this device supports ID3 tag and may be different from the file name suffix.
5. Files could not be found under the file browsing: This device displays only music files it supports, and other files could not be viewed.
6. System halting: This occurs due to the occasional operation error of CPU. In this case, please press and hold the Power button for 10 seconds to force a shutdown.
7. No display on the LCD screen: There is no power supply or the battery may need recharging, or the system may have a trouble. Please try to reset the system through pressing the Reset button.
8. The volume could not be adjusted with the roller: The system is locked. Please press the Power button to unlock it.
9. No sound or there is some noise: Please check if the earphone and the music file are both working.
10. There is some noise from the earphone: The earphone output interface may suffer from unreliable contact. Please unplug and then plug the earphone again.
11. No output: Please use the original or a proper audio cable, and ensure the output is normal.
12. The words displayed on the LCD screen are abnormal: Please check if the settings on language are proper.
13. Unable to connect with an online computer to download music normally: Please check the condition of the USB cable, the connection between this device and the computer, and make sure that there is enough space in the memory card.

Specifications and Parameters

Power supply (adapter):	DC5V, 2A/Type-C USB port
Output power:	31mW @ 32Ω
Frequency response:	20Hz ~ 20kHz
THD+N:	<0.006% (A-Weighting, Output 500mV)
SNR:	>103dB (A-Weighting)
Dynamic range:	>103dB
Output impedance:	0.1Ω
Channel separation:	69dB
Battery charging hours:	about 3 hours to fully charge the battery (when the music player is powered off) with a 2A adapter about 6 hours to fully charge the battery (when the music player is powered off) with a Type-C USB cable
Playing hours after each time of full charging:	9-10 hours
Power supply:	by the built-in rechargeable lithium polymer battery with a capacity of 950mA
Recommended earphone impedance:	32 ~ 300Ω
Istorage:	the external TF card, which supports a capacity up to 200G
USB:	Type-C (USB2.0)
Dimension (width×thickness×height):	50×13×60mm
Net weight:	about 60g

Attached Accessories

User's manual: 1	Protective film: 4
Warranty card: 1	USB A: to Type-C cable: 1
Card reader: 1	

Safety Information and Notices

Failure to comply with the following precautions may be dangerous or illegal. Never attempt to disassemble your device. You alone are responsible for how you use your device and any consequences of its use.

As a general rule, always switch off your device wherever the use of a device is prohibited. Use of your device is subject to safety measures designed to protect users and their environment.

Do not use your device in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your device to extreme temperatures lower than - 10°C and higher than + 50°C.

Do not leave your device within the reach of small children (certain removable parts may be accidentally ingested).

The product shall only be connected to a USB interface of version USB2.0.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Sound pressure safety

Use carefully with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Proper use

As described in this manual, your device can be used only in right location. If possible, please do not touch the antenna area on your device.

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Service hotline: 400-6688-701
E-mail: info@shanling.com
Website: http://www.shanling.com
※ due to product is ameliorating, specifications and design are subject to change, do not notice.