

M2X

USER MANUAL

说明书



Dear Customer

Thank you for purchasing the M2X portable music player. We'd like to take the opportunity 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 for future reference.

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 serviceman 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. This device might get warm during charging.
4. Prevent 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 headphones into the device, please firstly turn down the volume.
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 or transferring files. 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 use, please charge it regularly to guarantee battery life.
10. Please replace the battery only with ones of the same type as the original ones, as improper replacement will bring the risk of explosion.
11. Never expose battery to sunlight, fire or other extremely hot circumstances.
12. Please download update file from our official site www.shanling.com, and update accordingly to the instruction.



Touch Screen Operation

User can control multiple functions by sliding or clicking.

Click: Go to the next menu or confirm.

Right slide: Swipe right to return to the previous menu.

Slide up: Slide up from the bottom of the screen to perform quick jump to the main menu.

Previous / Next / Play & Pause

1. Previous ⏮: Short press to jump to previous song or to beginning of current song. Long press for fast rewind in currently playing song.
2. Next ⏭: Short press to jump to next song. Long press to fast forward in currently playing song.
3. Play & pause buttons ⏮||: short press to play or pause playback.

Volume Control

Turn the wheel clockwise to increase the volume, turn the wheel counterclockwise to decrease the volume.

Charging

It is recommended to use DC5V 2A adapter for charging. The charging icon and the battery level will be displayed on the LCD display when the device is charging with the USB cable.

TF Card Port

1. The port is only for the standard TF card(Micro SD) and supports a capacity up to 2TB.
2. Open the TF card cover, insert the TF card into the card slot in the indicated direction and press it gently until it locks inside. Press again to remove the card.

Headphone Output Interface

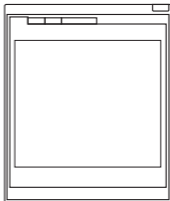
The interface is a standard 3.5mm headphone jack.

Balanced Headphone Output Interface

The interface is a standard 2.5mm balanced headphone jack.

USB Port

1. Data exchanging
 - a. After booting up the device and entering the "System" interface, select the "USB Mode" option and set to the "USB" status.
 - b. After connecting to a computer, user can start to manage songs on the TF card.
 - c. After disconnecting, go to settings, choose "Update Library" and click on "Update Now". This will load all information about music files on TF card and will all files in "All Songs" tab.
2. Digital audio signal transmission
 - a. After booting up the device and entering the "System" interface, select the "USB Mode" option and set to the "DAC" status.
 - b. Install the USB Driver on the computer before connecting player.



Over-the-Air Update

1. Turn on WiFi in the player and connect to an available network.
2. In the "System", select "System Update" → "Network update". Update selection box will appear, press "OK", to update latest firmware automatically.

Note: If M2X is already using latest firmware, it will be shown on the screen.

3. Please do not operate player during the update process. After the update is completed, the player will automatically restart and enter the main interface.

TF Card Update

1. Please download the firmware update from the Shanling official website-Product Center-M2X' product page,. Copy the latest firmware file to the TF card, it must be placed into the root directory of TF card.
2. In the "System", select "System Update" → "TF card update". Update selection box will appear, press "OK", latest firmware will be update automatically.
3. Please do not operate player during the update process. After the update is completed, the player will automatically restart and enter the main interface.

Common Problems

1. It is recommended to use DC5V 2A adapter. Using the adapter with higher voltage may damage M2X.
2. Unable to start M2X, it may be caused by low power or exhausted battery, please recharge and then start up again.
3. In the case of system freezing or crashing, please press and hold the Power button for 10 seconds to force a shutdown.
4. If there is noise from headphones, headphone's output interface may not be connected correctly, please try to insert it again.
5. When there is no sound, try to use different pair of headphones or different cable and make sure the system volume is set correctly.

Specifications and Parameters

General specifications

Power supply (adapter)	DC5V, 2A/Type-C USB port
Battery charging time	about 2.5 hours to fully charge
Battery life	about 10.5 hours (Headphone output) about 7.5 hours (Balanced headphone output)
Power supply	by the built-in rechargeable lithium polymer battery with a capacity of 2400mAh
Storage	the external TF card, which supports a capacity up to 2TB
USB	Type-C (USB2.0)
Dimensions	98× 60× 16mm
Weight	about 147g

Headphone output parameters (3.5mm)

Output power:	180mW@ 16 Ω / 106mW@ 32 Ω
Frequency response	20Hz ~ 40kHz (-0.5dB)
SNR	117dB (A-Weighting)
Output impedance	1 Ω
Channel separation	70dB (32 Ω)
THD+N	0.0015%

Balanced headphone output parameters (2.5mm)

Output power:	212mW@ 16 Ω / 120mW@ 32 Ω
Frequency response	20Hz ~ 40kHz (-0.5dB)
SNR	117dB (A-Weighting)
Output impedance	2 Ω
Channel separation	107dB
THD+N	0.0016%

Attached Accessories

User's manual: 1	USB A to Type-C cable: 1
Warranty card: 1	



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DC5V 2A

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1. TF 2TB

2. TF TF

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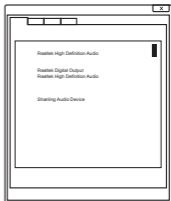
b. TF

2.

a. "USB" "DAC"

b. "USB"

c. "Speaker" "Shanling Audio Device"



USB驱动程序下载方式：

www.shanling.com

M2X

TF

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 TF

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	2400mAh
	TF 2TB
USB	Type-C (USB2.0)
	98×60×16mm
	147g

(3.5mm)

	180mW@ 16 / 106mW@ 32
	20Hz ~ 40kHz (-0.5dB)
	117dB (A-Weighting)
	1
	70dB (32)
+	0.0015%

(2.5mm)

	212mW@ 16 / 120mW@ 32
	20Hz ~ 40kHz (-0.5dB)
	117dB (A-Weighting)
	2
	107dB
+	0.0016%

1	USB A Type-C	1
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MicroSD

MicroSD

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DC5V,2A

MicroSD

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MicroSD

2. DAC

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USB

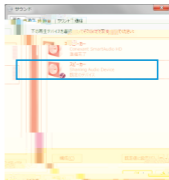
DAC

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USB

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Shanling Audio Device



USB

www.shanling.com M2X

USB

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MicroSD

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MicroSD (M2X)

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:	10.5 ()	
	7.5 ()	
:	2,400mAh	
:	Micro SD (2TB)	
USB:	Type-C(USB2.0)	
:	98 × 60 × 16mm	4
:	147g 47g	4



Due to continuous improvement, every specification and design is subject to change at any time without further notice.