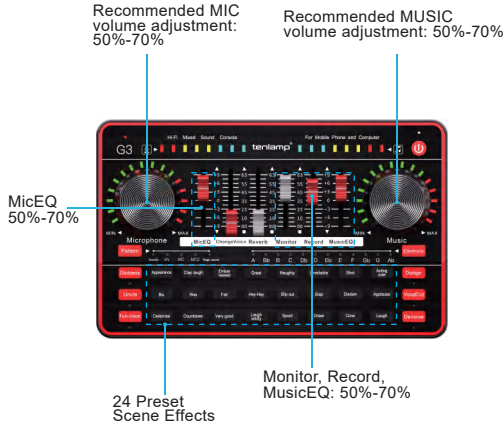
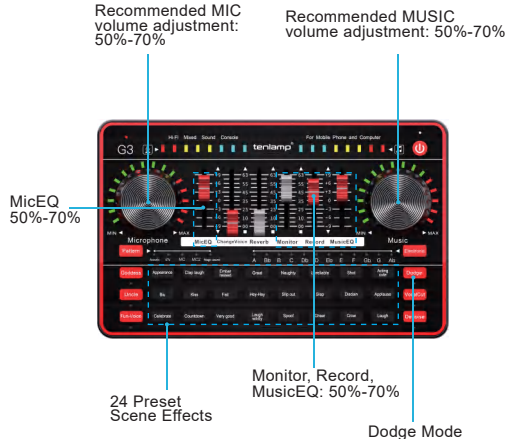


Beginner

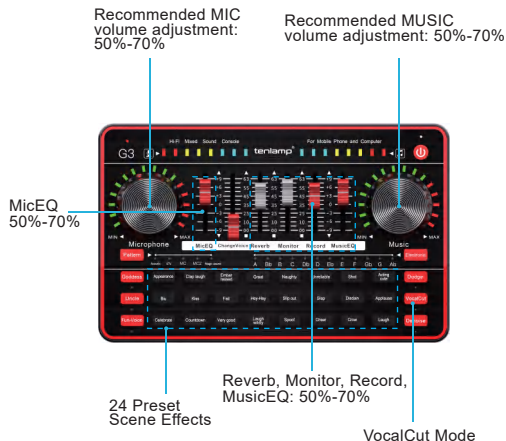


Mid term proficiency (Chat creators)



Enable the dodge function: the mixer automatically lowers the volume of accompaniment music while the streamer is speaking, and restores the accompaniment music volume when the streamer stops speaking.

Mid term proficiency (Singing creators)

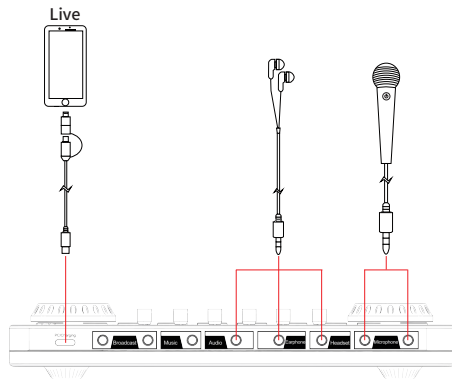


Mature period

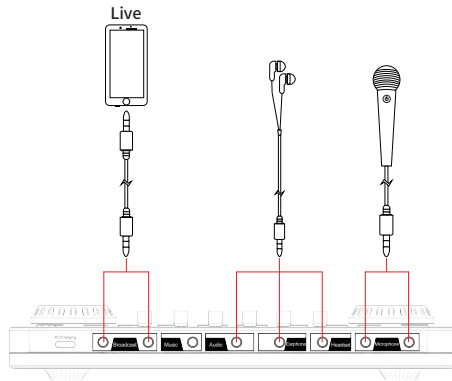


VocalCut Mode: When turned on, the mixer removes the vocal part from the accompaniment music (input from the Music port or Bluetooth), leaving only the music for easy sing-along. For PC internal music, the Loopback function must be enabled.

01 Connect to the mobile phone

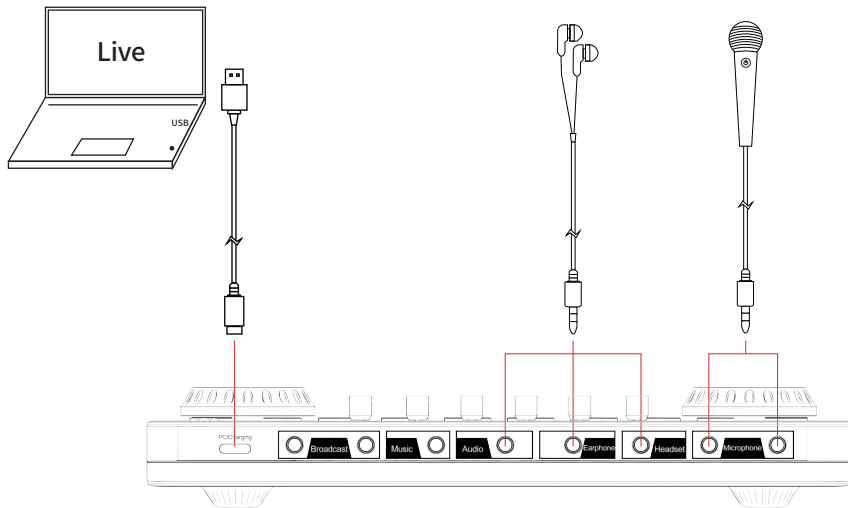


① Live streaming using OTG cable

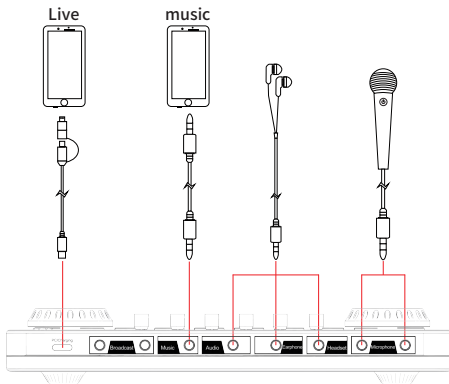


② Live streaming using 3.5 audio cable

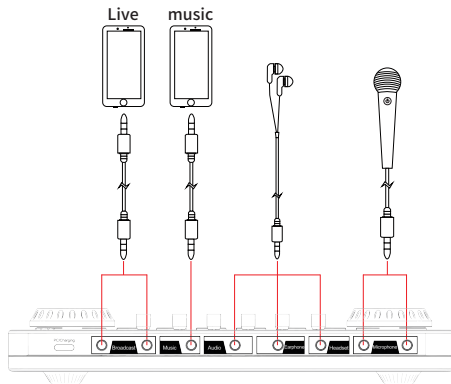
02 Connect to the computer



03 Connect two mobile phones

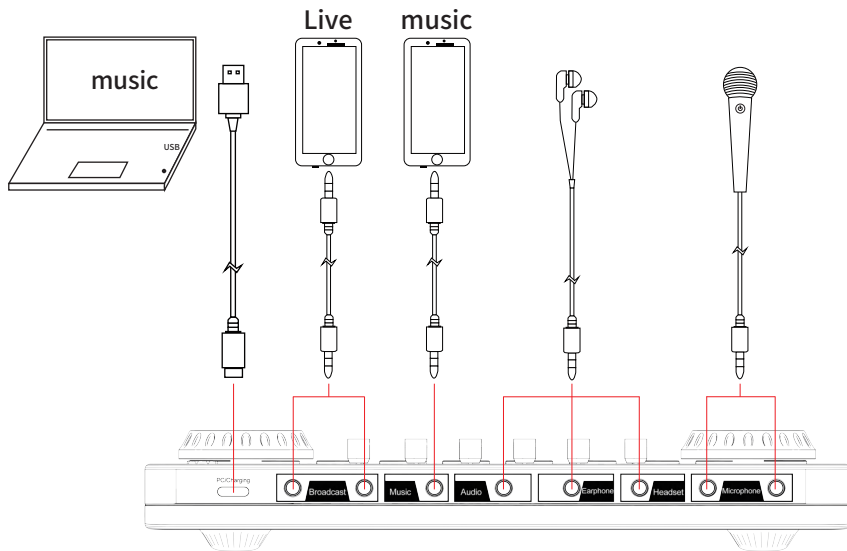


① Live streaming using OTG cable



② Live streaming using 3.5 audio cable

04 Connect with multiple devices



05 Computer connection settings

1. Connect Monitoring Headphones and Microphone to the Mixer

Follow the diagram to connect your monitoring headphones and microphone to the mixer properly.

2. LOOPBACK Function

If you're using a single PC for live streaming and want to input the system audio from the PC, enable the LOOPBACK function.

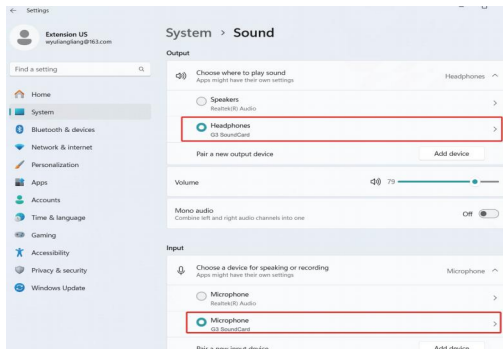
3. USB-C Connection

Use a USB-C data cable to connect the computer to the mixer. The computer will automatically detect the device.

Go to the sound settings and set the mixer as the default input and output device in both the Playback and Recording sections.

4. Software Setup

Open your streaming or recording software on the computer. Make sure that "G3 SoundCard" is set as the default audio input/output device in the software settings.



06 Introduction

The G3 Audio Mixer is a versatile and high-performance audio tool designed for live streaming, podcasting, gaming, and content creation. It supports multiple devices, including phones, computers, and laptops, allowing you to create professional-grade audio effects anytime, anywhere.

The G3 features customizable sound settings such as bass, treble, and reverb, along with 5 preset reverb modes that can be easily adjusted and saved to your personalized audio profile. Additionally, the G3 offers various voice modulation effects, including Goddess, Uncle voice, and Fun voice, adding creativity and fun to your audio. At the same time, it has 24 interactive background sound effects, such as applause and laughter, enhancing the engagement of your audience during live broadcasts.

The G3 Audio Mixer is portable, with a built-in battery for outdoor use, making it the perfect choice for content creators, streamers, and musicians who need flexibility and high-quality sound performance on the go.

Warm Tips

- Please do not charge the audio mixer while live streaming.
- Charge the audio mixer before using it for the first time.
- If not used for an extended period, please charge the audio mixer every 3 months.
- Charging is possible even when the power is off.
- Do not overcharge.
- Stop charging when the battery is fully charged to prevent overcharging.
- Bluetooth connection is limited by distance.
- Bluetooth feature is only for accompaniment music playback.

The mixer is an entertainment audio mixer with an interface and sound card, designed for live streaming, podcasting, recording, and other content creation. Its audio quality is not as professional as that of a pro mixer.

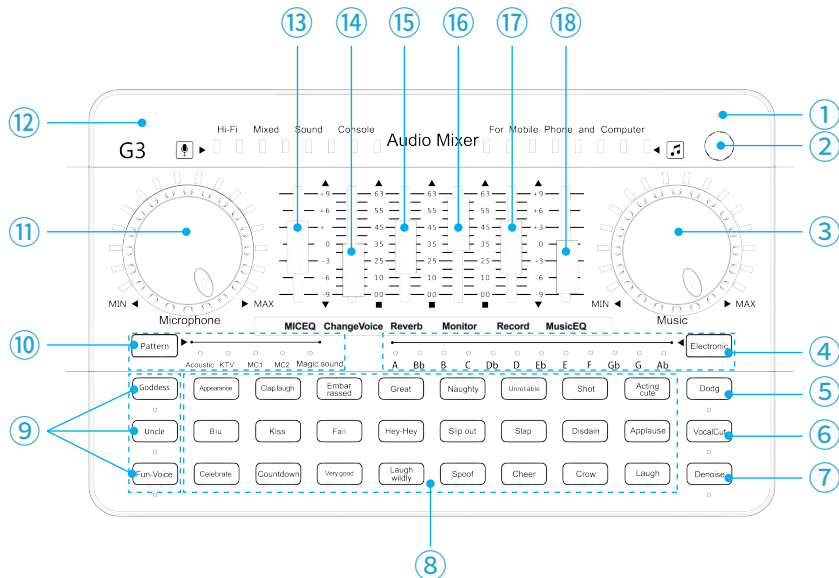
For the latest information about this product (such as setup guides, troubleshooting, technical specifications, system requirements, compatibility information, etc.), please visit tenlamp-global.com.

07 Product Specification

Basic Parameters	
Name	G3 MIXER
Dimension	L225mm*W140mm*H40mm 460g
Environment	Temperature -20°C ~ 70°C/-4°F-158°F
Battery	Lithium ion 1000mAh/3.7V (3.7Wh)
Charging	DC+5V 1A MAX
Out Power	70mW Load 32Ω (Condenser microphone)
Frequency Response	80Hz~18KHz
Reverb Processing	32Bit RISC Digital Reverb Processor
Sampling Rate	44.1kHz/16Bit
BT Version	V5.3, Compatible with Bluetooth 4.2BR1
BT Receive	<12 m (No obstacle)
S/N Ratio	>102dB
THD	<0.3% @1kHz (Live streaming)

Interfaces Parameters			
PC/Charging	Type-C OTG	Earphone port	3.5mm TRS port
Broadcast port	3.5mm TRRS port	Headset port	3.5mm TRRS port
Music port	3.5mm TRRS & TRS port	Microphone port	3.5mm TRS port
Audio port	3.5mm TRS port		

08 Button Guide(1)



09 Button Guide(2)

1. Charging Indicator Light

The red indicator light is on while charging and turns off when fully charged.

2. Power / Loopback Button

Press and hold for 3 seconds to power on/off; short press to toggle the Loopback function, which inputs the PC's internal audio, such as music, web audio, or game sounds.

Turn on LOOPBACK: Audio sent to the mixer through USB-C will be sent back to the connected USB-C device. The PC's internal audio resources (e.g., music, video, game, web audio, etc.) can be heard by the audience or recorded.

Turn off LOOPBACK: Audio sent to the mixer can be heard through monitoring headphones but will not be heard by the audience or recorded. Only microphone audio will be audible or recorded by the audience. Disabling LOOPBACK helps avoid unwanted echoes.

3. Music Knob

Adjust the input volume of music from a smartphone, PC, or Bluetooth (via OTG port, MUSIC port, or Bluetooth).

4. Electronic button (12 Auto-Tune steps)

Short press to cycle through the 12 auto-tune steps (A, Bb, B, C, Db, D, Eb, E, F, Gb, G, Ab).

5. Dodge button

Turn on/off the auto ducking microphone audio input function. When enabled, the mixer automatically

10 Button Guide(3)

lowers the volume of accompaniment music while the streamer is speaking, and restores the accompaniment music volume when the streamer stops speaking.

6. VocalCut button

When turned on, the mixer removes the vocal part from the accompaniment music (input from the Music port or Bluetooth), leaving only the music for easy sing-along. For PC internal music, the Loopback function must be enabled.

Tip: For music inputted via the Type-C/OTG port (from mobile phones or computers), please turn on the Loopback function.

Note: Some accompaniments and song tracks may vary, and the vocal part of the song may not be completely removed.

7. Denoise button

Short press to cycle through the noise reduction settings: Level 1, Level 2, and Off.

Warm Tips: After enabling noise reduction, the mixer may treat lower sound signals as noise and filter them out, which could cause your voice to sound intermittent. To avoid this, it's recommended to increase the microphone volume or speak closer to the microphone.

8. Interesting Atmosphere Sound Effect Area

9. Voice Changer button

Goddess, Uncle, and Fun-Voice; short press the Fun-Voice button to cycle through voice changer modes, including Baby Voice, Donald Duck Voice, Telephone Voice, Robot Voice, and more.

11 Button Guide(4)

10. Pattern button

Short press to cycle through the 5 preset reverb modes: Original Sound, Karaoke, MC, Sonic boom, and Magic Sound. The default mode is Karaoke.

11. Microphone Knob

Adjust the input volume of the mic (input via Headset, Microphone 1~2 ports).

12. BT indicator light

The BT button light blinks when Bluetooth is waiting for pairing and stays on when Bluetooth is successfully connected.

13. MIC EQ fader

Slide up to increase the treble effect of the microphone vocals, and slide down to increase the bass effect of the microphone vocals.

14. ChangeVoice fader

Fine-tune the current pitch effect for Goddess, Uncle, and Fun-Voice modes.

15. Reverb fader

Adjusts the reverb effect applied to microphone vocals. Sliding the fader up increases the reverb effect, making the vocals sound more spacious or echo-like, while sliding it down reduces or removes the effect, resulting in a drier, more direct vocal sound.

12 Button Guide(5)

16. Monitor fader

Adjust the monitoring volume of headphones or speakers (via Audio, Earphone, and Headset ports).

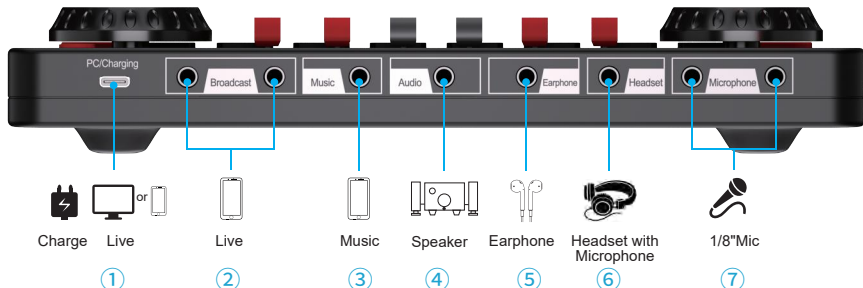
17. Record fader

Adjust the output volume(output to live streaming or recording devices via USB-C or Broadcast ports).

18. Music fader

Slide up to increase the treble effect of the singer's vocals in the background music; slide down to increase the bass effect of the singer's vocals in the background music.

Connector Guide



13 Connector Guide(1)

1. PC/Charging

TYPE-C port: Used to recharge the mixer.

TYPE-C digital transmission port: For audio signal digital connection. It can be connected to computers or smartphones for recording/live streaming, or for inputting audio resources.

NOTE: The TYPE-C to Lightning cable may not be compatible for live streaming, podcasting, or recording on iPhones via the TYPE-C port.

NOTE: The USB microphone cannot be connected to the mixer via the USB-C port.

2. Broadcast

Two 3.5mm TRRS analog ports for outputting mixed audio to smartphones, tablets, or other devices using a 3.5mm TRRS cable. Can stream to multiple devices simultaneously. Mainly used for live streaming or recording on smartphones or tablets.

The output volume is controlled by the "Record" fader.

When chatting with followers, fans, or other streamers, their voice input is received through this port. However, the volume of the other party depends on their output volume, and the mixer cannot control it. Input audio from these ports will not be recorded.

3. Music

3.5mm music input port for connecting an external audio source or device to the mixer via a 3.5mm audio cable. Use this port to play background music during streaming or recording.

Can be connected to a smartphone headphone jack or PC earphone jack.

The input volume is controlled by the "Music" knob.

14 Connector Guide(2)

4. Audio

Connect audio playback devices, such as speakers or headphones.

5. Earphone

The 3.5mm monitoring port allows real-time audio monitoring of all sound sources from the mixer. It supports mobile phone earphones (TRRS plug) and studio headphones (TRS plug).

The monitoring volume is controlled by the "Monitor" fader.

6. Headset

3.5mm TRRS port for connecting a headset with a microphone. Used for vocal input and real-time monitoring of all sound sources via this port.

The monitoring volume is controlled by the "Monitor" fader.

The input volume is controlled by the "Microphone" knob.

7. Microphone

Two 3.5mm TRS microphone ports for connecting a 3.5mm condenser microphone that does not require an external power supply.

The input volume is controlled by the "Microphone" knob.

15 Troubleshooting(FAQ)(1)

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: 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 jack position

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.

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 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 Main Output fader is turned on to the maximum;

Q: 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 Output port.
2. Check whether the Mute button is turned on.
3. Check whether the "LOOPBACK" function is enabled when streaming or recording on computers.

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 mic volume via Mic knob and Monitoring volume via Monitor Output fader;
3. Please check if Mute is enabled or if monitoring feature is disabled

16 Troubleshooting(FAQ)(2)

Q: Voice Changer effect can not be adjusted

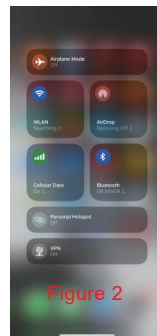
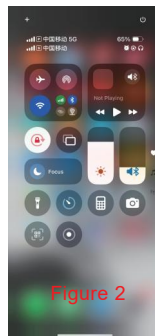
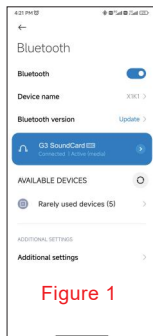
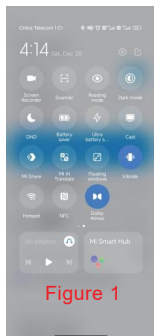
Possible solutions:

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

Q: I can't hear the accompaniment in the live stream, but I can hear it in the monitoring headset.

Possible solutions:

1. The phone might not recognize the audio interface. Unplug and re-plug the live streaming cable, ensuring a secure connection. Wait a few seconds and try again.
2. On Android, check if the headphone icon appears in the status bar to confirm the connection. (See Figure 1)
3. On iPhone, swipe down the status bar, tap the sound icon, and ensure G3 SoundCard is listed as the connected device. (See Figure 2)



17 SAFETY INSTRUCTIONS WARNINGS

To prevent fire, electric shock, or injury:

Power Supply

Use only the included 5V/1A power adapter or certified alternatives. Do not charge while operating the mixer in high-temperature environments ($>40^{\circ}\text{C}/104^{\circ}\text{F}$). Disconnect power immediately if the device emits smoke, unusual odors, or excessive heat

Battery Handling

Lithium-ion battery contained - do not disassemble, crush, or expose to liquids. Charge fully before first use (approx. 5 hours). For long storage (>3 months), maintain 50% charge level. Dispose of batteries according to local regulations - do not incinerate

Operational Safety

Keep away from water and moisture (IP rating not specified). Maintain at least 10cm clearance from other electronic devices. Do not block ventilation openings during use. Hearing Protection. Limit headphone volume to $<85\text{dB SPL}$ for extended use. Discontinue use if experiencing hearing discomfort or tinnitus

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference,
(2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



Product Name: G3 MIXER

Support E-mail: shizhandeng2014@163.com

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