User Manual

G1

Audio Console

Portable Sound Mixer For Live Streaming, Podcast
Or Recording On Smartphone & Computer

Product Overview

The G1 audio console is a multi-function sound mixer for beginner, designed for phone & PC live streaming, podcast, basic recording, gaming and other content creations. It features 2 large knob, 6 motorized faders, all-in-one & feature-rich functions buttons, compact structure design, provides intuitive one-stop solution to mix audio resources, reduces the learning curve, elevates beginner's content creating experience.

The G1 mixer has 8 enough connection ports to connect different audio input/output devices, such as USB-C digital I/O, XLR-3.5MM condenser microphone, 3.5MM TRRS output, 3.5MM audio real-time monitoring, and more, for home studio content creations on smartphone, tablet, computer and more.

The G1 mixer studio is an one-stop workstation for beginner, allows for the audio recording & mixing of sound sources without complicated settings. It provides all & onboard audio-related operation and workflow needed for live-streaming, podcastsing, recording, gaming and other applications.
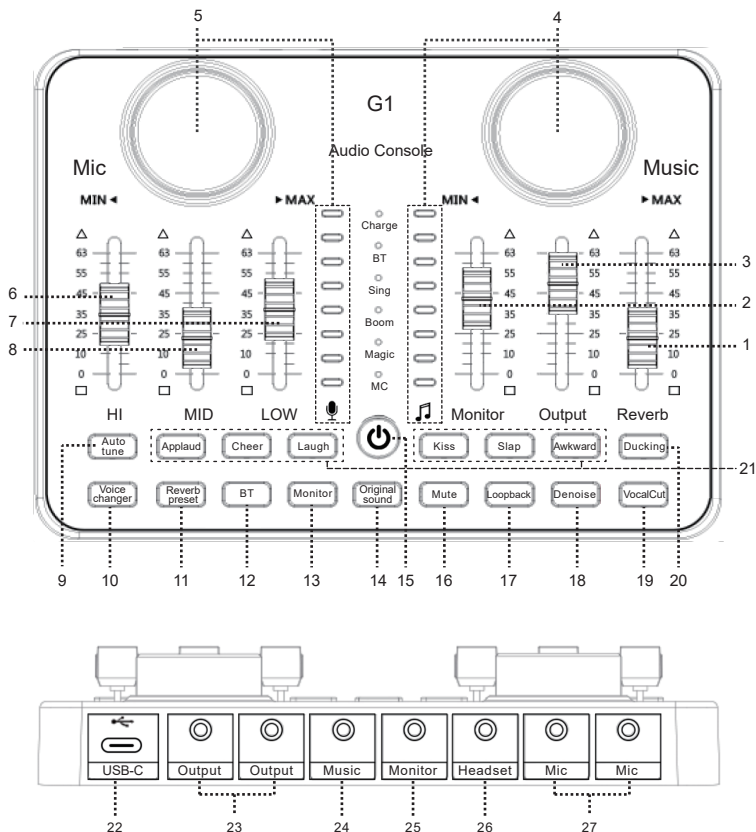
Product Specifications

Basic Parameters		Interfaces Parameters	
Product Name	G1 SoundCard	USB-C Port	DC5V/1A, Digital I/O
Dimension	163mm*123mm*41mm	Output1,2 Port	3.5mm TRRS port
Operating Temperature	0~45℃ / 0~113℉	Music Port	3.5mm TRS port
Frequency Response	80Hz~18000Hz	Monitor Port	3.5mm TRS port
THD	THD<1% @1kHz	Headset Port	3.5mm TRRS port
Sample Rate	44.1kHz /16bit	Mic1,2 Port	3.5mm TRS port
S/N	>101dB		
BT	BT 5.0 Compatible with 4.2		
BT Distance	<39ft/12m(no obstacle)		
Battery	Lithium 1000mAh/3.7V		
Battery Life	4~6 hours		
Charging Time	3 hours, 5V/1A max		

Warm Tips

To avoid personal injury or property damage caused by high temperature, noise, radiation, fire, machinery and other factors, please use this product in a safe environment, and observe the following:

1. If you encounter product heat, smoke, odor, etc. during use, please turn off the power and cut the power in time, and send it to the seller for maintenance.

2. Please do not modify, disassemble or repair this equipment by yourself to avoid invalidating the product warranty or causing personal injury. If necessary, please contact the customer service to deal with it.

3. This product should be used and stored in a dry, ventilated, and safe environment. Do not use this product in a humid, dusty environment.

4. Please avoid rain and dust entering the product to avoid short circuit. Close to the fire, collision and severe vibration will cause irreversible damage to the product damage.

5. Please do not use this product in the occasions prohibited by law, and follow the relevant safety regulations to use this product to avoid any accidents.

6. This product cannot be used as a children's toy, please place it out of the reach of children.

Product Panel & Interfaces

1. Reverb Fader

Slide up and down the fader to control the reverb effect of the microphone vocals.

2. Monitor Fader

Slide up and down the fader to control the monitoring volume of headphone (via Monitor port and Headset port).

3. Output Fader

Slide up and down the fader to control the volume of audio output from the two 3.5mm Output ports and the USB-C port output.

4. Music Knob & music level meter

Rotate left and right the knob to control the volume of audio input from 3.5mm the Music port, the Bluetooth and the USB-C port.

5. Mic Knob & microphone level meter

Rotate left and right the knob to control the volume microphone (input from the two 3.5mm Mic ports and the Headset port).

6. HI Fader

Slide up and down the fader to control the treble effect of the microphone vocal.

7. MID Fader

Slide up and down the fader to control the alto effect of the microphone vocal.

8. LOW Fader

Slide up and down the fader to control the bass effect of the microphone vocal.

9. Auto tune button

Short press to cyclically switch the 12-steps auto tune(A Bb B C Db D Eb E F Gb G Ab), Long press to turn off the auto tune mode.

10. Voice changer button

Short press to cyclically switch the 4 interesting voice changer mode: Male voice, Female voice, Uncle voice and Baby voice.

11. Reverb preset button

Short press to cyclically switch the 4 reverb mode: Sing mode, Sonic boom mode, magic sound mode, and MC mode.

12. BT button

Short press to turn on the Bluetooth function, Long press to turn off the BT function.

13. Monitor button

Short press to turn on/off the monitoring microphone vocals function, If you don't want to hear your own voice(inputted via microphone port and Headset port), you can turn off the Monitor function.

14. Original sound button

Short press to switch to original sound mode from other sound modes.

15. Power switch button

Press and hold the ⏻ button for more than 2 seconds to power on/off.

16. Mute button

Short press to turn on/off the mute function. when turning on the feature, the mixer will turn off all of sound.

17. Loopback button

Short press to turn on/off the Loopback function. Turning on Loopback function will allow the G1 mixer to record the PC system internal audio from the USB-C port input. **the Loopback feature is on**, the audio sent to the mixer via USB, will be sent back to the USB connected device; **the Loopback feature is off**, the audio sent to the mixer via USB, can be heard through the monitoring headphones, but will not be recorded. Turning off this feature can avoid unwanted echos.

18. Denoise button

Short press to cyclically switch to level one noise reduction, level two noise reduction, and turn off noise reduction function.

Warm Tips: After turning on the noise reduction, the mixer will filter the lower sound signal, and treat lower sound signal as noise and filtering them out, may cause your voice to be intermittent. At this time, it is recommended to turn up the microphone volume or talk close to the microphone.

19. VocalCut button

Turn on the function, the mixer will eliminate the vocal part in the accompaniment song (inputted from Music port and Bluetooth) and retain the music part, convenient to sing along. *if for PC internal accompaniment music, you need turn on Loopback function*.

20. Ducking button

Turn on the function, the mixer will automatically lowers the volume of background music when you start to speak, highlighting your voice. And restore the music volume after you stop speaking; convenient for chatting scenes. *only for the accompaniment music inputted from Bluetooth and Music port, if for PC internal accompaniment music, you need turn on Loopback function*.

21. 6 interesting sound effect buttons

22. USB-C port

The mixer recharging port and data transmission port; It is for audio signal line out/in, can be used for audio data transmission with computer and mobile devices, to record /live stream/podcast, or input audio resources via the USB-C port.

NOTE:
(1) When G1 is low battery or is about to run out of power, it will make a lot of noise; the power is continuing to decrease, noise will be more and more loud. Please charge it as soon as possible.
(2) USB-C to lightning cable maybe can not be applied to using iPhone for live stream or recording via USB-C port.
(3) if use USB-C to USB-C cable + USB-C to lightning adapter to connect to iPhone there will be audio transmission delay.
(4) After our testing, a very small number of mobile phones may experience this problem: when the mixer can be connected to the phone, but the microphone function of the phone is still in use, it blocks the audio data transmission of USB-C, resulting in ineffective or low sound, intermittent; This is a problem with the mobile phone, and we cannot solve it.

23. Output port

3.5mm TRRS interface, output audio signal to mobile devices, such as smartphone, tablet and more. the output volume is controlled by "Output" fader.

Please use the USB-C to 3.5mm adapter or Lightning to 3.5mm adapter from the phone manufacturer if your phone has not the 3.5mm audio jack.

24. Music port

Connect external audio sources or playback devices through a 3.5mm audio cable for playback of background music during live streaming and recording.

25. Monitor port

3.5mm monitoring port. used for monitoring all sound resources of the mixer in real time. *Supports mobile phone earphones (TRRS plug), studio headphones (TRS plug).*

26. Headset port
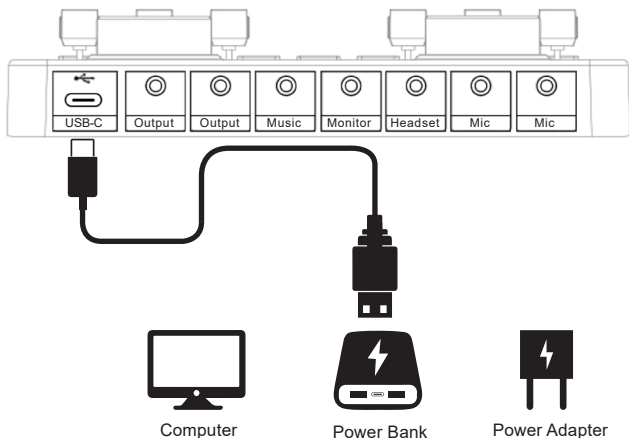
3.5mm TRRS port. Connect a headset microphone. used for vocals input via headset, and also can real-time monitor all sound source simultaneously.

27. Mic port

3.5mm TRS port. Connect a (XLR-3.5mm) condenser microphone that does not require external power supply. 【48V microphone needs to be connected to external phantom power, then use XLR-3.5mm microphone cable to connect to the audio console】.

Product Connection Guide

1. Charging

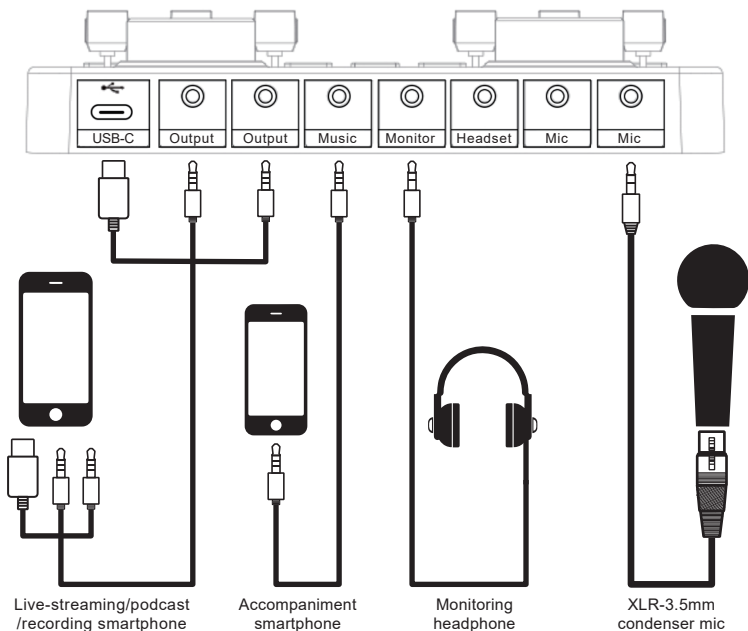| USB-C | Output | Output | Music | Monitor | Headset | Mic | Mic |

Computer　　　Power Bank　　　Power Adapter

You can use a USB-C cable to connect to a computer, power bank, or power adapter for charging.

Warm Tips:

- Please charge the device before first use.
- If not used for a long time, please charge the device every 3 months.
- Charging is supported even though the device is turned off.
- For safety, please stop charging after the battery is fully charged to avoid overcharging.

2. Live Streaming/Podcast/Recording On Smartphone

Live-streaming/podcast /recording smartphone   Accompaniment smartphone   Monitoring headphone   XLR-3.5mm condenser mic
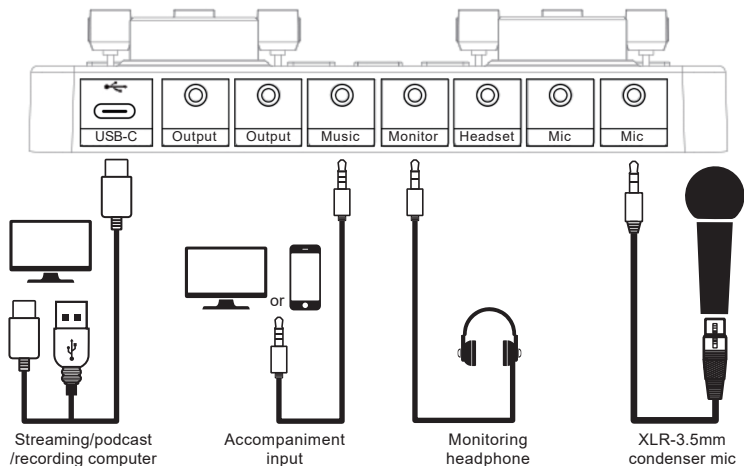
1. Connect the streaming/recording smartphone, accompaniment device, monitoring headphone and microphone to the sound mixer, as shown in the above figure.

2. Power on the mixer, put on monitoring headphone, and adjust the voice effects needed.

3. Open phone App, test the live streaming/recording effect, then start live streaming or recording.
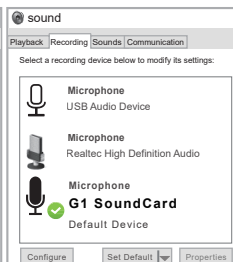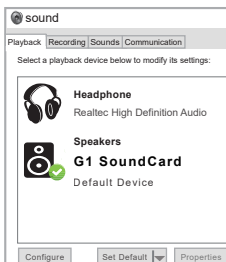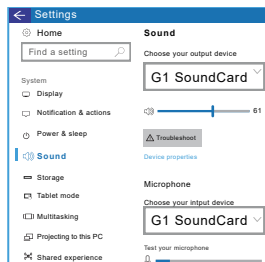
Tips

1. 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.

2. The smartphone or tablets also can input the background music via USB-C port. But it can not support live stream & input audio simultaneously via USB-C port with your smartphone or table.

3. USB-C to Lightning cable maybe can not be applied to the live streaming on iPhone via USB-C port.

4. If use the USB-C to USB-C cable + USB-C to Lightning adapter, to connect the iPhone for live streaming or recording via USB-C port, this will cause delays in audio transmission.

5. *You can stream/record to 3 different phones if you utilize both USB-C port and two Output ports.*

6. The monitoring volume is not equal to the main output volume. The volume you hear in monitoring headphone is only the volume you hear in monitoring headphone, not the volume output to the live broadcast or recording devices. It is recommended to test the effect before live broadcast, podcast or recording.

3. Live Streaming/Podcast/Recording On Computer

| USB-C | Output | Output | Music | Monitor | Headset | Mic | Mic |

Streaming/podcast /recording computer   Accompaniment input   Monitoring headphone   XLR-3.5mm condenser mic

1. Connect the streaming/recording computer, accompaniment device, monitoring headphone and microphone to the sound 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 "**G1 SounCard**" 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 software on your computer, and confirm "**G1 SoundCard**" is set as default audio recording and playback device. test the live streaming/recording effect, then start live streaming or recording.

4. Open the streaming or recording software on your computer, and confirm "**G1 SoundCard**" is set as default audio recording and playback device. test the live streaming/recording effect, then start live streaming or recording.

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.*
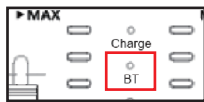
4. Bluetooth Connection

1. Turn on the BT function via BT button, and the BT button light starts to flash.
2. Search the device in smartphone BT menu, find the BT device of "G1 SoundCard", the connect it
3. After the smartphone BT is connected successfully to the mixer, the BT button light is on always.
4. Please play accompaniment on phone music player, after set up the mixer.
5. Open the live streaming software on the smartphone or computer for live streaming.

Tips

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

Bluetooth indicator

Troubleshooting(FQA)

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

① Press and hold the Logo button for more than 3 seconds to turn on the device.
② The battery is dead, please connect to USB-C cable to charge.

2. There is a lot of noise during the live streaming.

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

3. The microphone has no sound.

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 The microphone sound is turned off to the minimum, then please monitor and increase gradually the voice volume of mic.

4. The live streaming sound is small or silent.

① Check whether the live 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 Output fader is turned on to the maximum.
④ Check if your phone can record, then try live streaming again.

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

① Check whether the USB cable is plugged into the charging port, please use the configuration cable of this machine correctly.
② Check whether the "Loopback" function is turned on when live streaming or recording on one PC.
③ Check whether the Music knob is turned on to the maximum.
④ Check if the "G1 SoundCard" is set as the default playback and recording device in the streaming software. If not, please set it manually.

6. The sound is not normal.

① This device has many pitch-shifting effects, please switch the sound mode to original sound mode.
② Headphone is incorrectly inserted in the headphone position, please reinsert in the correct position.

7. Auto Ducking function not working.

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

8. Some time it even lower the music and mic vocals even when the Ducking function is not turned on.

    When use some brands of smartphones to live stream or recording via Live ports or USB-C port, there may be a problem that the phone microphone is still working, so the phone system may auto ducking the inputted audio from the audio console when live streaming or recording.

Noise Treatment

Noise reduction function

G1 mixer has built-in noise reduction button (Denoise botton), if your room has much background noise, you can turn on the noise reduction function to filter background noise.

Low input and high output

Reduce the input volume of the microphone on the G1 audio console (to no noise), and then amplify the output volume (Output fader).

Microphone placement

The condenser microphones are sensitive to sound pickup, have a wide pickup range, and can pick up background noise that our ears can not hear. Therefore, it is recommended to use it in quiet environment; You can place the microphone away from noise sources, such as fans, air conditioner vents, and main host of a desktop computer, ect.

Close to the microphone

The louder the ambient noise, the closer the microphone should be, to improve the signal-to-noise ratio of the recording and reduce the ambient noise recorded by the microphone.

Do not use while charging

it is not recommended to use while charging, to avoid current sound.

Acoustic treatment

Some acoustic treatments can be done in the room, such as sound-absorbing foam, heavy curtains, thick carpets, sofas, bookcases, ect, can effectively reduce room reflection, reverb, echo, ect.

Sound quality

G1 audio console is designed for live streaming, online podcast and others, its sound quality is not as professional as a professional audio mixer.