

Synido

USER MANUAL

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Live 100 MK2 **Audio Interface**

CONTENTS 目录

P1 / OVERVIEW

P4 / HARDWARE FEATURES

P8 / APPLICATION SCENARIOS

P11 / PC CONTROL PANEL

P14 / SERVICE & SUPPORT

P15 / SERVICE & SUPPORT

P16 / RAM FORM

P17 / 产品概述

P19 / 硬件说明

P23 / 应用场景

P26 / PC控制面板

P29 / 服务与支持

1. OVERVIEW

1.1. Product Introduction

Synido Live 100 is a portable, one-stop podcasting studio equipment with DJ mixer, audio interface and mixer. It is mainly used for live streaming, PC, recording and gaming. It is equipped with a built-in high performance digital DSP chip, rich adjustment control knobs, and a computer control panel for fine control of sound details.

1.2. Product Registration

Go to Synido.com/support/product-registration or scan the QR code to activate your Synido warranty now! ➡

Make sure to have your basic purchase information with you (Date, Order Number, and Vendor).



Synido offers a full 1-year warranty upon sign-up. Make sure to sign up within 90 days of purchase.

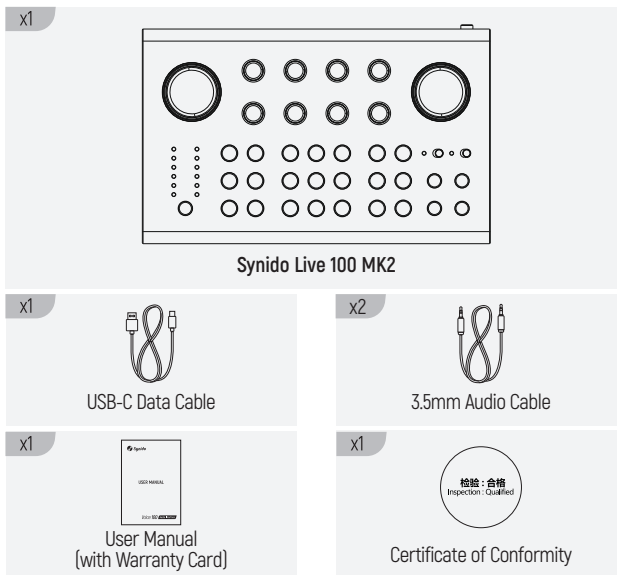
1.3. Features

- ✦ Drive-free design, plug and play
- ✦ Metal case, noise shielding
- ✦ DSP chip, digital reverbs
- ✦ 48V power supply, professional recording
- ✦ One-key reverberation, one-key sound change
- ✦ One-key dodge, one-key noise reduction
- ✦ One-key electronic sound, one-key mute
- ✦ One-key accompaniment, Bluetooth 5.0
- ✦ Rich interface, multi-player performance
- ✦ Control panel, simple and practical
- ✦ Simultaneous live broadcasting with three mobile phones
- ✦ 9 commonly customizable BGM sound effects
- ✦ Built-in Lithium battery

1.4. Specifications

Product Model: Live 100	Size: 255*216*62mm
Weight: 1050g	Sample Rate: 16bit/44.1KHz
Channel: 2In/20out	Dynamic Range: 105dB
SNR: ≥96dB(Record), ≥105dB(music)	
THD+N: ≤0.1%(Record), ≤0.005%(music)	
Maximum Output Power: 125mW, 32 Ω Earphone	

1.5. Box Content



1.6. Precautions

1. Avoid strong collisions and do not drop the device.
2. The device will be corroded by liquids causing malfunctions, short circuits, or incorrect operation. Please use a soft dry cloth to wipe the liquid spilled on the device.
3. Do not expose the device to the sun, or place it in extreme environments such as high temperature and bad ventilation. Overheating may cause the device to malfunction.
4. When the product is not in use, please turn off the power and store it in a dry and ventilated place.
5. Please use the original audio cable and data cable of the product.
6. When connecting or removing various cables, please take the connectors and do not pull the cables to avoid short circuits or damage to the device.
7. Do not disassemble or modify without authorization, and any product function and safety issues arising therefrom shall be borne by the customer.
8. Under normal conditions of use, the body will generate slight heat, which is normal.

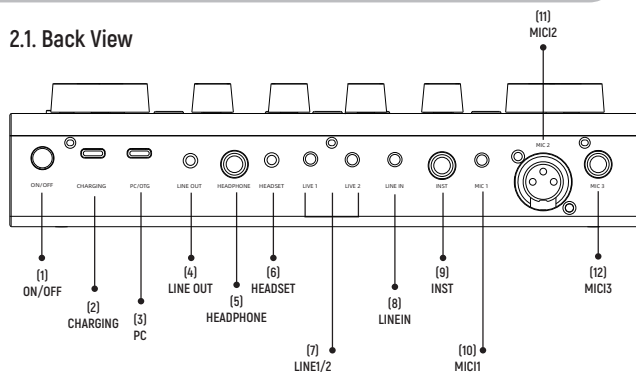
Attention: Please do not connect a 5V power microphone to the 48V power microphone port. There is a risk of damaging the microphone.

1.7. Customer Support

For more FAQs, visit Support Center: [Synido.com/support](https://synido.com/support)
or scan the QR code 
or email us through cs@synido.com
WE WILL RESPOND WITHIN 24 HOURS.

2.HARDWARE FEATURES

2.1. Back View



(1) ON/OFF: Main power switch.

(2) CHARGING: 5V 2A

(3) PC: USB Type-C cable interface, supporting connection with computer/ phone.

(4) LINE OUT: 3.5mm speaker interface, supporting connection with external passive speaker/speaker power amplifier.

(5) HEADPHONE: 6.35mm headphone jack, supporting connection with monitor headphones.

(6) HEADSET: 3.5mm headset interface, supporting connection with headset/ in-ear headset or monitor headphones.

(7) LINE1/2: 3.5mm live broadcasting interface, supporting connection with an external mobile phone/tablet for live broadcasting

(8) LINE IN: 3.5mm accompaniment interface, supporting external accompaniment sound source, and mobile accompaniment input.

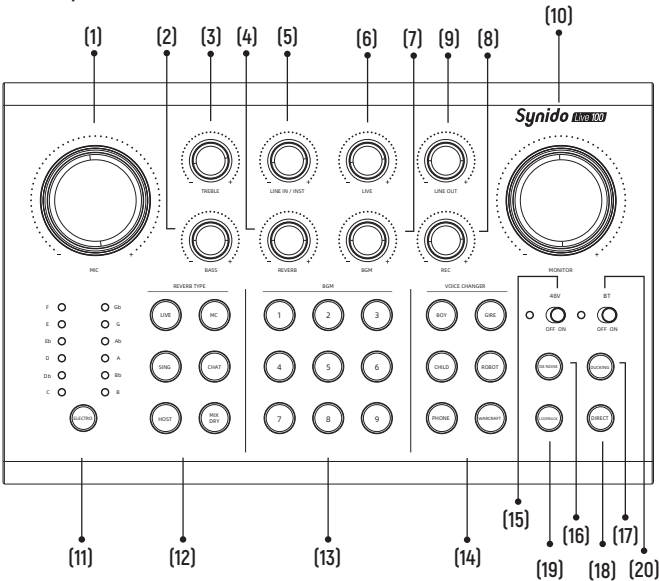
(9) INST: 6.35mm musical instrument interface, supporting musical instrument input such as electric guitar and electronic keyboard.

(10) MIC1: MIC1: 3.5mm microphone interface, supporting connection with an electret condenser microphone.

(11) MIC2: XLR microphone interface, supporting connection with 48V large-diaphragm condenser microphone.

(12) MIC3: 6.35mm microphone interface, supporting connection with dynamic microphone.

2.2. Top View



(1) MIC VOL: Local microphone volume adjustment.

(2) BASS: Microphone low frequency compensation adjustment.

(3) TREBLE: Microphone high frequency compensation adjustment.

(4) REVERB: intensity adjustment.

(5) LINE IN/INST: Line input, instrument input volume adjustment.

(6) LIVE VOL: Live streaming and 2 customized BGM sound effects volume adjustments.

(7) BGM VOL: 9 kinds of BGM warm-up sound effect volume adjustment.

[8] **REC VOL:** Volume adjustment for USB-C recording to computer.

[9] **LINE OUT VOL:** Volume adjustment to Speakers..

[10] **MONITOR:** Local Monitor volume adjustment.

[11] **ELECTRO:** Turn on and off the electronic sound, short press to switch 12 electronic sound keys selection.

[12] **REVERB TYPE:** Reverberation selection: LIVE/MC/SING/CHAT/HOST/MIX DRY.

[13] **BGM:** 9 kinds of customized effects. Long press the CUSTOMIZE button, you can define the BGM with the microphone recording audio. The ELECTRO lights synchronously display the recording time, and the maximum duration is 15 seconds. Release button, recording complete.

[14] **VOICE CHANGER:** When the button light is on, the VOICE CHANGER takes effect: BOY/GIRL/CHILD/WARCRAFT/ROBOT/phone.

[15] **48V:** The orange indicator lighting up indicates the 48V phantom power being engaged.

[16] **DE NOISE:** Short press the button to switch the level of denoise. 3 levels to set the denoise. It will indicate blue, green, and red light separately from the first level to the third level.

[17] **DUCKING:** When the button light is on, the computer or other input accompaniment gives way for the microphone to pick up the sound, and the microphone sound is emphasized. When the microphone is not picking up the sound, the accompaniment will continue to play.

[18] **DIRECT:** Real-time monitoring.

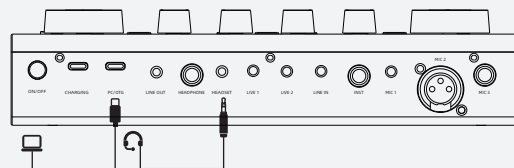
[19] **LOOP BACK:** Mix the audio played by the computer with the volume input from the microphone/instrument of the sound card and output it to the computer.

[20] **BT:** If the orange indicator light is steady on, it means that the Bluetooth is connected. If it is flashing, it means that the Bluetooth is not connected. If it is off, it means that the Bluetooth is turned off.

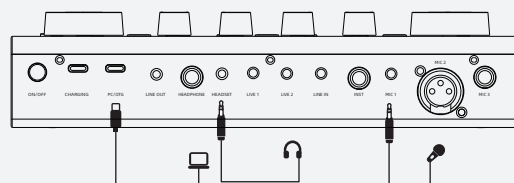
3. APPLICATION SCENARIOS

3.1. Single Or Multi-person Computer Karaoke/Live Broadcast

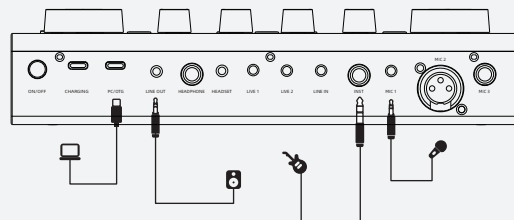
[1] HEADSET + COMPUTER



[2] MICROPHONE + HEADPHONE + COMPUTER



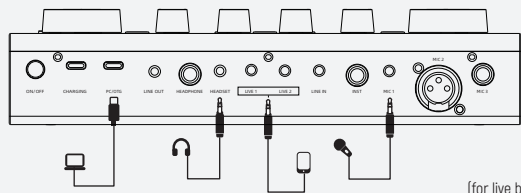
[3] MICROPHONE + COMPUTER + SPEAKER + MUSICAL INSTRUMENT



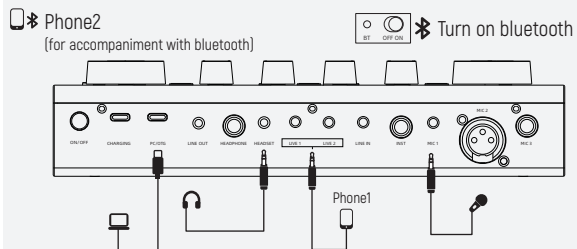
** Synido Live 100 can be compatible with all kinds of microphones thanks to three different types of microphone interfaces, supporting a connection with 4 microphones simultaneously.

3.2. Live Broadcast Through Mobile Phone

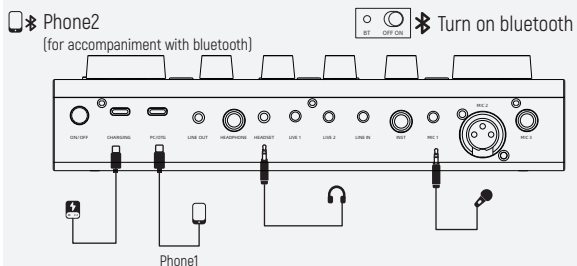
(1) MICROPHONE + HEADPHONE + COMPUTER + MOBILE PHONE



(2) MICROPHONE + HEADPHONE + COMPUTER + PHONE1 + PHONE2

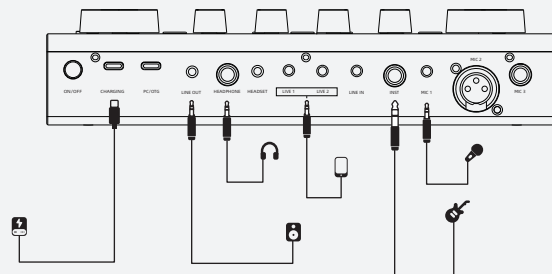


(3) MICROPHONE + HEADPHONE + USB POWER DELIVERY + PHONE1 + PHONE2



3.3. Solo Stage Performance

MICROPHONE + HEADPHONE + USB POWER DELIVERY + SPEAKER + MOBILE PHONE + MUSICAL INSTRUMENT



4. PC CONTROL PANEL

4.1. PC Control Panel

Synido Live 100 PC Control Panel can be downloaded on:

www.synido.com/support/downloads

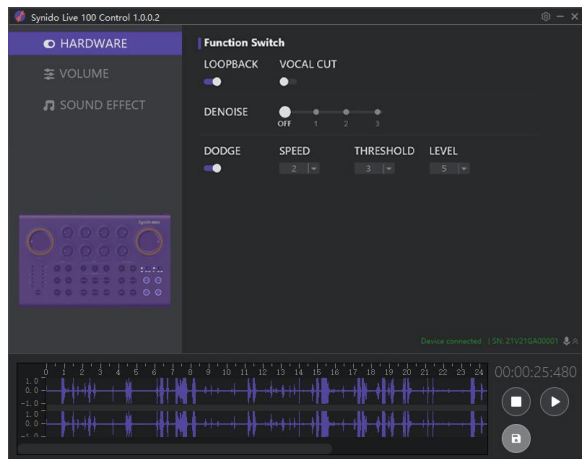
This application will let you manage all the special functions that are not directly accessible on the Synido Live 100 device.

These include:

- ✦ Play and save the recording or settings
- ✦ Accurately enter the number to set the volume
- ✦ Setting dodge speed/threshold/level
- ✦ Setting denoise level
- ✦ Setting the vocal cut level

The software is compatible with Windows 7+ and Mac OSX 10.8+.

In order to use the software, you must connect the Synido Live 100.



4.2. Download and Installation Of Mac Software

STEP 1: SOFTWARE DOWNLOAD

Please go to the official website to download the installation program:

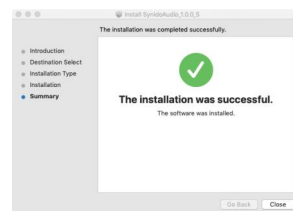
www.synido.com/support/downloads

STEP 2: SOUND CARD CONNECTION

Connect the PC interface to the computer using the USB-C cable included in the package.

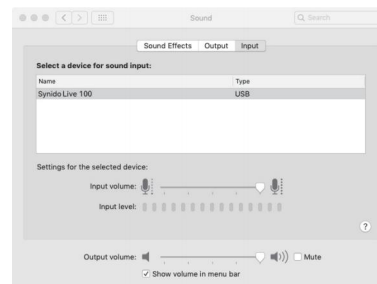
STEP 3: SOFTWARE INSTALLATION

Double-click the downloaded driver and follow the instructions to install it.



STEP 4: SYSTEM SETTINGS

After confirming that Synido Live 100 has been recognized by the computer, go to SYSTEM PREFERENCES → SOUND → OUTPUT/INPUT, find the audio device list in the above position, and select Synido Live 100 as your input and output device.



4.3. Download and Installation of Windows software

STEP 1: SOFTWARE DOWNLOAD

Please go to the official website to download the installation program:

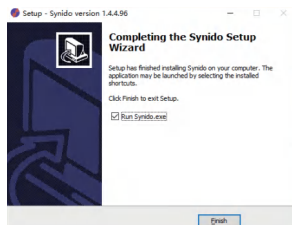
www.synido.com/support/downloads

STEP 2: SOUND CARD CONNECTION

Connect the PC interface to the computer using the USB-C cable included in the package.

STEP 3: SOFTWARE INSTALLATION

Double-click the downloaded driver and follow the instructions to install it.



STEP 4: SYSTEM SETTINGS

After confirming that the device has been recognized by the computer, right-click the speaker in the system tray, open the SOUND SETTINGS, find the audio device list, and select Synido Live 100 as your input and output device. Sound

Output

Choose your output device

Speakers (Synido Live 100)

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

[Device properties](#)

Volume

53

[Troubleshoot](#)

[Manage sound devices](#)

Input

Choose your input device

Microphone (Synido Live 100)

Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.

[Device properties](#)

Test your microphone

5. SERVICE & SUPPORT

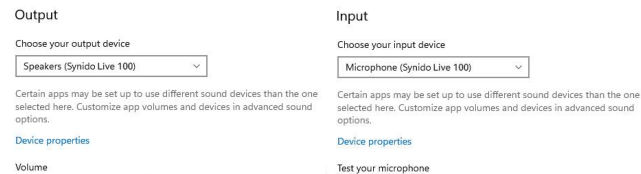
5.1. FAQ

Q: Why the indicator does not light up after the device connects to the computer?

A: Please check if the USB port of the device is properly plugged in.

Q: Why is there no sound when playing music on the computer?

A: ① Check if the computer audio input and output device equipped with this device;



- ② Check if the headphone connection to the corresponding jack of the sound card;
- ③ Check if the headphone is fully inserted into the jack;
- ④ Check if the headphone volume is at the minimum.

Q: Why is there no sound from the microphone?

- A: ① Check the working mode of the sound card, the microphone is silent in the music mode;
- ② Check if the microphone volume knob adjusts to the minimum;
 - ③ Check if the monitor volume knob adjust to the minimum;
 - ④ Check if the 48V power supply switch of the large-diaphragm microphone is turned on.

Q: Why is there no sound in the live broadcast on the mobile phone, but the mobile audio is played out?

- A: ① Check if the connecting cable corresponds to the sound card function interface;
- ② Check if the mobile phone recognizes the audio device;
 - ③ Re-plug the cable corresponding to the mobile phone live broadcast.

6. RETURNS & WARRANTY

Synido One-Year Limited Warranty Policy

All warrantees begin from the date the product is purchased. If a product and accessories develops a fault during the warranty and the fault are due to a quality issue rather than your own breakage or misuse then Synido will repair, replace or refund your product at its own discretion. Defective items MUST BE reported and returned to us within the warranty period (and in the original packaging, if possible). You must tell us what the defect is provided with pictures and videos. Shipping charges may apply, depending on the location. Synido does not warrant against normal wear and tear, nor damage caused by accident or abuse. To fix such issue will be charged extra service fee. Synido assumes no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of this product. You should afford the shipping fee of returning product to us, and we offer free shipping of your replacement or exchange product.

After One-Year Warranty

For post warranty repair, the procedure is the same as outlined in One-Year Limited Warranty. However, you are responsible for shipping charges both ways and the current price of part(s) used in the repair.

Return Instructions

Cut out the RMA FORM on Page 16 and include the completed RMA Form in your package, along with the item(s) to begin the return process. We recommend selecting a trackable shipping method and insuring the package. Return shipping costs are the responsibility of the customer.

Please do not return any hardware back to Synido without a valid and authorized Return Material Authorization (RMA) number.

In the instance of Synido giveaways, gift, contest, and promotional items, the products cannot be returned for cash value or store credit.



RETURN MATERIAL AUTHORIZATION (RMA) FORM

Please use the form below for returns and complete all of the sections so we can promptly process your return. Contact Synido Technical Support cs@synido.com to request an RMA number.

Order Number & Purchase Date:

Store of Purchase:

Product Name & Model Number :

Product Serial Number:

Customer Ship-to Address:

Contact Name:

Contact Phone, Fax, and E-mail:

Problem Description:

RMA:

P.S. Please also mark RMA number in the outside shipping carton.

1. 产品概述

1.1. 产品介绍

Synido Live 100是一款DJ混音器、音频接口、调音台、便携一站式播客工作室设备。主要应用于直播、PC、录音和游戏。

内置高性能数字DSP芯片，具有丰富调节控制旋钮，配备电脑控制面板，精细控制声音细节。

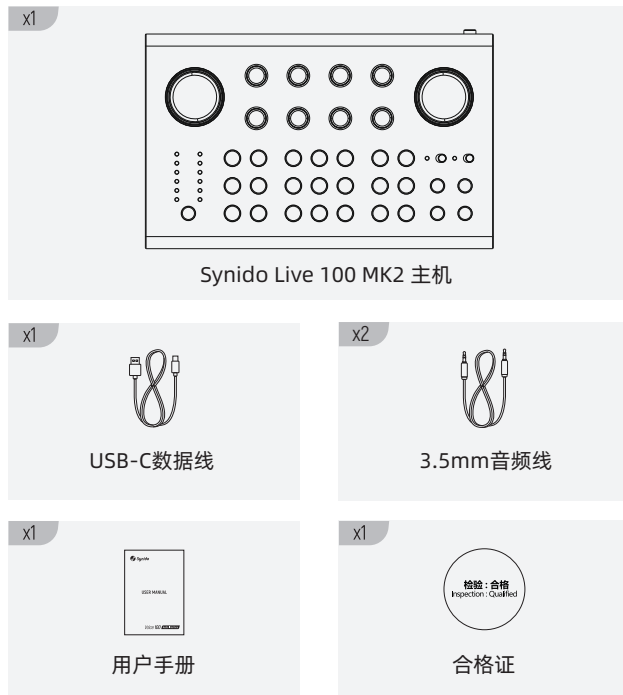
1.2. 功能特点

- + 免驱设计 即插即用
- + DSP芯片 数字混响
- + 一键混响 一键变声
- + 一键电音 12基调
- + 接口丰富 多人演奏
- + 支持三台手机同步直播
- + 九种可自定义BGM音效
- + 金属机身 屏蔽杂音
- + 48V供电 专业录音
- + 一键闪避 一键降噪
- + 一键伴奏 蓝牙5.0
- + 操控面板 简单实用
- + 内置大容量锂电池

1.3. 规格参数

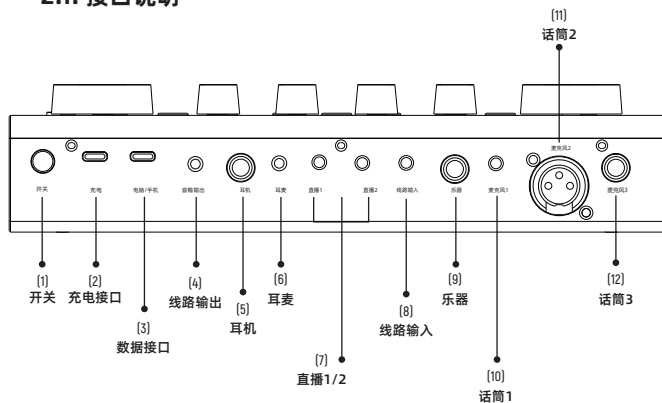
产品型号: Live 100	产品尺寸: 255*216*62mm
产品净重: 1050g	采样率: 16bit/44.1KHz
通道: 2In/20ut	动态范围: 105dB
信噪比: $\geq 96\text{dB}$ (录音), $\geq 105\text{dB}$ (音乐)	
失真度: $\leq 0.1\%$ (录音), $\leq 0.005\%$ (音乐)	
最大输出功率: 125mW, 32 Ω 耳机	

1.4. 包装清单



2. 硬件说明

2.1. 接口说明



(1) **电源开关**：电源总开关。

(2) **充电接口**：5V 2A。

(3) **数据接口**：USB Type-C数据线接口, 连接电脑/手机。

(4) **线路输出**：3.5mm音箱接口, 可连接外部无源音箱/音箱功率放大器。

(5) **耳机**：耳机接口, 连接6.35mm大三芯监听耳机。

(6) **耳麦**：3.5mm耳麦接口, 连接头戴式/入耳式耳麦或监听耳机。

(7) **直播1/2**：直播接口, 连接手机/平板3.5mm耳机接口进行直播。

(8) **线路输入**：3.5mm伴奏接口, 支持外部伴奏音源输入, 如: 手机/MP3等。

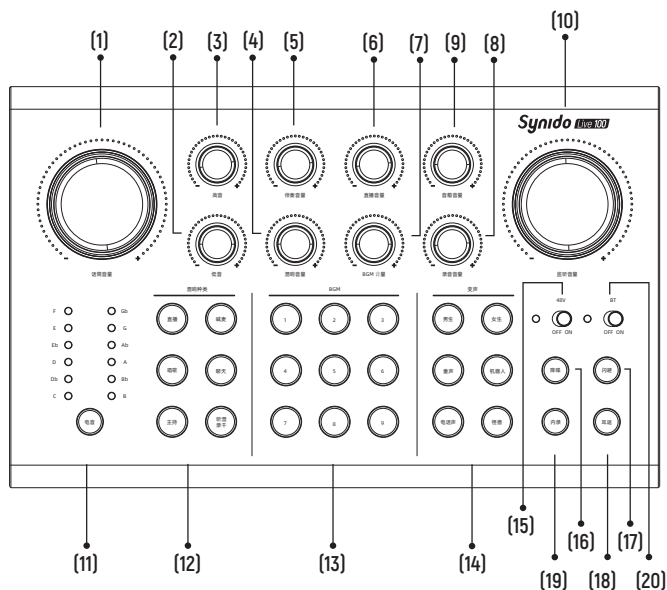
(9) **乐器**：6.35mm乐器接口, 支持电吉他、电子琴等乐器输入。

(10) **话筒1**：3.5mm麦克风接口, 连接驻极体电容麦克风。

(11) **话筒2**：XLR麦克风接口, 连接48V供电大振膜电容麦克风。

(12) **话筒3**：麦克风接口, 连接6.35mm大三芯动圈麦克风。

2.3. 面板说明



[1] **话筒音量**: 本地话筒音量大小调节。

[2] **话筒低音**: 话筒低音补偿调节。

[3] **话筒高音**: 话筒高音补偿调节。

[4] **混响强度**: 混响大小调节。

[5] **伴奏音量**: 线路输入/乐器输入音量调节。

[6] **直播音量**: 2个3.5mm直播接口音量调节。

[7] **BGM音量**: BGM暖场音效音量调节。

[9] **音箱音量**: 音箱音量大小调节。

[8] **录音音量**: USB-C录音到电脑音量大小调节。

[10] **监听音量**: 本地监听音量大小调节。

[11] **电音开关**: 电音开启与关闭, 短按切换选择12电音基调。

[12] **混响种类**: 混响种类选择: 直播/喊麦/唱歌/聊天/主持/听湿录干。

[13] **暖场音效**: 自定义效果1-9号: 长按自定义按键, 可麦克风录制音频或伴奏录音定义BGM效果, 电音LED灯光同步显示松开录音完成, 最长15秒。

[14] **变声**: 指示灯亮时变声生效, 男声/女声/童声/魔兽/机器人/电话音。

[15] **幻像供电开关**: 橙色指示灯亮, 48V幻像供电, XLR麦克风正常使用。

[16] **降噪**: 可根据环境噪声大小选择不同降噪等级。

[17] **闪避**: 按键灯亮开启, 麦克风拾音时电脑或其他输入伴奏避让, 突出麦克风声音, 麦克风无拾音时, 伴奏恢复播放。

[18] **耳返**: 实时监听开关。

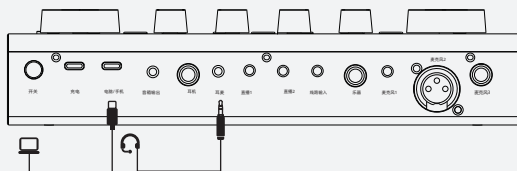
[19] **内放**: 将电脑播放的音频与声卡话筒/乐器等输入的音量混合后再输出到电脑。

[20] **蓝牙开关**: 橙色指示灯常亮, 说明蓝牙连接, 若闪烁则说明蓝牙未连接, 若熄灭则说明蓝牙已关机。

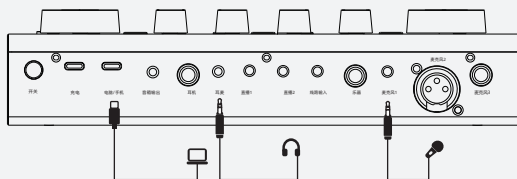
3. 应用场景

3.1. 单人或多人电脑K歌/直播使用方法

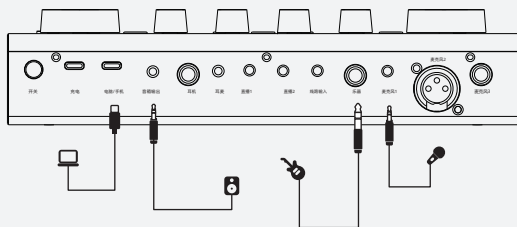
方法一：入门级使用



方法二：麦克风+耳机+电脑

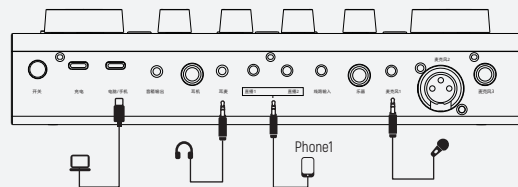


方法三：麦克风+电脑+音箱+乐器

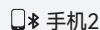


3.2. 手机直播使用方法

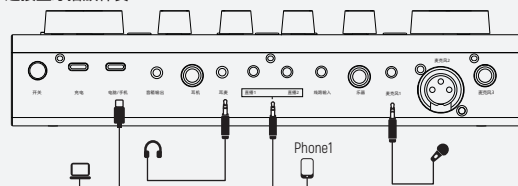
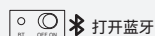
方法一：麦克风+耳机+电脑+手机



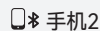
方法二：麦克风+耳机+电脑+手机1+手机2



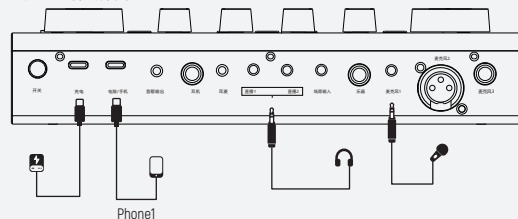
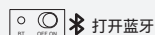
连接蓝牙播放伴奏



方法三：麦克风+耳机+USB电源+手机1+手机2

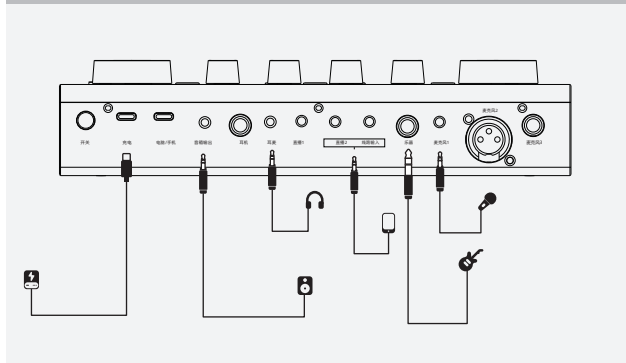


连接蓝牙播放伴奏



3.3. 个人舞台演奏使用方法

麦克风+耳机+USB电源+音箱+手机+乐器



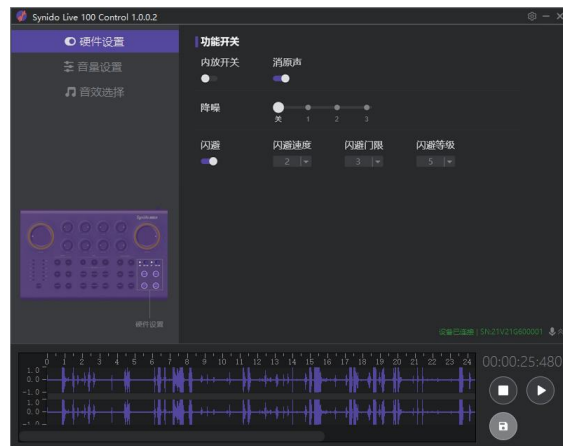
4. PC控制面板

4.1. PC控制面板

Live 100控制面板可在www.synido.cn/support/downloads上下载。安装该软件后可以使用和调节一些无法在Live 100硬件设备上使用的特殊功能，包括：

- + 便携式录音机
- + 精确输入数字设置音量
- + 设置闪避速度、门限、等级
- + 设置降噪等级
- + 设置消原声等级

该软件兼容Windows 7及以上版本和Mac OSX 10.8及以上版本。要使用软件，必须连接Live 100设备。



4.2. Mac系统下载与安装

第一步:软件下载

请前往官网下载软件:www.synido.cn/support/downloads

第二步:连接声卡

使用包装内随附的USB-C数据线连接设备到电脑

第三步:软件安装

双击下载好的软件,按照指示进行安装



第四步:系统设置

确认设备已被电脑识别到后,前往系统偏好设定→声音→输出/输入,找到音频设备列表,选择Live 100为你的输入输出设备



4.3. Windows系统下载与安装

第一步:软件下载

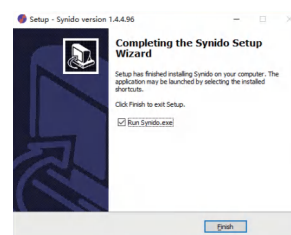
请前往官网下载软件:www.synido.cn/support/downloads

第二步:连接声卡

使用包装内随附的USB-C数据线连接设备到电脑

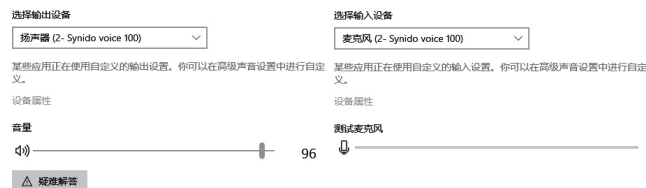
第三步:软件安装

双击下载好的软件,按照指示进行安装



第四步:系统设置

确认设备已被电脑识别到后,右键系统托盘中的扬声器,打开声音设置,找到音频设备列表,选择Live 100为你的输入输出设备



5. 服务与支持

5.1. 常见故障

Q: 设备连接电脑后指示灯不亮?

A: 请检查设备USB接口是否有插好。

Q: 电脑播放音乐无声?

A: ① 检查电脑音频输入输出设备是否设置本装置;

声音



- ② 检查耳机是否连接上声卡对应插孔;
- ③ 检查耳机是否完全插入插孔;
- ④ 检查耳机音量是否调节到最小无声音。

Q: 麦克风无声?

A: ① 检查声卡工作模式音乐模式下麦克风无声;
② 检查麦克风音量旋钮是否控制到最小;
③ 检查监听音量旋钮是否控制到最小;
④ 检查大振膜话筒检查48V供电开关是否打开。

Q: 手机端直播无声、手机音频外放?

A: ① 检查连接线材是否对应声卡功能接口;
② 请检查手机是否识别到音频设备;
③ 重新插拔手机直播对应线材。

5.2. 注意事项

1. 避免强烈碰撞, 禁止摔落装置。
2. 液体侵蚀设备会造成故障、短路或错误操作。请使用柔软的干布擦拭溅到设备上的液体。
3. 请勿将本机暴晒, 或放置于高热、通风不良等极端环境下。过热可能会导致本机故障。
4. 产品在不使用时, 请关闭电源存放在干燥通风处。
5. 请使用产品原装音频线和数据线。
6. 当连接或是移除各种连接线时, 请拿取连接头, 切勿拉扯连接导线, 以避免造成短路或伤害装置本身。
7. 不得擅自拆卸和改装, 由此产生的任何产品功能和安全问题由客户自身承担。
8. 正常使用状况下, 机体会产生轻微热量, 此为正常情况。

敬告: 请勿将5V供电麦克风风连接到48V供电麦克风接口上, 存在损坏麦克风风险。

5.3. 售后服务

若您有任何售后服务需求, 请微信扫描下方二维码, 联系官方客服:



Synido小助手

工作时间:

9:00-18:00 (周一至周五)

