



tenlamp G3 Audio Console User Manual

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User Manual

The image shows a ten24mp audio interface, a compact device with a black body and red accents. It features two large black knobs on the left side, each with a green LED ring. Between the knobs are several sliders and switches, including a central 'Gain' knob and various input level controls. The top edge has a row of colored LEDs (red, yellow, green, blue) and a 'ten24mp' logo. The bottom edge is populated with a grid of buttons, including 'Panic', 'Solo', 'Mute', 'Record', 'Play', 'Stop', 'Pause', 'Fader', 'Gain', 'Input', 'Output', 'Monitor', 'Mix', 'Mute', 'Solo', 'Record', 'Play', 'Stop', 'Pause', 'Fader', 'Gain', 'Input', 'Output', 'Monitor', 'Mix'. The device is shown from a slightly elevated angle, highlighting its sleek design.

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can find the product' s introduction, usages and other information.

Before using this product, please read the manual carefully, so that you can use it right. And if there are any printing or translation errors that cause your use inconvenience, we are deeply sorry; If you have any questions or confusion, please contact us or leave us a message as soon as possible.

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PRODUCT OVERVIEW

The G3 sound card is a digital audio interface with mixer and sound card, a one-stop workstation for live streaming, podcast, recording and other content creations. Built-in high-performance digital DSP reverberation processing, supports high-definition digital recording, 3 interesting voice changers, 5 presetted reverb modes, PC digital transmission, dual mobile phone live streaming, BT wireless accompaniment, real-time earphone monitoring. Provides XLR to 3.5mm microphone interface inputs, 12 steps electronic music tunes, interesting atmosphere sound effects. Suitable for live stream studios, podcast studios, personal live streaming, recording, chatting, singing...

G3 provides one comprehensive solution from audio recording to the mixing of recorded audio, integrates audio input collecting, processing & optimizing and output controlling.

The built-in DSP digital audio processor can help tune your voice in real-time, makes it possible to change your voice and add more funny sound effects to your podcast or streaming, which will make your content creation more entertaining.

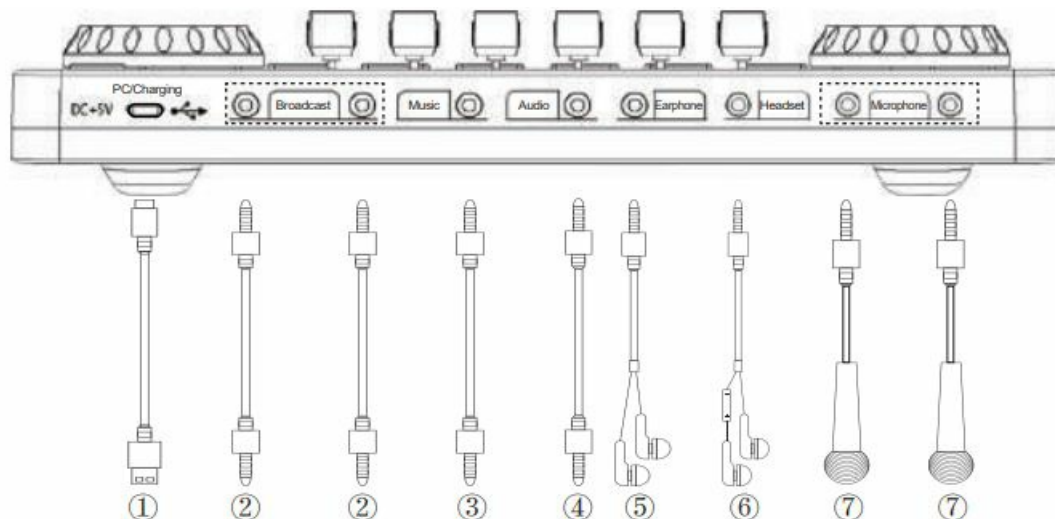
It works well on smartphones, tablets and computers, including Android, iOS, Window and macOS, Linux . It is plug-and-play with no extra driver required. It offers channels of audio mixing and easy connections to microphones, smartphones, and other audio sources; uses advanced engineering that allows the user to control the sound levels in real time and add vocals effect and interesting sound effect, avoid to laborious post-production and editing.

It is so easy and intuitive to use that you can start into streaming or podcasting within minutes, and focus on providing valued content to interact with your audiences, entertain your community rather than being distracted by the complicated operations.

PRODUCT APPEARANCE



G3 PORTS CONNECTION



① PC/Charging:

DC+5V; OTG port; Used for G3 charging and data digital transmission; Computer live streaming/recording port and computer input accompaniment music port; The audio console serves as an external audio processor for the computer/smartphone while live streaming, recording or singing.

② Broadcast:

3.5mm TRRS main Analog Output port; The processed audio can be output to the smart- phone, tablet, PC or other devices through a 3.5mm TRRS cable. Can live stream to multiple devices at the same time. Can be connected to the desktop computer microphone jack, laptop 3.5mm audio jack or smartphone earphone jack when live streaming.

③ Music:

3.5mm Analog input port; Connect an external audio source or devices to the audio console via a 3.5mm audio cable, to input background music during live streaming or audio production. When inputting background music, it can be connected to the phone head- phone jack, desktop computer earphone jack and laptop 3.5mm audio jack.

④ Audio:

3.5mm output port; Connect audio playback device such as speakers and headphones.

⑤ Earphone:

3.5mm monitoring output port; Monitoring earphone jack, used to monitor sound of audio console in real-time.

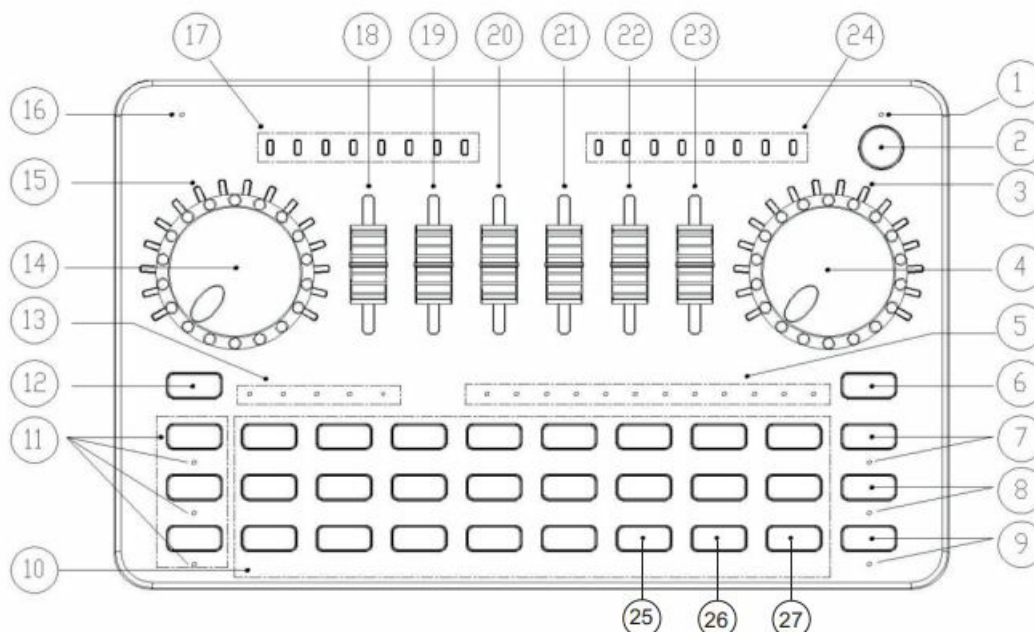
⑥ Headset:

3.5mm TRRS port; Used to voice input by a earphone with microphone. ALSO can monitor all sound of audio console in real-time.

⑦ Microphone:

3.5mm TRS port; Connect (XLR to 3.5mm) condenser microphone that does not require external power supply.

G3 BUTTONS FUNCTION DEFINITION



1. Charging indicator light:

The Red indicator is on during charging, and the indicator will be off when fully charged.

2. Power on/off button:

Long press the button 2 seconds to power on/off the sound card, After power on, short press to turn on/off PC "Loopback" function; Loopback function is used for inputting audio from PC via PC/Charging OTG port; Loopback ON: the audio resources inside PC(music, video, game, web pages,ect audio) can be heard by audience or can be recorded; Loopback OFF: only microphone audio can be heard by audience or can be recorded.

3. Accompaniment volume indicator and breathing lamp.

4. Music Knob:

Adjust the input volume of accompaniment music(via Music port, PC/Charging port and BT).

5. Electronic-Tone state lamp:

Cyclic indication of current electronic music tune.

6. Electronic button:

Short press to cyclically switch 12 steps electronic music tunes. Long press to turn off the electronic music tune mode.

7. Dodge button / status light:

Turn on/off auto ducking microphone audio function. When on, the mixer automatically lower the volume of background music while streamer speaking, recover background music volume while streamer stop speaking.

8. Anaphora button/state lamp:

when turn on the function, G3 will eliminate 85% the singer's vocals in current accompaniment

9. Personality murmur button /status light:

Turn on special voice function, and the 6 voice modes can be cyclically switched by ChangeVoice fader adjusting.

10. Interesting sound effect buttons area:

24 buttons in total.

11. Voice changer button:

Three preseted interesting voice changer buttons: Goddess, Uncle and Children' s.

12. Pattern button:

short press to cyclically switch 5 preseted reverb modes: original sound mode, Karaoke mode, shout mode, popping mode, magic sound mode.

13. Pattern Lamp :

Indicates the current reverb mode, a total of five modes.

14. Microphone knob:

Rotate the knob clockwise to adjust the input volume of mic(via microphone, Headset port).

15. Microphone level indicator and breathing lamp.

16. BT status indicator:

BT is waiting for pairing When the indicator blink. When indicator is always ON, BT has been paired and connected successfully.

17. Microphone volume level indicator:

Eight segment dynamic level display .

18. MIC EQ fader :

To up to increase treble effect of microphone vocals, slide down to increase bass effect of microphone vocals.

19. ChangeVoice fader:

Fine-tune the current voice changer effect when turn on special voice or the Goddess, Uncle and Children's.

20. Reverb fader:

Adjust reverb effect from min to max reverberation effect in the original sound. Fine tuning in other modes, make the sound more nature.

21. Monitor fader:

Adjust the monitoring output volume(via Earphone port, Headset port, Audio port)

22. Record fader:

Adjust the main output volume(output to live streaming or recording devices), via PC/Charging, and Broadcast ports.

23. Music EQ fader:

To up, increase treble effect of singer' s vocals in background music; slide down, increase bass effect of singer' s vocals in background music.

24. Accompaniment dynamic level indication.

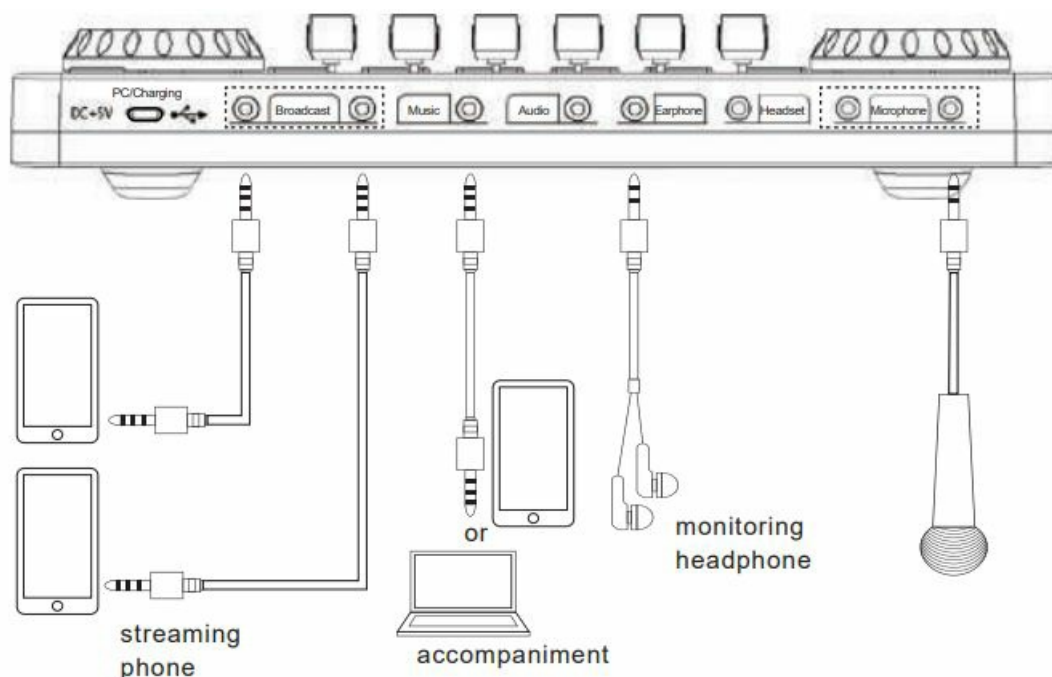
25: Long press the button for 2 seconds to turn on First level noise reduction function

26: Long press the button for 2 seconds to turn on Second level noise reduction function

27: Long press the button for 2 seconds to turn on Third level noise reduction function

G3 USING CONNECTIONS

Live Streaming/Recording on Smartphone



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

4. Open the accompaniment music app on the accompaniment mobile phone and start live streaming.

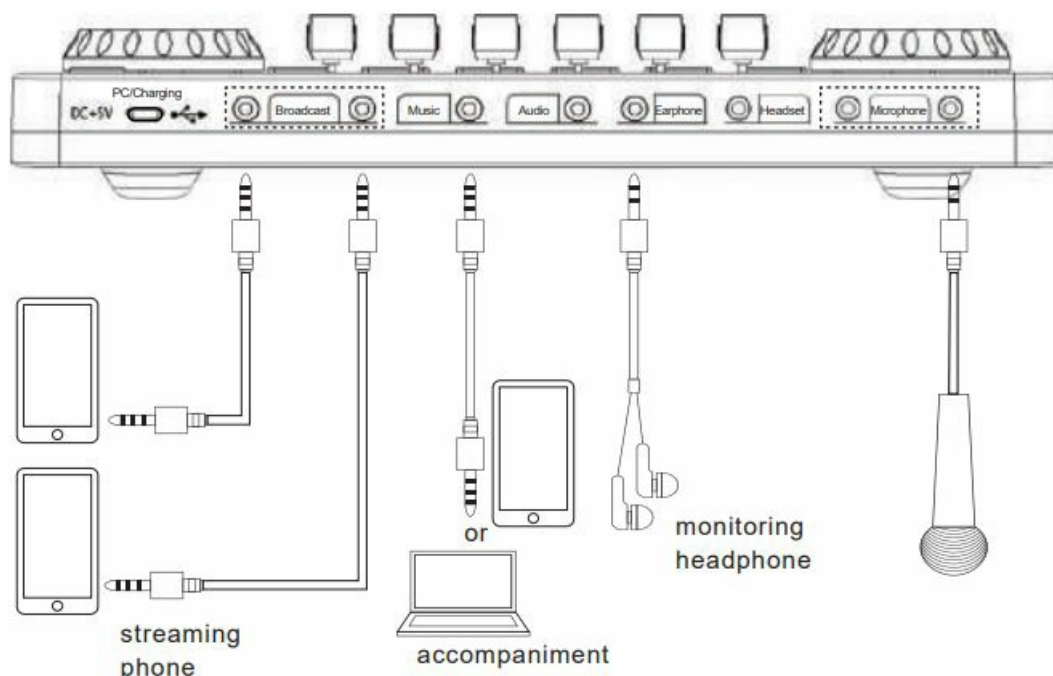
Warm Tips

- Please use the 3.5mm to USB-C or 3.5mm to Lightning adapter from the manufacturer if your phone has no the 3.5mm audio port.
- The mixer can support live streaming up to 2 different smartphones, 2 mics & 1 headset inputs at the same time. Do not have to connect all output and input ports if not needed.
- PC/Charging port also can connect PC device for inputting accompaniment music.
- If has surroundings noise, please turn on denoise function, or lower mic volume.
- Headphone with microphone input vocals please insert into Headset port, wireless mic please insert into Microphone port, including Lavalier mic, Wireless lavalier mic.

NOTE: when you interact and stream with live audiences, guest, followers and other streamers through smartphone via Broadcast port, you can hear the sound of live audiences, guest, followers and other streamers in monitoring headphone, but the sound volume from live audiences, guest, followers and other streamers depend on the other side, G3 can not control the volume of the sound.

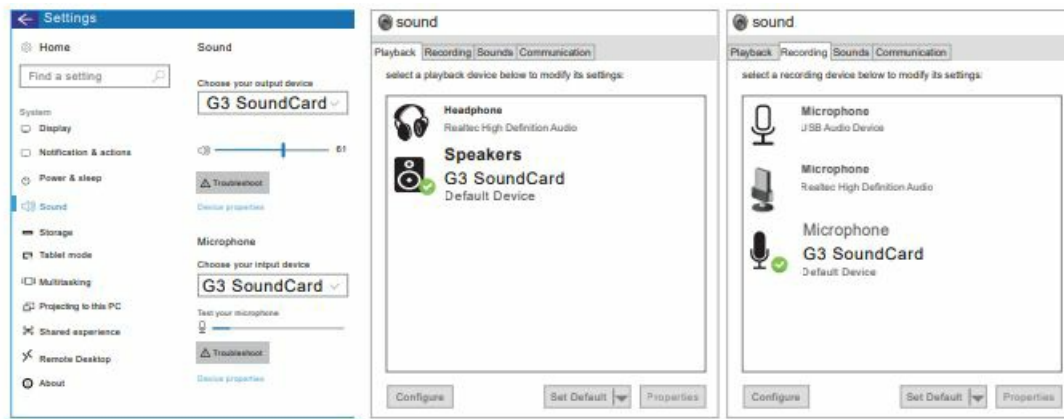
NOTE: when you interact and stream with live audiences, guest, followers and other streamers through smartphone via Broadcast port, you can hear the sound of live audiences, guest, followers and other streamers in monitoring headphone, but the sound volume from live audiences, guest, followers and other streamers depend on the other side, G3 can not control the volume of the sound.

Live Streaming/Recording on PC



1. Connect the music source, monitoring earphones, and mic to the mixer as shown in the above.
2. Connect the PC and the mixer by USB cable. The PC generally automatically recognize the mixer.
3. Enter the Sound settings of PC, and set the "G3 SoundCard" as PC system default input and output device, or playback device in "Playback" and recording device in "Recording" option, as shown in the down

4. Set the output device on live streaming platforms, accompaniment software as G3 SoundCard



Warm Tips

- Please turn on “Loopback” function during PC live streaming, if want inputting the PC internal system audio.
- It is not recommended using the Broadcast ports to connect computer for live streaming or recording.
- Support live stream on computer and smartphone simultaneously.
- Support two 3.5mm headphone mono monitoring simultaneously(Audio and Earphone ports).

G3 BT CONNECTION

1. BT will be turned on after power on, and will automatically wait for pairing, the red BT indicator will blink.
2. Search the device in phone BT menu, find the BT device of “G3 SoundCard”, and choose it to connect.
3. After the smartphone BT is connected successfully to the mixer, the red BT indicator 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.

Warm Tips

- BT connection is limited by distance(10 meter), do not place the too far away from the G3.
- Be far away from strong signal interference place.
- BT feature is only for accompaniment music playback.

TECHNICAL PARAMETERS

Name	G3 Sound Card
Size	L225*W140*H40mm
Environment	Temperature 0℃ ~ 45℃/0 F -113 F
Battery	Lithium ion 1000mAh/3.7V (3.7Wh)
Charging	DC+5V, 1A MAX
Out power	10mW Load 32Ω (Condenser microphone)
Frequency response	80Hz~18KHz
Reverb processing	32Bit RISC Digital reverberation processor
Sampling rate	48KHz/16Bit
BT version/Name	V5.0, Compatible with Bluetooth 4.2BR1 G3 SoundCard
BT receive	<12 m (No obstacle)
S/N Ratio	>102dB
THD	<0.3% @1kHz (Live streaming)
Product weight	460g

TIPS

- The USB sound mixer is a entertaining sound card for online live streaming, podcast, and others. Its sound quality is not as professional as that of a professional audio mixer.
- The monitor volume is not equal to the main output volume, and the volume heard by the monitor headset may not be the same as the main output volume. Monitor volume is the volume output to monitor earphones. The main output volume is the volume output to live broadcast devices or recording devices, separately adjusted by different faders.

SETTINGS RECOMMEND

Live Streaming Setting



Recommend Original sound mode

Singing Setting



Recommend KTV sound mode

Warm Tips

Everyone's voice is different. It is recommended to use a monitor headphone to adjust voice with the sound card.

TROUBLESHOOTING(FQA)

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

Answer: The battery is dead, please connect to charging cable to charge before use;

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

Answer: a. Check whether the headset is inserted in place, and then plug in the headset again;

b. Whether the earphone is plugged into the corresponding identification position:

c. Appropriately reduce the microphone volume;

d. Check whether the battery is close to a dead state, please charge it in time;

e. If the PC is live streaming, and some laptops have interfering sound cards, try to unplug the computer's charging cable;

3. Q: The microphone has no sound.

Answer: a. Check the insertion position of the mic cable and make sure that the micro- phone logo is faced to you;

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

4. Q: The live streaming sound is small or silent.

Answer: a. Check whether the live cable connection is plugged into the live broadcast port;

b. Check whether the mobile phone is inserted in place;

c. Try to see if the mobile phone recording can be broadcast live again;

d. Check whether the Record fader is turned on to the maximum.

5. Q: The viewers can't hear the sound when using computer live streaming, and it has no effect

Answer: a. Check whether the USB live cable is plugged into the PC/Charging port, please use the configuration cable of this machine correctly;

b. Check whether the main output volume is turned on to the maximum, push the Record fader up to increase the main output volume;

c. Check whether the "Loopback" function is turned on.

6. Q: The sound is not normal.

Answer: a. This device has a variety of voice changing effects, please switch the sound mode to original sound mode;

b. The earphone is incorrectly inserted in the headset position, please unplug it and insert it to the earphone mark position.

7. Q: Can not be used with guitar

Answer: It should be connected to a 3.5mm "Music" jack, if 6.35mm plug, Please use a

6.35mm to 3.5mm TRS adapter.

8. Q: Dodge function not working

Answer: It doesn't work on a voice call, it works on podcast or live streaming when you input the accompaniment music.


WARM TIPS

- Please do not charge the sound card during live streaming.
- Please charge the sound card 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.
- It performs well on PC, however, we can't make sure that it is 100% compatible via digital connection as iOS and Android systems are constantly updating. If the USB digital connection doesn't work, please use the 3.5mm to 3.5mm TRRS input (USB-C or Lightning to 3.5mm adapter may be required) to connect your device.
- BT connection is limited by distance. Please do not place the too far away from sound card to avoid interference.
- BT feature is only for accompaniment music playback.
- During using PC live streaming or inputting background music, you must turn on the "Loopback" function, Only in this way can the viewers hear the sound from your PC.
- 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 read carefully 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.



Documents / Resources

<div><div>USER MANUAL</div><div>G3</div><div>AUDIO CONSOLE</div><div></div><div>Streaming Podcast Recording</div></div>	<div>tenlamp G3 Audio Console [pdf] User Manual G3 Audio Console, G3, Audio Console, Console</div>
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References

- [User Manual](#)