

Mobile phone/computer mixer live broadcast sound card



user's guidance

Dear user:

Welcome to use our company's products. Before using this product for the first time, please be sure to read the random information in detail so that you can use this product better.

Our company has carefully checked the user guide of this product, but does not guarantee that the user guide is completely free of errors and omissions. The pictures in this user guide are for reference only. If some pictures do not match the actual display of the product, please refer to the actual product. Our company reserves the right to improve and modify the products and contents described in this user guide at any time without prior notice.

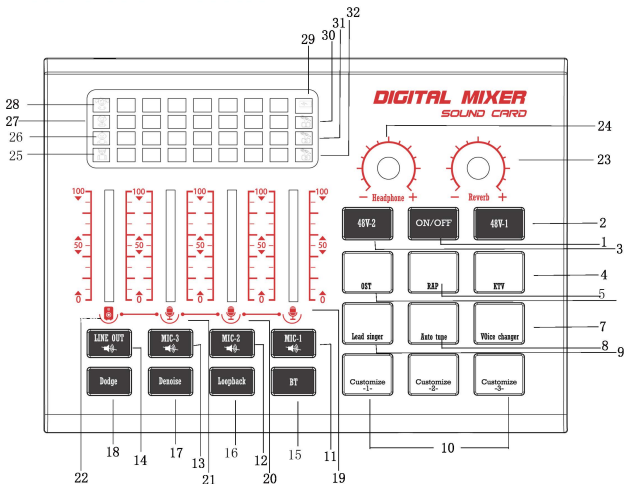
This user guide is a general user guide for a series of products. If the product model you purchased does not involve certain accessories or functions, please ignore some of the content. The final right of interpretation of this user guide belongs to our company. Product Introduction

This mobile phone/computer digital mixer sound card is mainly used in mobile phone/computer recording karaoke, speaker amplifier, game entertainment, conference hosting, network live broadcast and other fields. Relying on the built-in new generation of professional-grade DSP digital audio signal processor, the product is more stable and smooth to use, and the function is more powerful.

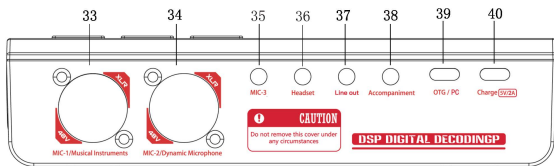
This product provides a variety of microphone and instrument interfaces, including 2 48V XLR interfaces and 2 XLR and 6.35 compatible instrument interfaces; it has functions such as ducking, noise reduction, original sound cancellation, internal playback, Bluetooth accompaniment, etc.; and the 3-way microphone can adjust the volume and mute independently; it has 3 custom effects. The product is more convenient to use, has a wider selection, is more interesting, and has stronger functions.

Hardware Introduction

1. Sound Card Introduction



(Front View)



(Rear Side View)

Function introduction:

1. Power switch:

a. Press and hold this switch to turn on/off the power. The red light will turn on and the light will turn off.

2. 48V-1 switch: Press and hold this button to turn on/off the 48V-1 XLR interface. The red light will flash when turned on and the red light will stay on when turned off.

3. 48V-2 switch: Press and hold this button to turn on/off the 48V-2 XLR interface. When it is turned on, the red light flashes; when it is turned off, the red light is always on;

4. KTV mode switching: It contains 3 different singing effects. When you press it shortly, the screen will display the effects of KTV1, KTV-2, and KTV-3

5. Shouting: The human voice is full and magnetic, suitable for rap scenes

6. Original sound: Highlight the human voice, suitable for live chat scenes

7. Voice change: Short press to switch: 4 different effects of male, female, baby voice, and robot, and display them on the screen accordingly;

8. Electronic music: Short press to switch the 12-order tone of electronic music;

9. Lead singing/follow singing/cancel original sound switching:

1) Lead singing: The original singer, accompaniment, and microphone sound can be heard in the monitoring headset for the first 60 seconds. After 60 seconds, only accompaniment and microphone sound are heard;

2) Follow singing: There is the original singer in the monitoring headset, and there is no original singer in the recording or live broadcast room, only accompaniment and microphone sound

3) Cancel original sound: Can eliminate the vocal part of the accompaniment of the stereo sound source

Note: Some accompaniments are different from the song tracks, and the original singer's sound may not be eliminated cleanly.

10. Custom settings: The machine is equipped with 3 custom special effect keys. You can record your favorite special effect sound through the accompaniment port, microphone port, Bluetooth accompaniment, etc. Press and hold this key to record, each key can record 25 seconds; short press to play, short press again to turn off the special effect.

When there is no sound source input, long press this key to clear the special effect

11. MIC-1 Slide Potentiometer: Control 33 XLR port/6.35MM interface input to open/mute, the light flashes when turned on, and the mute light is always on;

12. MIC-2 Slide Potentiometer: Control 34 XLR port/6.35MM interface input to open/mute, the light flashes when turned on, and the mute light is always on;

13. MIC-3 Slide Potentiometer: Control 3.5mm MIC-3 interface input to open/mute, the light flashes when turned on, and the mute light is always on;
14. Slide potentiometer: can control the monitoring volume of the headset and the volume of the audio interface
15. Bluetooth: Bluetooth wireless accompaniment switch/play pause switch:
- Control Bluetooth wireless accompaniment off/on; Bluetooth wireless accompaniment is on by default, and you can disconnect the Bluetooth connection by long pressing this key (Bluetooth name: X10)
 - Play/Pause: When playing music via Bluetooth, you can short press this key to control the play and pause of the mobile phone player.
16. Internal playback:
- Loopback feature after power on. The Loopback feature is enabled-- the button light is always on; the audio sent to the mixer via USB-C will be sent back to the USB connected device, the audio resources inside PC(music, video, game, web,ect audio) can be heard by streaming audience or recorded by recording device.
- The Loopback feature is disabled-- the button light flashes; the audio sent to the mixer can be heard through the monitoring headphones, but will not be recorded, or heard by audience. Turning off this feature can avoid unwanted echos.
17. Noise reduction: short press to turn off/on noise reduction;
18. Ducking: short press to turn off/on ducking. When turned on, there is sound input from the MIC interface, and the music input from the Bluetooth and 3.5 interface accompaniment is automatically exited. There is no sound input from the MIC, and the accompaniment music is played;
19. MIC-1 Slide Potentiometer: Controls the volume of the 33 XLR/6.35MM interface;
20. MIC-2 Slide Potentiometer: Controls the volume of the 34 XLR/6.35MM interface;
21. MIC-3 Slide Potentiometer: Controls the volume of the 3.5mm MIC-3;
22. Slide potentiometer: can control the monitoring volume of the headset and the volume of the audio interface
23. Reverberation volume: adjust the reverberation volume
24. Headphone volume: adjust the volume of the sound card headphone interface (note: does not control the headset volume)
25. The light flashes, indicating a robot effect;
26. The light flashes, indicating a baby voice effect;
27. The light flashes, indicating a female voice effect;
28. The light flashes, indicating a male voice effect;
29. Charging/battery indicator light: When the device is turned off for charging, the power button will light up green and the full light will go out; when the device is turned on for charging, the power button will light up yellow and red when fully charged.
- 30.31.32 are three different effects of KTV mode, and the light flashes to turn on the corresponding mode

Product specifications

1. Interface Details

48V microphone (XLR)	Dynamic mic/instrument interface (6.35mm)
Microphone interface (3.5mm)	Headphone interface (3.5mm)
Headphone interface (3.5mm)	Accompaniment interface (3.5mm)
Speaker interface (3.5mm)	PC/OTG interface (Type-C)
Charging interface (Type-C)	

2. Analog specifications

Signal-to-noise ratio (D/A): 108dB	Signal-to-noise ratio (A/D): 102dB
Dynamic range (D/A): 108dB	Dynamic range (A/D): 102dB
Total harmonic distortion (D/A): -92dB	Total harmonic distortion (A/D): -90dB

3. Power consumption/battery specifications

Power consumption: about 550mAh/3000mAh	Rated input: DC 5V/2A
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FAQ troubleshooting

1. The power indicator light does not light up after the device is turned on.
Please check whether the device has enough power, please charge it and try again.

2. The device does not work when it is turned on.
Please check if all cables are connected correctly.

3. There is noise or no sound when using headphones/headsets/speakers
Please try to unplug the headphones/headset/speaker again or plug in the headphones/headset/speaker first and then turn on the phone.
Please check whether the monitoring switch is on.

Please change the headphones/headset/speaker and try again

4. Hear noise or current during live broadcast

When broadcasting live on an Apple mobile phone, you can turn off monitoring and appropriately lower the volume of your mobile phone.

Check that all cables are fully inserted or reseal the cables.

Lower the microphone volume appropriately

Check if there are other devices or signal interference nearby

FAQ troubleshooting

5. Unable to transmit audio with live broadcast devices such as mobile phones

Check whether the USB, 3.5mm and other live broadcast cable connections are normal

Check whether the recording on your phone or computer is turned on or is smaller

6. Unable to monitor microphone sound

Check whether the microphone volume is low/check whether monitoring is on

Check whether the microphone or headset connection is normal

7. No sound when playing music

Check whether the mobile phone playback is normal/check whether the connection with the mobile phone is normal

Check whether the headphone or headset connection is normal/check whether the monitoring or accompaniment is turned on

8. No sound from instrument input

Check whether the connection to the instrument is normal/check whether the headphone or headset connection is normal

Check whether monitoring is on/check whether instrument input switch is on

9. No reverberation effect for monitoring or recording Check whether the sound effect is correct (there is no reverberation effect in the original sound state, and the reverberation is small in the hosting state) Check if reverb is lowest

10. Bluetooth not paired

Check if Bluetooth is on/Check if Bluetooth is connected to other devices

11. The computer cannot recognize the sound card

Connect the sound card to the computer and restart the computer

Replace the USB interface and reconnect/replace the USB cable and reconnect

Precautions

1. When the device shows low battery, please charge it as soon as possible. For the normal use and safety of the device, it is not recommended that users use the sound card while charging.
2. When the battery is low or the computer is used for live broadcast, a weak current interference sound may occasionally occur, which is a normal current fluctuation phenomenon.
3. When Bluetooth is not in use, turn off related functions or interfaces to save sound card power.
4. If you encounter broken sound or howling, please appropriately lower the microphone or live broadcast volume on the sound card to achieve the best effect.
5. When there is interference from other devices around you, there will be a current sound during live broadcast or monitoring;
6. If some laptops are charged with an external power supply, there will be a current sound when using the computer live broadcast or accompaniment function. You can unplug the charging power supply and try again.
7. Some Apple mobile phones will produce electric current sounds when recording, so you should try to use Apple's original audio cable.