

X5 Audio Mixer

User Guide



One-stop Audio Mixer Studio

For Streaming and Podcast On Computer & Mobile Devices

Product Overview

The X5 mixer is a multi-channel beginner audio mixer, provides an onboard, easy-to-use, all-in-one audio solution for online live streaming, podcast, gaming... It is an entertainment sound mixer, so its audio quality is not as professional as professional audio mixer, audio interface, or dj mixer.

It features a compact structure, built-in LCD screen, 2 large rotary adjustment knobs with RGB lighting effect, 8 conventional rotary adjustment knobs, and 29 keys. Easy to adjust, customize, and control your audio, such as 3-band EQ, reverbs, and more. It streamline the control over your audio mixing, no fiddly software, no complex and cumbersome process, no need long time learning curve, and hard-wire-controlled adjustment to all of audio and effects effortless.

The X5 features 11 audio jacks, provides enough channels to accommodate your most home devices. Built-in a XLR(3-pin), a 1/4", a 1/8", etc, microphone jacks, allows you use your different type microphone, and a 3.5mm TRRS jack for headphone microphone input and real-time monitoring. Moreover, Built-in one USB-C jack and two 3.5mm TRRS jacks to output your computers, tablets, smartphones and more, it is compatible with iOS, Android, Windows, etc system, no need worrying about the compatibility.

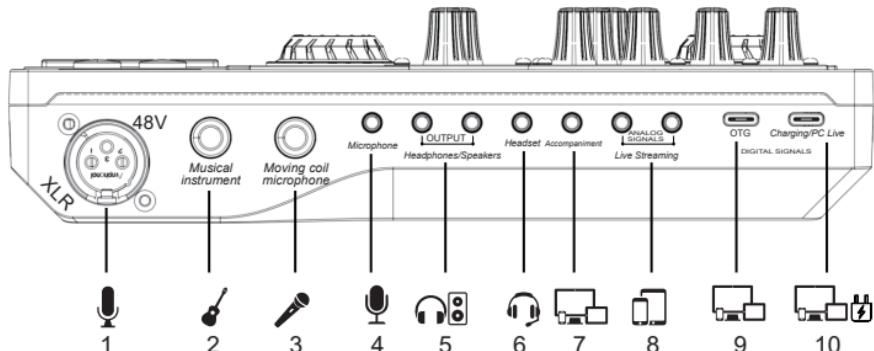
Specifications

Name	X5 SoundCard
Computer Recognition Name	X5 SoundCard
Dimension	L225*W145*H45mm 1.27LBS
Environment	Temperature 0°C ~ 45°C / 0°F - 113°F
Battery	Lithium ion 3000mAh/3.7V
Charging	DC+5V ———, 1A MAX
Power Consumption	500mAh; 5~6 hours working
Dynamic range	108dB(D/A); 102dB(A/D)
Sampling Rate	48000Hz/16Bit
BT Version/Name	V5.0, Compatible with Bluetooth 4.2BR1 X5 SoundCard
BT Receive	<10 m (No obstacle)
S/N Ratio	108dB(D/A); 102dB(A/D)
THD	-92dB(D/A); -90dB(A/D)

Interfaces Parameter

USB-C port	Type-C USB	Microphone port	3.5mm TRS port
Live Streaming port	3.5mm TRRS port	Moving coil microphone port	6.35mm TRS & TS port
Accompaniment port	3.5mm TRRS & TRS port		
Headset port	3.5mm TRRS port	Musical instrument port	6.35mm TRS & TS port
Headphones port	3.5mm TRS port	48V Mic port	XLR(3-pin) port

X5 Rear Panel



1. 48V XLR Mic port:

48V condenser microphone input port; 48V phantom power for 48V condenser microphone through the 48V button. the microphone input volume is controlled by " Total Mic Volume" knob.

2. Musical instrument port:

1/4" TRS/TS port. Connect 6.35mm musical instrument devices, such as guitar, bass and other musical instruments. The input volume is **Controlled by " Musical instrument"** knob.

Tips: The 1/4" dynamic mic can input audio through this port, but THE effects such as reverb, EQ, voice changing, etc, can not have an effect on this channel.

3. Moving coil microphone port:

3.5mm dynamic mic input port. The input volume is controlled by "Total Mic Volume" knob.

4. Microphone port:

3.5mm TRS mic port. Connect a XLR to 3.5mm condenser microphone; The input volume is **Controlled by " Total Mic Volume" knob.**

5. Headphones/speakers port:

Two 3.5mm ports; used for monitoring all sound resources of the mixer in real time via headphones or speakers. Supports TRS/TRRS headphone, The monitoring output volume is **Controlled by " Monitoring" knob.**

6. Headset port:

3.5mm TRRS port. Connect a headphone microphone. Used for vocals input via headset, and also can real-time monitor all sound sources simultaneously. **The monitoring output volume is controlled by " Monitoring" knob;** The input vol is controlled by " Total Mic Volume" knob.

7. Accompaniment port:

3.5mm accompaniment music resources input port; Connect an external audio source or devices to the mixer via a 3.5mm audio cable, to playback the background music during streaming, podcast, gaming or recording. Connected to the smartphone 3.5mm jack, PC  jack. **the input vol is controlled by " Accompaniment " knob.**

8. Live Streaming port:

Two 3.5mm TRRS analog output ports; By the port, the mixing audio can be output to the smartphone, tablet, camera or other devices through a 3.5mm TRRS cable. Can live stream to multiple devices at the same time.

Mainly use to live streaming podcast, or recording on smartphone or tablet.

Tips: When you chat with followers, fans and other streamers, the voice of other party can be input through this port. However, the volume of other party depends on the output volume of the other party, the mixer can not control / record the audio.

9. OTG port:

USB-C port; Data interface & charging port, can be used for digital audio data communications with computer and mobile devices, for digital audio signal line out/in, can be connected to PC/mobile devices for recording/live streaming/podcast via this port, also can be input audio from PC or mobile devices through this port.

The input volume is controlled by " Accompaniment " knob. The output volume is controlled by " Recording" knob.

Tips: Adjusting accompaniment volume inputted through the USB-C port (from mobile phones and PC) requires enabling Loopback function(Power key).

10. Charging/PC Live port:

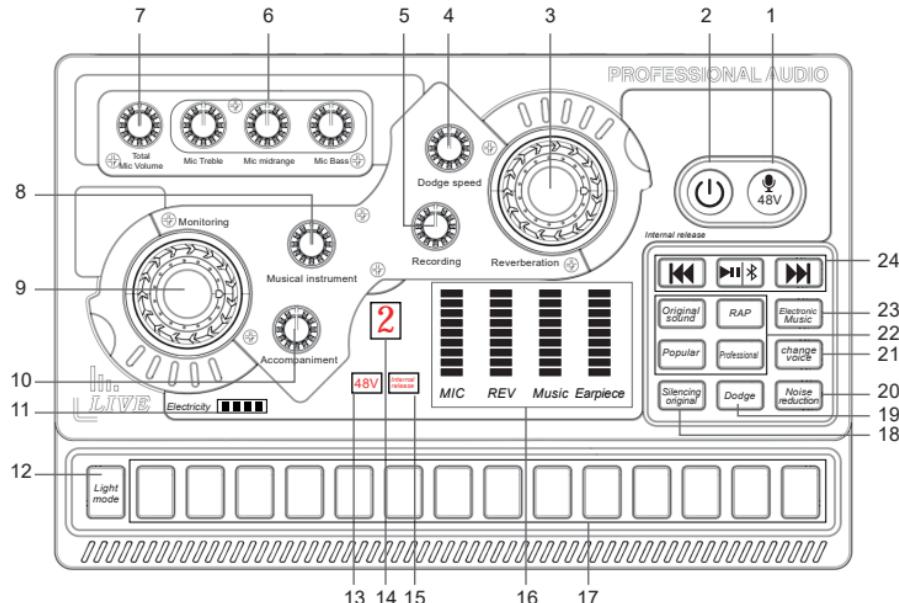
Data interface & charging port, can be used for audio data communications with computer and mobile devices for audio signal line out/in.

The input volume is controlled by " Accompaniment " knob. The output volume is controlled by " Recording" knob.

Tips: Adjusting accompaniment volume inputted through the USB-C port (from mobile phones and PC) requires enabling Loopback function(Power key).

Tips: Not supported for the connecting two devices(mobile devices or computers) simultaneously through two USB-C ports.

X5 Top Panel



1. 48V button:

48V Phantom Power switch. Power supply for 48V XLR microphone jack. Enable 48V power supply function, the button light will blink, 48V indicator will turn red, The indicator light of 48V is at the 13th mark.

2. Power/Loopback Button

Press and hold for 3s to turn on/off the mixer. Short press to turn on/off the 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.

Disable this feature can avoid unwanted echos.

3. Reverberation Knob:

Rotate the knob clockwise to adjust the reverb effect. Adjust reverb effect in current voice mode, and *adjust the reverb effect in reverb modes, voice changer modes, can not adjust the reverb effect in original sound mode.*

4. Dodge speed Knob

Rotate the knob clockwise to adjust the auto ducking levels.

Tips: Adjust the ducking effect after enabling the ducking function(Dodge button).

5. Recording knob:

Rotate the knob clockwise to controls the volume of main output(to the OTG port, PC/Live port, Live Streaming ports) for your streaming, podcast, recording devices.

6. Mic Treble, Midrange, Bass knobs:

Rotate the knobs clockwise to adjust the treble, midrange, bass effect of microphone vocals(from 48V Mic port, Moving coil microphone port, Microphone port and Headset ports).

7. Total Mic Volume knob:

Rotate the knobs clockwise to control the microphone input volume(from 48V Mic port, Moving coil microphone port, Microphone port and Headset port).

8. Musical instrument Knob

Rotate the knob clockwise to adjust the input volume of musical instrument devices (from Musical instrument port).

9. Monitoring Knob

Rotate the knobs clockwise to adjust the monitoring output volume(to Headphones /speakers jacks & Headset jack).

10. Accompaniment Knob

Rotate the knob clockwise to adjust the accompaniment music input volume(from Bluetooth, Accompaniment jack and OTG jack, PC Live jack).

if for the adjusting accompaniment volume inputted through the USB-C port (from mobile phones and computers) requires enable Loopback function(Power key).

11. Battery level display

Each 1 LED light indicates 25% battery. When charging, the Power switch button lights will remain green.

12. Light mode button:

short press to cyclically switch lighting modes, there are 5 RGB lighting effects.

13. 48V indicator; When the 48 function is turned on, the LED indicator turns red.

14. 12-step auto tune indicator

15. Loopback indicator; Enable Loopback function, the LED indicator turns red.

16. 4 level meters: Display your current adjustment change.

17 . 14 interesting instant trigger sound pads for live streaming atmosphere.

18. Silencing original button:

short press to turn on/off removing vocals function. when **Enable the function**, the mixer will remove 85% vocals part of current background music, remain accompaniment part, and the button light will blink when on.

if for the music inputted through the USB-C port (from mobile phones and computers) requires enabling Loopback function(Power key).

19. Dodge Button

Short press the button to turn on/off auto ducking function; **Enable auto ducking function**, the button light **flashes**; the mixer automatically lower the volume of background music while you speaking, highlighting your voice, recover background music volume while you stop speaking. (*only for the background music inputted via Bluetooth and Accompaniment port, if need ducking PC internal music, you need turn on LOOPBACK function(Power key)*).

Disable auto ducking function, the button light is always **on**.

Tips: the adjustment of the auto ducking effect is controlled by **Dodeg speed knob**.

20. Noise reduction button:

short press to turn on/off noise reduction function, and button light will blink when enable this function.

21. Voice Changer Button

Short press the button to switch cyclically 5 voice changer modes(Male voice, Female voice, Magic voice, Baby voice, Robot voice.); The voice changer modes has presetted reverb effect, can be adjusted by Reverberation knob.

Tips: if need exit this mode, please short press other sound modes.

22. 4 preseted reverb modes.

Short press the corresponding button to enable the corresponding reverb effect. can be adjust reverb effect of these modes by Reverberation knob

Tips: The Original sound mode has no reverb effect.

23. Electronic Music Button

Short press the button to switch cyclically 12 steps auto tune(Ab, A, Bb, B, C, Db, D, Eb, E, F, Gb, G);

Tips: if need exit this mode, please short press other sound modes.

24. Bluetooth switch and Bluetooth control button(BT ID: X5 SoundCard)

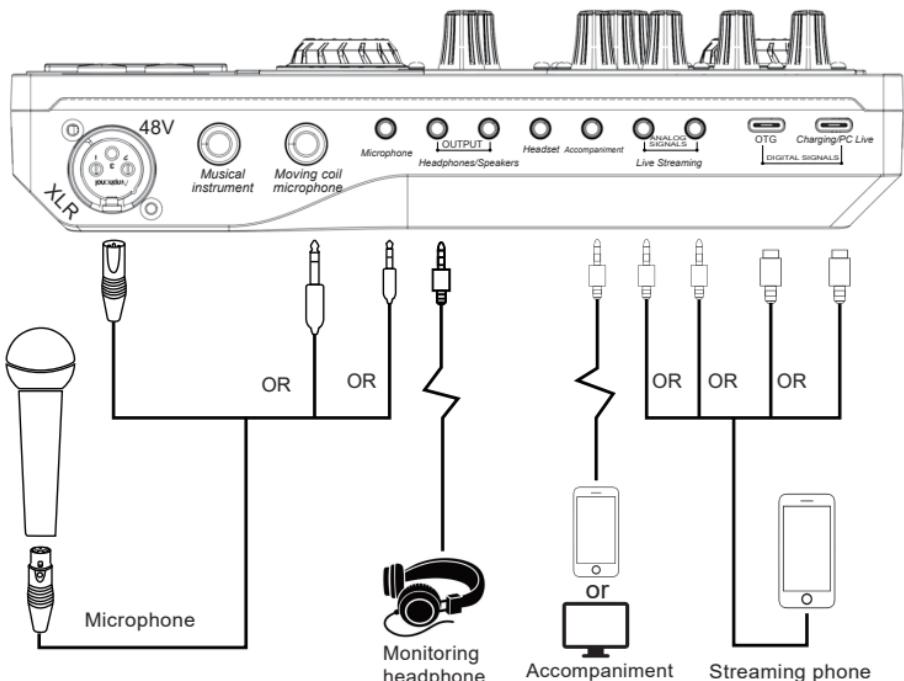
14.1--Bluetooth  enabled by default. turn on/off Bluetooth function by press and hold the  button.

14.2--when playing accompaniment via Bluetooth, short press the  button to play/pause the BT accompaniment.

Tips: Bluetooth control button is only for Bluetooth wireless accompaniment. the Bluetooth input volume is controlled by "Accompaniment knob"

Connection Guide

Live Streaming, Podcast Or Recording On Mobile Devices

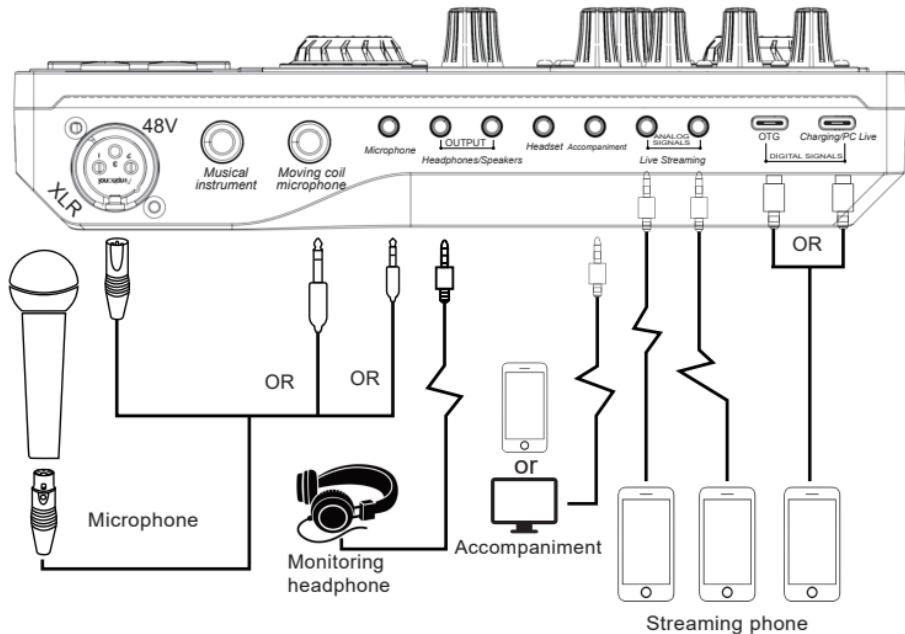


1. Connect the live streaming mobile phone, accompaniment mobile phone, monitoring headphone and microphone to the mixer as shown in the above.
2. Open on the live steaming app on smartphone.
3. Power on the mixer and set the voice FX needed, then test the live streaming effect.
4. Open the accompaniment app on the accompaniment phone and start live streaming.

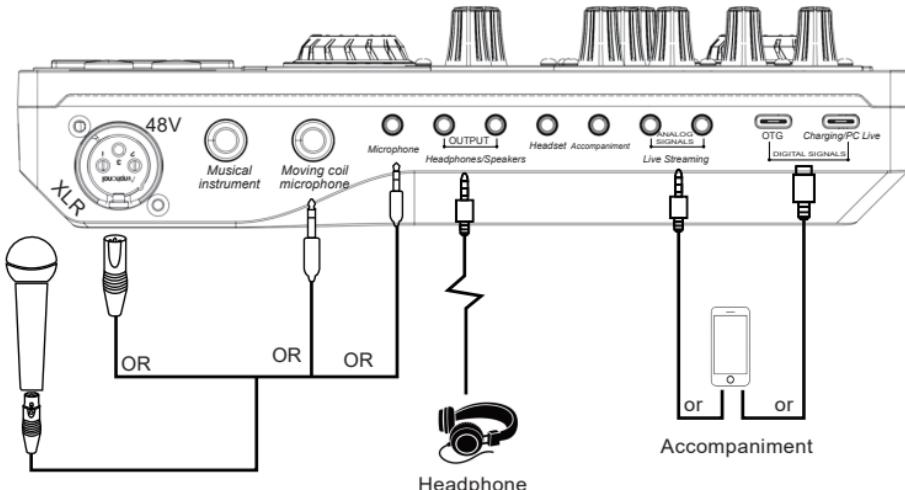
TIPS:

- If your phone does not have a 3.5mm port, please use the USB-C to USB-C cable, USB-C to 3.5mm adapter, or lightning to 3.5mm adapter from your phone manufacturer.
- The smartphone or tablets also can input the background music via USB-C ports. But it can not support live streaming & input audio simultaneously via USB-C port with your smartphone or table.
- USB-C to Lightning cable maybe can not be used to recording on iPhone via USB-C ports.
- If use the USB-C to USB-C cable + USB-C to Lightning adapter, to connect the iPhone for streaming or recording via USB-C port, this will cause delays in audio transmission.
- You can stream/record to 3 different phones if you utilize both USB-C port and two Live Streaming ports.

Live Streaming, Podcast Or Recording On Up To 3 Mobile Devices

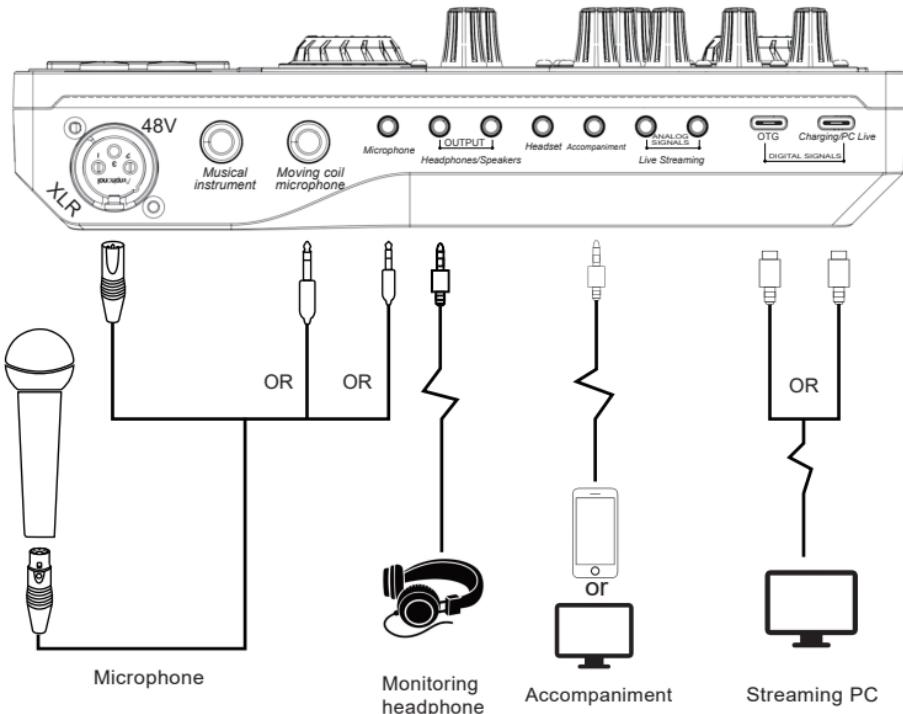


Karaoke On Mobile Devices



1. Connect the smartphone/headphones/microphone to the audio mixer as the picture shows.
2. Open on the karaoke app on smartphone.
3. Turn on the audio mixer and select/adjust the voice effects needed.

Live Streaming, Podcast Or Recording On Computer



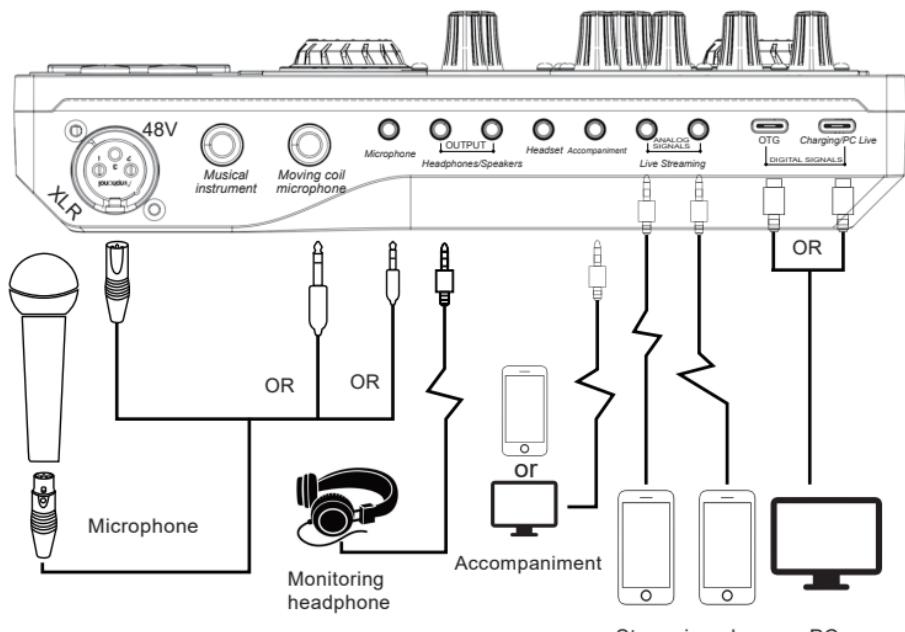
1. Connect the streaming/recording computer, accompaniment device, monitoring headphone and microphone to the audio mixer, as shown in the above figure.
2. Power on the mixer, put on monitoring headphone, and adjust the voice effects needed.
3. Use the USB-C data cable to connect the computer and the mixer. The computer will automatically recognize the device, Enter the sound setting panel of computer, and set the “X5 SoundCard” as the system default input and output device, or Playback and Recording device in “Playback” and “Recording”, as shown in the down figure.
4. Open the *streaming or recording or accompaniment software* on your computer, and confirm “X5 SoundCard” is set as default audio input/output, recording and playback device. then test the live streaming /recording effect, then start live streaming.
5. *When only using one PC for live streaming/recording and want to simultaneously input the PC system audio, you need turn on “Loopback” function.*
6. *Not supported for the connecting two devices(mobile devices or computers) simultaneously through two USB-C ports.*



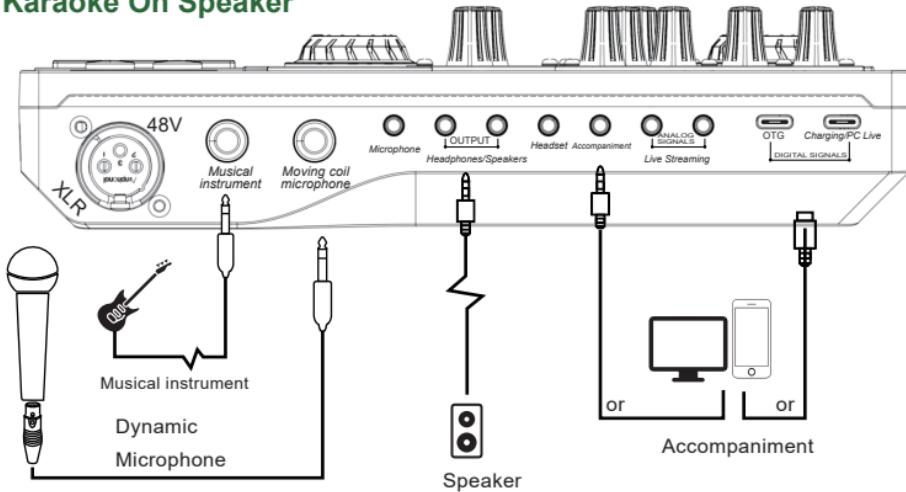
TIPS:

1. It is not recommended using the Live streaming ports to connect PC for live streaming.
2. Support streaming/recording/podcast on computer and smartphone simultaneously.
3. Support two 3.5mm headphone monitoring simultaneously.

Live Streaming, Podcast Or Recording On Mobile Devices and PC



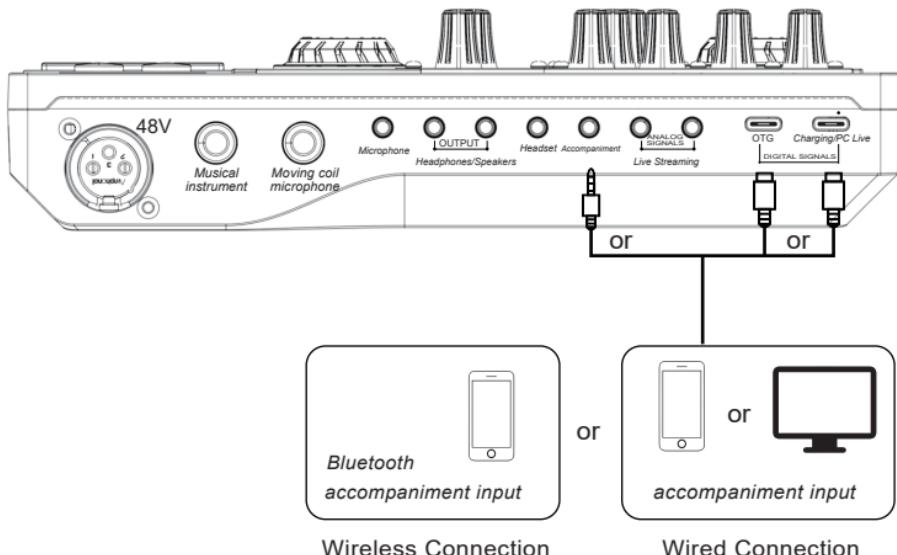
Karaoke On Speaker



1. Connect the speaker/accompaniment/microphone to the audio mixer as the picture shows.
2. Open on the karaoke accompaniment APP on PC or mobile devices.
3. Turn on the audio mixer and select/adjust the voice effects needed.

Tips: please use the dynamic microphone for avoiding Howling

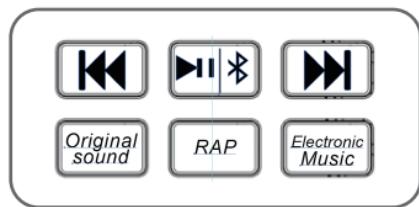
Accompaniment Music Input



Tips: Accompaniment music volume is controlled by "Accompaniment" knob

Bluetooth Connection

This audio console has a Bluetooth wireless connection feature (refer to item 24 of page ⑦ in the function introduction), which can be connected to a smartphone for live accompaniment.

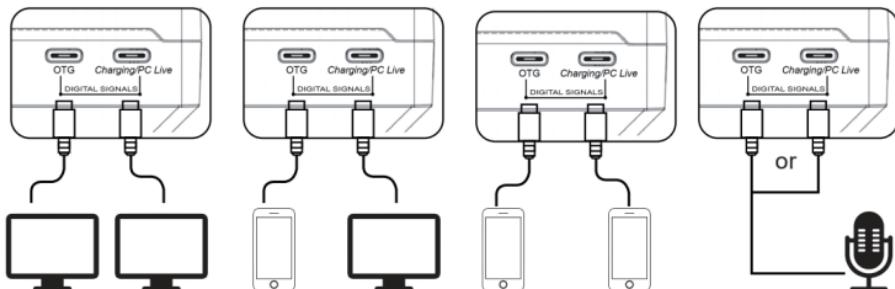


1. Turn on the audio mixer, the Bluetooth switch button light on the top panel of the sound card starts to flash.
2. Search for the device in the Bluetooth menu of the smartphone, find the Bluetooth device of "X5 SoundCard", and choose it to connect.
3. After the smartphone is connected to the mixer, the Bluetooth light will always be on.
4. Please connect the smartphone to the audio mixer through Bluetooth and set up the accompaniment music player on the smartphone in advance.
5. Open the live streaming software on the smartphone or computer for live streaming.

TIPS

- BT connection is limited by distance(10 meter), please do not place the too far away from the mixer.
- Be far away from strong signal interference place.
- BT feature is only for accompaniment music playback

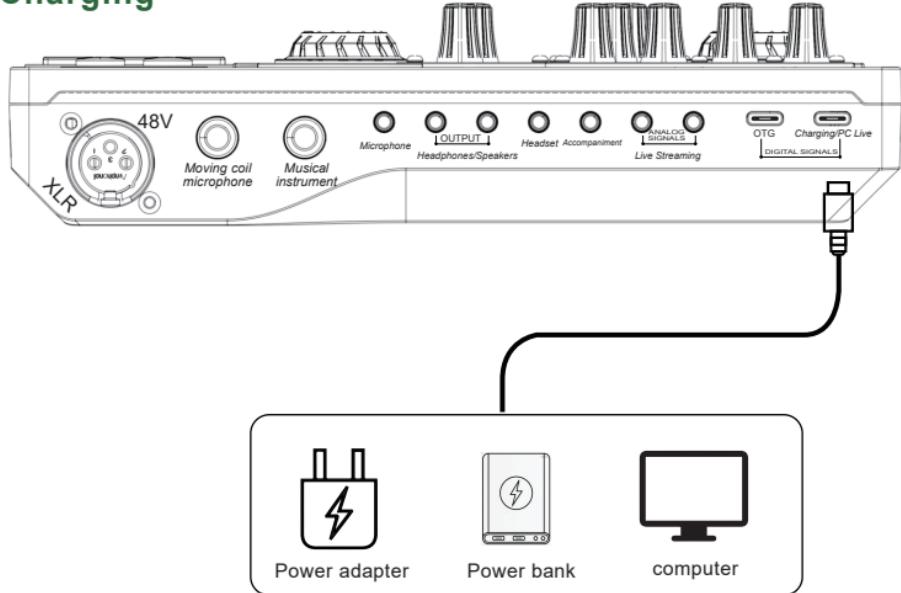
Unsupported Connection



Not supported for connecting two computers or mobile devices simultaneously through two USB-C ports

Not supported for the USB microphone connection via USB-C port

Charging



NOTE:

When the mixer has low battery or is about to run out of power, it will make a lot of noise; the battery is continuing to decrease, the noise will be more louder. Please charge it as soon as possible.

It is not recommended to use while charging.

Troubleshooting(FQA)

Q: The device does not work, or there is no sound suddenly.

Possible solutions: The battery is dead, please connect to USB cable to charge before use.

Q: There is a lot of noise during the live streaming.

Possible solutions:

1. Check whether the battery is close to a dead state, please charge it in time;
2. Whether the earphone is plugged into the corresponding identification position;
3. Appropriately lower the microphone input volume, and turn on noise reduction function;
4. Check whether the headset is inserted in place, and then plug in the headset again;
5. If the PC is live streaming, and some laptops have interfering the mixer, try to unplug the computer's charging cable;

Q: The microphone has no sound.

Possible solutions:

1. Check the insertion position of the mic cable and make sure that the logo is face to you, or replacing the microphone cable to check if the microphone cable is faulty;
2. Increase gradually the microphone input volume and Monitoring volume ;

Q: The live streaming sound is small or silent.

Possible solutions:

1. Check whether the cable connection is plugged into the live streaming port;
2. Replace audio cable or USB cable to check if whether the cable is faulty;
3. Check whether the Recording knob is turned on to the maximum;

Question: The audience can't hear the music when live streaming, and it has no effect

Possible solutions:

1. Check whether the USB cable is plugged into the USB-C OTG port.
2. Check whether the "LOOPBACK" function is enabled when streaming or recording on computers.

Q: The sound is not normal.

Possible solutions:

1. This device build in a variety of preset voice modes, please switch to original sound mode
2. Check whether the headphone is incorrectly inserted in the mark position

Q: Voice Changer effect can not be adjusted

Possible solutions:

It is recommended to adjust the effect such as Reverb, Mic EQ, etc. in the sound change mode through knobs

Q: Can not be used with guitar

Possible solutions:

It should be inserted into the 6.35mm "Musical instrument" jack, and the input volume of guitar only can be adjusted by the Musical instrument knob).

Q: Auto Ducking function not working

Possible solutions: It doesn't work on a voice call, it works on podcast or live streaming with music.

Warm Tips

- Please do not charge the audio console during live streaming.
- Please charge the audio console before using for the first time.
- If not used for a long period, please charge the audio console every 3 months.
- Charging is also possible when the power is off. Do not charge for a long time.
- Please stop charging when the battery is fully charged to avoid over -charging.
- BT connection is limited by distance. Please do not place the too far to avoid interference.
- BT feature is only for accompaniment music playback.
- During using desk computer or laptop live streaming or accompaniment, you must turn on the "Loop-back" function, Only in this way can the viewers hear the sound from the PC.
- The mixer is a entertainment audio interface with mixer and sound card, designed for live streaming, podcast, and other content creations, its audio quality is not as professional as professional mixer.
- **If you have any questions, please leave us a message on Amazon.**

Safety Precautions

- To avoid personal injury or property damage caused by factors such as high temperature, noise, radiation, fire, and machinery, please use this product in a safe environment and carefully read and follow the following precautions.
- If the product overheats, emits smoke or strange odors during use, please turn off the power and unplug the power cord immediately, and send the product to the dealer for repair.
- Do not modify, disassemble or repair this equipment by yourself, so as not to invalidate the product warranty or cause personal injury. If necessary, please contact the dealer for assistance.
- This product should be used and stored in a dry, ventilated, and safe environment. Do not use this product in a damp or dusty environment.
- Avoid rainwater, dust entering the product and causing a short circuit; being close to a heat source, collision, or severe vibration may cause irreversible damage to the product.
- Do not use this product in situations where it is explicitly prohibited by law. Comply with relevant safety regulations and use this product safely to avoid accidents.
- This product is not a toy for children. Keep it out of the reach of children.

Based on user feedbacks, we need to continuously upgrade product firmware and adjust function for optimizing product performances and user experiences, there may be slightly different among different versions.

For latest user manual, please Download it from below the product link, or Leave a message on Amazon

