seeknature

Leader of recording and live streaming equipment

ST60 PRO AUDIO INTERFACE USB

Product manual

Notice

Thank you for purchasing and using Seeknature products. To ensure a comprehensive understanding of the product, please carefully read this product manual and warranty card before use.

About this Manual

The copyright of this manual belongs to Shenzhen Super-Nature Multimedia Co.,Ltd. Trademarks and names mentioned in this manual belong to their respective owners.

If there is any inconsistency between the content of this manual and the actual product, the actual product shall prevail.

Seeknature has conducted rigorous scrutiny and verification of this manual, but we cannot guarantee that it is entirely free of errors and omissions. If you have any questions or objections to any content or terms of the manual, or if you encounter any problems during the product use, please feel free to call for consultation at (+86)400-090-3609.

Thanks!

Shenzhen Super-Nature Multimedia Co.,Ltd.

Product Introduction

The Seeknature ST60 Pro Audio Interface USB is a professional-grade mixing sound card that integrates five major functions: vocal effects processor, professional sound card, live effects, headphone amplifier, and Bluetooth accompaniment. It features a built-in 5000mAh polymer lithium battery for ultra-long endurance. With a thoughtful design incorporating 21 application effects, 12 scene sound effects, and 4 mode switches, users can enjoy a seamless experience on livestreaming and karaoke platforms. The electronic sound effects, reverb, and equalizer adjustments instantly elevate your performance to a professional level. The control panel allows for customization of numerous sound effects and special effects, and its desktop design boasts exceptional aesthetics.

Product Features

- Integrates vocal effects processor, professional sound card, live effects
- Supports Bluetooth accompaniment
- 5000mAh polymer lithium battery for extended battery life
- Supports 21 application effects, 12 scene sound effects
- Supports 4 mode switches: One-Key Loopback, Voice Elimination, One-Key Denoise, and Dodge
- Adjustable-effects for Chat, KTV, Talk, evasion, baby voice, gender change, electronic music, phone
- Equilibrium adjustments for karaoke and shouting, adjustable reverb for wet and dry recordings
- Control panel for customization of numerous sound effects and special effects
- Desktop design with exceptional aesthetics
- Built-in 48V interface
- Supports musical instrument use
- Meticulously crafted, interpreting the spirit of Chinese craftsmanship

Packaging List:

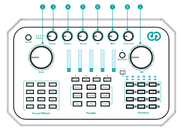
Interface Details

Product Weight: Approximately 845g	Signal-to-Noise Ratio (D/A): 103dB
Product Dimensions: 24015258mm	Dynamic Range (D/A): 101dB
Battery Specifications	Signal-to-Noise Ratio (A/D): 100dB
Battery Type: Lithium Polymer Battery	Dynamic Range (A/D): 98dB
Battery Capacity: 5000mAh/3.7V	Total Harmonic Distortion (D/A): -90dB
Charging Time: Approximately 5 hours	Total Harmonic Distortion (A/D): -88dB
Interface Details	
48V Microphone (Canon) x 1	OTG (Type-C) x 1
5V Microphone (3.5mm) x 1	Charging (Type-C) x 1
Live Broadcasting (3.5mm) x 1	Headphone (3.5mm) x 1
Computer (Type-C) x 1	Headphone (6.35mm) x 1

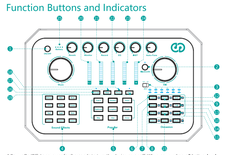
Function Description

Function Knobs:

1.Music: Controls the volume of accompaniment. Turn right to increase the volume, turn left to decrease it.
2.MIC: Controls the microphone volume. Turn right to increase the volume, turn left to decrease it.
3.Reverb: Adjusts the strength of the reverb effect. Turn right to enhance the reverb effect, turn left to reduce it. This knob becomes inactive when connected to the control panel.
4.Monitor: Controls headphone monitoring volume. Turn right to increase the volume, turn left to decrease it.
5.Record: Controls recording volume. Turn right to increase the volume, turn left to decrease it.
6.EQ : Adjusts the strength of the equalization effect. Turn right to enhance the equalization effect, turn left to reduce it. This knob becomes inactive when connected to the control panel.
7.INST : Controls the instrument volume. Turn right to increase the volume, turn left to decrease it.
8.AutoTune: Adjusts the strength of the electronic music effect. Turn right to enhance the effect, turn left to reduce it.



Function Buttons and Indicators



1.Power On/Off: Long-press 2 seconds to turn the device on or off. When powered on, all battery level lights will illuminate before displaying the current battery level.
2.Bluetooth: Long-press for 2 seconds to activate or deactivate Bluetooth. When the Bluetooth button is long-pressed, it activates the Bluetooth mode, prompting "Bluetooth enabled, waiting for connection." Once connected, it will prompt "Bluetooth connected," enabling playback of accompaniment music. Long-pressing the Bluetooth button deactivates Bluetooth. While the sound card is connected to the phone via Bluetooth, if the phone's Bluetooth is turned off, the sound card will automatically disconnect from Bluetooth. It will then prompt "Bluetooth turned off," and the sound card automatically disables the Bluetooth function. Note: The accompanying mobile phone can be connected via Bluetooth for wireless playback of accompaniment music. To connect a new accompanying mobile phone, the previous connection with the sound card's Bluetooth needs to be disconnected first before connecting to the new mobile phone's Bluetooth for wireless playback of accompaniment music.
3.48V Switch: Set to "OFF" for the 48V microphone to be inactive; set to "ON" for the 48V microphone to be active.

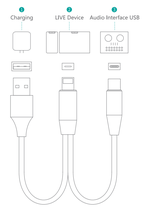
Function Buttons and Indicators

4.Sound Effects: Airhorn,Albert,Bruh,LTA,Wow,Potato,Sad,Cash,Emo
5.Voice Effects: Female,Male
5.Popular: Fwd-X ,Dodge1, Cheer, Applause ,Laughter ,Giggle, Slap, Kiss, Grow
6.Loopback: Pressing this function button illuminates the corresponding indicator light. Computer accompaniment audio is looped at this time. Pressing the button again turns off the indicator light, and accompaniment audio playback resumes.
7.Denoise : Pressing this function button illuminates the corresponding indicator light, reducing environmental noise input.
8.Mic/Dry: Pressing this function button illuminates the corresponding indicator light. The headphones will only monitor the microphone input, muting the accompaniment music playback.
9.Auto-Tune: Pressing this function button illuminates the corresponding indicator light: entering electronic music mode in default.E mode: Pressing the button again will change the keynote.
10.Mute: Pressing this function button illuminates the corresponding indicator light, suitable for live singing scenes.
11.Eliminate: Pressing this function button illuminates the corresponding indicator light, allowing removal of vocals from the accompaniment music playback.
12.Chat: Pressing this function button illuminates the corresponding indicator light. The microphone produces original sound effects, suitable for live chat scenes.
13.Dodge: Pressing this function button illuminates the corresponding indicator light, providing a dodging rap effect.
14.Dodge: Pressing this function button illuminates the corresponding indicator light. When the microphone input is active, the accompaniment sound fades out; when the microphone input ends, the accompaniment sound fades in, suitable for hosting live scenes.
15.Popular: Pressing this function button illuminates the corresponding indicator light. After connecting to the control panel, custom sound effects can be downloaded to the device. During this time, the custom sound effect buttons are disabled. If the custom sound effects selected before connecting to the control panel are unavailable, the sound effects revert to default.
16.Female: Pressing this function button illuminates the corresponding indicator light, providing a voice-changing effect suitable for comedic chat scenes.
17.Male: Pressing this function button illuminates the corresponding indicator light, providing a voice-changing effect suitable for comedic chat scenes.
18. Phone: Pressing this function button illuminates the corresponding indicator light, providing a phone effect suitable for live chat scenes.
19. Baby: Pressing this function button illuminates the corresponding indicator light, providing a baby voice sound effect suitable for comedic chat scenes.
20. Reverb Light Strip: Displays the reverb effect volume level.
21. Reverb Light Strip: Displays the reverb effect strength.
22. Monitor Light Strip: Displays the monitoring volume level.
23. Record Light Strip: Displays the recording volume level.
24. MIC Light Strip: Displays the microphone volume level.
25. Battery Indicator Light Strip: 75%~100%: Four bars; 50%~75%: Three bars; 50%~75%: Four bars; 25%~50%: White; charging, the battery indicator lights up one by one from the current battery level until fully charged, then all lights remain on.

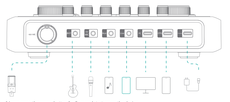
Function Interface Description

1.48V MIC : When using a 48V microphone, plug it into this interface. Also, make sure to switch the 48V switch to "ON."
2.INST : Supports instruments such as guitars.
3.MIC : Supports dynamic microphones and dynamic microphones.
4.Music : Connect external audio sources for accompaniment using a 3.5mm audio cable.
5.Live : Connect to a mobile phone for live streaming using a 3.5mm audio cable.
6.PC : Connect to a computer for computer-based live streaming using a Type-C data/charging cable.
7.OTG : Use the included digital live cable to connect to Android/iPhone smartphones for digital live streaming.
8.Charging : Charge the sound card using a Type-C data/charging cable.
9.Headphone : Connect headphones with 3.5mm and 6.35mm plugs.

Cable Description

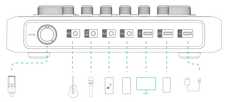


Mobile Live Streaming Introduction



1.Long-press the power button for 2 seconds to turn on the device.
2.Connect the device to the live streaming mobile phone:
1)Use the provided 2.5mm audio cable to connect the product's "Live Broadcast" interface to the headphone jack of the live streaming mobile phone.
2)Use the included digital live cable to connect the product's "Live Broadcast" interface to the charging port of the live streaming mobile phone. This allows simultaneous live streaming and charging of the live streaming mobile phone.
3.Use the provided 3.5mm audio cable to connect the product's "Accompaniment" interface to the headphone jack of the accompaniment mobile phone. Alternatively, long-press the "Bluetooth" button on the device for 2 seconds to enable device Bluetooth. The accompaniment mobile phone can then search for the Bluetooth device named "ST60 Pro" for connection and pairing.
4.Connect headphones to the "Headphone" interface for monitoring.
5.Connect the microphone to the "5V Microphone" or "48V Microphone" interface (when connecting a 48V capacitor microphone, connect the microphone first, then switch on the 48V switch).
6.Configure different live streaming scenes on the sound card based on user requirements.
7.Turn on the accompaniment mobile phone, select suitable accompaniment, and adjust the "Microphone Volume" and "Accompaniment Volume" to ensure the appropriate balance between the microphone and accompaniment volume.
8.Open the live streaming app on the live streaming mobile phone to start an exciting mobile live streaming experience.

Computer Live Streaming Introduction



1.Long-press the power button for 2 seconds to turn on the device.
2.Connect the device to the computer using a USB cable.
3.The computer will automatically detect the "ST60Pro" audio driver.
4.Right-click on the small speaker icon in the lower right corner of the computer screen. Click on "Playback Devices (P)" and set "ST60Pro" as the default playback device. Similarly, set "ST60 Pro" as the default recording device.
5.Connect headphones to the "Headphone" interface for monitoring.
6.Connect the microphone to the "5V Microphone" or "48V Microphone" interface.
7.Open the computer control panel and configure live streaming scenes according to user requirements.
8.Play suitable accompaniment on the computer (or use an accompaniment mobile phone for accompaniment). Adjust the "Microphone Volume" and "Accompaniment Volume" to balance the microphone and accompaniment volumes appropriately.
9.Open the computer's live streaming software to start an impressive live streaming experience.

Common Troubleshooting

[1] Indicator lights do not turn on after device startup.
1) Ensure the device has sufficient charge. Try charging the device and then attempt startup again.
[2] Noise or no sound when using headphones.
2) Check if the headphones are properly plugged in. Reinsert the headphones to ensure a secure connection.
[3] Noise heard during live streaming.
1) Check if the headphones and microphone are fully inserted.
[4] No audio when playing music.
1) Check if the device is successfully connected to the phone.
2) Verify if the headphones are correctly connected to the device interface.
3) Check if the phone is playing music correctly. Try closing and reopening the music app to see if it restores normal operation.
4) Ensure the device's monitoring volume isn't set to the minimum. Adjust the device's monitoring volume to check if it restores normalcy.
5) Check if the phone volume is set to the minimum. Adjust the phone volume to check if it restores normalcy.
[5] Inability to hear microphone sound in monitoring.
1) Verify if the microphone or headphones are correctly connected to the device interface.
2) Check if the microphone volume or monitoring volume is set too low. Adjust the corresponding volume to check if it restores normalcy.
[6] Microphone input lacks reverb effects or absence of reverb effects in karaoke software recordings.
1) Check if the device is set to an appropriate scene mode (in the original sound mode, there might be no reverb effect for microphone input).
2) Try inserting the audio connection cable into the phone's headphone jack first and then the other end into the device's live broadcast interface.
[7] Inability to record microphone sound during karaoke.
1) Check if the device is correctly connected in terms of cabling.
2) Verify if the device app is open and whether the headphone line is connected.
[8]During computer-side live streaming, the audience cannot hear the computer's accompaniment music in group chat or live streaming software.
1) Check if the "One-Key Internal Input" button in the chat or live streaming software is turned on.

Warnings

！This product contains a battery and should not be exposed to extreme temperatures, such as excessive heat (above 45°C) or extreme cold (below 0°C), including exposure to direct sunlight or fire.
！Avoid submersion in water, exposure to rain, or high humidity environments. Dispose of old batteries according to local regulations, and do not dispose of them in household waste.
！Do not dismantle, modify, impact, crush, or dispose of the product in fire to prevent explosions. Cease usage if the battery shows significant swelling.
！Unless otherwise stated in the user manual, users should not attempt to remove or replace the product's battery. Performing such operations can be dangerous and may result in fire or complete damage to the product.

Notices

•When using the product, use the original audio and charging cables. When not in use, please turn off the power and store it in a dry, ventilated place.
•Please supervise children in the household until they are capable of following necessary safety instructions for operating this device.
•Avoid applying excessive force to the machine to prevent product malfunctions or damage. •When connecting or removing various cables, handle the connectors and avoid pulling them forcefully, preventing short circuits or damage to the cables and the device itself.
•When charging using a power adapter, ensure it meets the appropriate safety standards or use a power adapter certified by CCC.
•Before charging the product, check whether the voltage and current of the power adapter are within the specified range. Charge the product regularly and avoid overcharging the battery. Stop charging when the battery is full to prevent overcharging.

Warranty Regulations:

1.Within 7 days from the day after you receive the product, after being confirmed by the after-sales service center, you can enjoy free return or replacement services.
2.From the day after you receive the product to within 8-15 days, after being confirmed by the after-sales service center, you can enjoy free replacement or repair services.
3.Within 12 months from the day after you receive the product, after being confirmed by the after-sales service center, you can enjoy free repair services.

Warranty Coverage

Number	Product Type	Free Warranty Period
1	Sound Card	1 Year
2	Microphone	1 Year
3	Earphones	1 Year
4	Speakers	1 Year
5	Cables	3 Months

* The standard warranty period for products varies due to differences in form and positioning. Please refer to this table for details.

Special Statement:
The product, accessories, and user interface illustrations in the manual are for reference only. Due to product updates and upgrades, there may be slight differences between the actual product and the illustrations in the manual. Please refer to the actual product for accuracy.

Non-Warranty Terms:

1.Inability to present the original valid warranty or purchase certificate of the product, or if the product exceeds the specified warranty period.
2.Product malfunctions or damages caused by not adhering to the instructions in the product user manual.
3.Unauthorized disassembly, repair, modification, or replacement of components by entities not officially authorized by Seeknature, leading to product malfunctions.
4.Alteration, replacement, or tearing of the product's serial number label, indicating normal wear and tear.
5.Product damage due to unforeseen circumstances or human actions, such as inappropriate voltage input, high temperatures, water ingress, mechanical damage, impact, oxidation, external forces, or natural disasters causing performance issues or damage.
6.Hardware damage or wear to the product during transportation or indirectly causing software malfunctions.
7.Unauthorized alteration of inherent setting files or product failure due to virus damage.
8.This certificate serves solely as a basis for providing product warranty and does not possess any other legal effects. Altered certificates are invalid, and repair records are based on the repair certificate issued by authorized service agencies.

Hazardous Substances and their Content in Products:

Hazardous Substance

Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ether (PBDE)
Printed Circuit Board Assemblies(PCBA)	X	○	○	○	○	○
Unit and Attachments	X	○	○	○	○	○

"X" indicates that the toxic substance's content in all homogeneous materials of the component is below the limit requirements specified in GB/T26572.
"X" indicates that the hazardous substance's content in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T26572. Components marked "X" cannot achieve the substitution of hazardous substances due to limitations in global technological development levels.
Printed Circuit Board Components": This includes printed circuit boards, electronic components, etc.
Depending on the product model, the product you purchased may not contain all the above components.

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Spread your happiness!

Shenzhen Super-Nature Multimedia Co.,Ltd
Service Hotline: +86 400-090-0689
Address: 22nd Floor, Block A, Building B, International Innovation Valley, Nanshan District, Shenzhen City

森然

专注直播设备

ST60 PRO直播声卡

产品说明书

敬告

感谢您购买和使用森然品牌产品。为了您能够全面的了解产品，在使用前请仔细阅读本产品说明书及保修卡。

关于本说明书
说明书版权属于深圳市超级自然多媒体有限公司所有
说明书提及的商标、字号等属于他们各自的权利所有者
说明书内容如同实际产品不一致，以实际产品为准

森然已经对本说明书进行了严格的仔细的校对核对，但我们不能保证本说明书完全没有任何错误和纰漏，如果您对说明书的任何内容或条款有存在不明或异议，请您在产品使用过程中，遇到任何问题，请拨打电话 400-090-3609。

致谢！

深圳市超级自然多媒体有限公司

产品介绍

森然 ST60 Pro 直播声卡是一款集成人声效果器、专业声卡、现场特效、耳放、蓝牙伴奏五大功能于一身的专业级调音声卡，内置 5000mAh 聚合物锂电池，超长续航，支持21种应用特效、12种场景音效，支持一键内放、消原音、一键降噪、闪避4种模式开关，联网、K歌、唱歌、闪避、结婚宴、男变女、女变男、电音、电话音线灭下可调特殊K歌、城堡、听混音平衡调音，带有控制面板，众多音效与特效特点定义下载，桌面式的设计，彰表的颜值。

产品特点

- 集成人声效果器、专业声卡、现场特效
- 支持蓝牙伴奏
- 5000mAh的聚合物锂电池，超长续航
- 支持21种应用特效、12种场景音效
- 支持一键内放、消原音、一键降噪、闪避4种模式开关
- 联网、K歌、唱歌、闪避、结婚宴、男变女、女变男、电音、电话音线灭下可调特殊K歌、城堡、听混音平衡调音
- 带有控制面板，众多音效与特效特点定义下载
- 桌面式的设计，彰表的颜值
- 内置48V接口
- 支持乐器使用
- 精雕细琢，中国工匠精神的诠释

包装清单

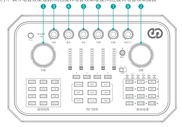
产品规格参数

产品重量：	845g	信噪比(D/A)：	103dB
产品尺寸：	240*152*58mm	动态范围(D/A)：	101dB
电池规格：		信噪比(A/D)：	100dB
电池类型：	聚合物锂电池	动态范围(A/D)：	98dB
电池容量：	5000mAh/3.7V	总谐波失真(D/A)：	-90dB
充电时间：	约5H	总谐波失真(A/D)：	-88dB
接口详情			
48V话筒（卡侬）	×1	乐器(3.5mm)	×1
5V话筒(3.5mm)	×1	伴奏(3.5mm)	×1
直播(3.5mm)	×1	电脑(Type-C)	×1
OTG(Type-C)	×1	充电(Type-C)	×1
耳机(3.5mm)	×1	耳机(6.35mm)	×1

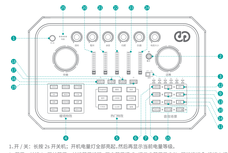
声卡功能说明

功能按键：

1.音量：控制伴奏音量，向右旋转音量增大，向左旋转音量减小
2.话筒：控制话筒音量，向右旋转音量增大，向左旋转音量减小
3.混响：调节混响强度，向右旋转混响效果增强，向左旋转混响效果减弱，连上控制面板后，此按钮不可用
4.监听：控制耳机监听音量，向右旋转音量增大，向左旋转音量减小
5.录音：控制录音音量，向右旋转音量增大，向左旋转音量减小
6.均衡：调节均衡强度，向右旋转均衡效果增强，向左旋转均衡效果减弱，连上控制面板后，此按钮不可用
7.乐器：控制乐器音量，向右旋转音量增大，向左旋转音量减小
8.电音大小：调节电音效果强弱，向右旋转电音效果增强，向左旋转电音效果减弱



功能按键及其指示



1.开/关：长按 2s 开关机；开机电量灯会依次闪亮，然后再显示当前电量等级。
2.蓝牙：长按 2s 开关蓝牙；长按蓝牙按键，开启蓝牙模式，提示“蓝牙已启动，等待连接”，连接上提示“蓝牙已连接”，可以播放伴奏音乐；长按蓝牙按键，关闭蓝牙功能，并今后手机连接状态下，手机将不再会接到蓝牙，提示“蓝牙已断开”，当按键关闭时，提示“蓝牙已关闭”，提示“蓝牙已关闭”时声卡自动关闭蓝牙功能像注：伴奏手机可以单卡连接蓝牙，实现无线播放伴奏音乐，如换一台伴奏手机，需关闭新一台伴奏手机与该声卡连接的蓝牙，再次与老的伴奏手机连接该声卡的蓝牙，实现无线播放伴奏音乐。
3.48V 开关：拨到 “OFF”48V 麦克风不可用，拨到 “ON”48V 麦克风可用

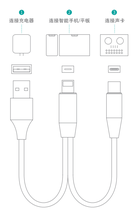
功能按键及其指示

4.魔音特效：点来注，欢迎大家，来了老铁，666，闪过拉，打他，胜利，打的不错，教你，自定义 1，自定义 2，自定义 3
5.热门特效：非诚勿扰，耶耶，吃饭，望声，火烧屁，打耳光，么么哒，马赛
6.一键内放：按下此功能按键，对应指示灯亮，此时电脑伴奏可被录入，再次按下此键，指示灯熄灭，此时电脑伴奏不可被录入
7.一键降噪：按下此功能按键，对应指示灯亮，可降低环境噪声的输入
8.闪避录干：按下此功能按键，对应指示灯亮，此时耳机监听到的是经过处理的人声，实际录到的是未加任何特效的原声
9.电音：按下此功能按键，对应指示灯亮，进入电音模式，默认 C 大调，再次按下此键后会切换音调
10.人声：按下此功能按键，对应指示灯亮，进入不改变音调的模仿音效
11.消原音：按下此功能按键，对应指示灯亮，此时可消除输入音乐的人声，保留伴奏
12.聊天：按下此功能按键，对应指示灯亮，此时为原声音效，适用于直播聊天场景
13.城堡：按下此功能按键，对应指示灯亮，此时为城堡音效
14.闪避：按下此功能按键，对应指示灯亮，此时为闪避音效，当伴奏声音出现，此时自定义音效按键不可用，松开按键，开启延迟模式，提示“延迟已启动，等待连接”，连接上提示“延迟已连接”，可以播放伴奏音乐；长按延迟按键，关闭延迟功能，并今后手机连接状态下，手机将不再会接到延迟，提示“延迟已断开”，当按键关闭时，提示“延迟已关闭”，提示“延迟已关闭”时声卡自动关闭延迟功能像注：伴奏手机可以单卡连接延迟，实现无线播放伴奏音乐，如换一台伴奏手机，需关闭新一台伴奏手机与该声卡连接的延迟，再次与老的伴奏手机连接该声卡的延迟，实现无线播放伴奏音乐。
15.男变女：按下此功能按键，对应指示灯亮，此时为男声音效，适用于直播的聊天场景当音
16.女变男：按下此功能按键，对应指示灯亮，此时为女声音效，适用于直播的聊天场景当音
17.女音男：按下此功能按键，对应指示灯亮，此时为女声音效，适用于直播的聊天场景当音
18.电话音：按下此功能按键，对应指示灯亮，此时为电话音音效，适用于直播的聊天场景当音
19.娃娃音：按下此功能按键，对应指示灯亮，此时为娃娃音音效，适用于直播的聊天场景当音
20.伴奏灯条：显示伴奏音量大小
21.混响灯条：显示混响效果强弱
22.监听灯条：显示监听音量大小
23.录音灯条：显示录音音量大小
24.话筒灯条：显示话筒音量大小
25.电量显示：一格 0%~25%；两格 25%~50%；三格 50%~75%；四格 75%~100% 充电状态下电量灯从当前电量开始循环逐个亮灯，充满保持全部灯常亮。

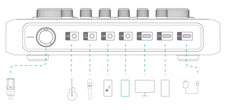
功能接口说明

1.48V 话筒：当使用 48V 麦克风时，插入此接口，同时需将 48V 开关拨到 “ON”；
2.乐器：支持吉他等乐器使用；
3.5V 话筒：支持 5V 电容麦克风话筒麦输入；
4.伴奏：通过 3.5mm 音频线连接伴奏设备进行伴奏；
5.直播：通过 3.5mm 音频线连接直播进行手机直播；
6.电脑：可通过 Type-C 数据线电线连接电脑进行电脑直播；
7.OTG：可通过安装提供的数字直播线进行安卓手机/苹果手机数字直播；
8.充电：通过 Type-C 数据线电线对声卡进行充电；
9.耳机：连接 3.5mm 和 6.35mm 插头耳机；

电线接口说明

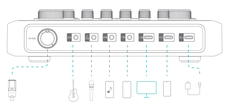


手机直播介绍



1.长按电源开关2s开机；
2.连接直播手机；
1)使用本机配备的3.5mm音频线将产品“直播”接口连接到直播手机的耳机口；
2)使用本机配备的数字直播线将产品“直播”接口连接到直播手机的充电口，同时可实现边直播边 给直播手机充电；
3.使用本机配备的3.5mm音频线将产品“伴奏”接口连接伴奏手机的耳机口，或者长按本机的“蓝牙”键2s打开设备蓝牙，伴奏手机搜索蓝牙“森然ST60 Pro”进行连接配对；
4.将耳机连接至“耳机”接口进行监听；
5.将麦克风连接至“5V话筒”或者“48V话筒”接口(连接48V电容麦时，先连接麦克风，再打开48V开关)；
6.根据用户需求在声卡上设置不同的直播场景；
7.打开伴奏手机，选择合适的伴奏，同时调试“话筒音量”和“伴奏音量”使话筒和伴奏的音量搭配合适；
8.打开直播手机的直播APP，即可开启炫酷的手机直播体验。

电脑直播介绍



1.长按电源开关 2s 开机；
2.使用 USB 线将设备与电脑连接；
3.电脑自动识别到 “ST60 Pro” 音频驱动；
4.右键点击电脑右下方小喇叭，点击 “ 播放设备（P）”，将 “ST60 Pro” 设为默认播放设备，同理将 “ST60 Pro” 设置为默认录制设备；
5.将耳机连接至 “耳机 ” 接口进行监听；
6.将麦克风连接至 “5V话筒” 或者 “48V话筒” 接口；
7.打开电脑调控制面板，根据用户需求设置直播场景；
8. 使用电脑播放音选伴奏(或者使用伴奏手机进行伴奏)，同时调试 “ 话筒音量 ” 和 “ 伴奏音量 ” 使话筒和伴奏的音量搭配合适；
10.打开电脑直播软件，即可开启炫酷的手机直播体验。

常见故障排除

【1】设备开启后指示灯不亮
1)确定设备是否有足够电量，可尝试对设备进行充电后再试。
【2】使用耳机时有噪音或杂声音
1)请确认耳机是否插好，再用耳机再次插拔使用。
【3】直播时听到噪音
1)检查耳机和麦克风是否插入完全。
【4】播放音乐无声音
1)检查设备是否与手机连接成功；
2)检查耳机是否正确连接设备端口；
3)检查手机是否已正常放音，可以先退出再重新打开播放软件，看其是否恢复正常；
4)检查设备的监听音量是否调到最小，此时可调节设备的监听音量看其是否恢复正常；
5)检查手机音量是否调到最小，此时可调节手机音量看其是否恢复正常。
【5】无法监听到话筒的声音
1)检查话筒是否正确连接设备端口；
2)检查话筒音量或监听音量是否调小，此时可以调节相应音量看其是否恢复正常。
【6】话筒输入的声音无混响效果或K歌软件录制的声音无混响效果
1)检查设备是否调至合适的场景模式(原声模式下，话筒输入无混响效果)；
2)直接试无线音频连接线插入手机的耳机端口，然后再将另一头插入到设备的直播接口。
【7】K歌时无法录制话筒的声音
1)检查设备是否正确连接连线方式；
2)检查设备APP是否打开，是否有连接耳机线。
【8】在电脑端直播时，群聊或者直播软件里，观众听不到电脑伴奏的音乐
1)检查群聊软件或者直播软件的“一键内放”按键是否打开。

注意事项

警告

⚠ 此产品属于电池产品，产禁暴露在诸如日照、火烤等类似温度过高或过低（45°C以上或0°C以下）环境中。
⚠ 产禁浸泡水、雨淋、湿度过高环境中，请不要将旧电池扔进生活垃圾，并按当地要求处理本设备及废旧电池。
⚠ 请勿拆产品拆机、改装、撞击、挤压或投入火中，以免发生爆炸，若电池出现严重鼓胀，请勿继续使用。
⚠ 除非使用手册里另有说明，否则用户不得自行拆出或者更换产品的电池，进行此类操作存在危险，可能会导致起火或功能损坏本产品。

注意事项

注意

- 产品使用时请配好原装的音频线和充电线，不使用时，请关闭电源并存放在干燥通风的地方；
- 请注意孩子玩耍，成人应监督其操作为，直到他有能力遵循必要的安全指示操作本设备；
- 请勿过度用力操作机器，避免造成产品故障或损害，当连接或重新移动各种连线时，请拿取连接头，切勿拉扯连接线，避免导致短路或造成连接线无线路本身；
- 若使用电源适配器充电时，应满足相应安全标准要求的电源适配器或使用获得 CCC 认证的电源适配器；
- 给产品充电前，请注意电源适配器的电压和电流是否在额定范围内，定期给产品充电，避免电压过放，当电池电量充满时请停止对电池充电，避免电池过充；

保修说明

森然售后服务严格依据《中华人民共和国消费者权益保护法》、《中华人民共和国产品质量法》实行售后三包服务，服务内容如下：

保修条例

1.自您签收之日起7日内，经售后服务中心检测鉴定后，可享免费退换货质量保证；
2.自您签收之日起3-15日内，经售后服务中心检测确定后，可享免费保证或维修服务；
3.自您签收之日起12个月内，经售后服务中心检测确定后，可享免费维修服务；

保修内容

序号	产品类型	免费保修时长
1	声卡类	1 年
2	麦克风类	1 年
3	耳机类	1 年
4	音箱类	1 年
5	线材类	3 个月

* 产品的质保保修期因所选规定的不同均有差异，详情请参照此条款。

特别声明

说明书中的产品、配件、用户界面等插图均为示意图，仅供参考。由于产品的更新和升级，产品实物与示意图略有差异，请以实物为准。

非保修条例

1.不能出示原产品有效的保修凭证和购买凭证，产品超出所规定的保修期限；
2.未经产品使用说明书指导用户产品的故障或损坏；
3.未经许可擅自拆装或非我司官方授权服务机构及其人员维修、拆卸、添加更换元器件等；
4.产品因不可抗力或意外因素，如雷击、挤压或投入火中，以免发生爆炸，若电池出现严重鼓胀，请勿继续使用；
5.意外因素或人为导致产品损坏，如摔入不合适电压、高温、进水、机械破坏、摔坏、产品发出以及外力，自然因素不可抗力引发的产品性能故障与损坏；
6.运输过程中导致产品损坏的损坏，最终或间接的导致软件的故障；
7.擅自改动本设备固有设置文件或病毒破坏导致产品故障；
8.出示证明为了使用产品保修的价值，不具备其他法律效应，凭证涂改无效，维修记录以授权服务机构维修凭证为准。

产品中有毒有害物质或元素的名称及含量

有害物质

部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板组件	X	○	○	○	○	○
外壳及附件	X	○	○	○	○	○

本表格依据SJ/T11364的规定编制。
○：表示该有毒物质在该部件所有均质材料中的含量在 GB/T26572 规定的限量要求以下。
X：表示该有毒物质至少在该部件的某一均质材料中的含量超出 GB/T26572 规定的限量要求，表中标记“X”的部件，按现在技术条件等限制无法实现有毒物质的替代，但那些随机组件＊，包括印刷电路板及其零部件，电子元器件等根据产品型号不同，您所购买的产品可能不会有标记上所有部件。

10

传递你的快乐！

深圳市超级自然多媒体有限公司
服务热线:400-090-0689
地 址:深圳市南山区国际创新谷8栋A座22层

技术要求：
1.印刷油墨均匀，字体清晰；
2.装订后边缘必须对齐、不得有刮花，破损等现象；
3.公差 ±0.5mm；
创成微包装检测标准：CCW-WI-201806008

材质 128g铜版纸

尺寸 110*105mm（折后）