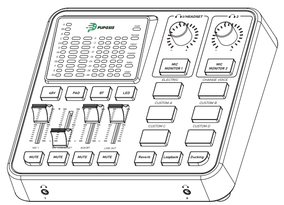
尺寸：96x140mm

PUPGSIS T12



Manual User

PUPGSIS

Contact us

To get technical support please scan the QR code

Technical Support:
support@PUPGSIS.com
WWW.PUPGSIS.COM
https://www.youtube.com/@PUPGSIS-AUDIO
(626)219-0110

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Descriptions and Accessory Lists

The PUPGSIS T12 Gaming Audio Mixer represents the latest advancement in the esteemed PUPGSIS series Boasting a captivating RGB lighting design, the PUPGSIS T12 only delivers exceptional audio performance but also adds a visually striking element to your gaming and streaming setup.its compact design ensures a seamles sintegration into your workplace.

We have reengineered the I/O configuration to enhance compatibility and performance specifically with PCs，With its XLR input featuring built-in phantom power and premium preamps, the T12 allows you to effortlessly connect your preferred XLR condenser or dynamic microphone,ensuring professional-grade audio capture.

Whether you opt for Bluetooth connectivity or the 3.5mm AUX input, the T12 provides versatile accompaniment options, catering to your specific needs. Further-more, the inclusion of Change voice presets,Electric, reverb, and four customizable sound pads empowers you to elevate your gaming and content creation endeavors, enabling a more immersive and engaging experience.

Accessory List

- PUPGSIS T12 Gaming Mixer
- USB Cable
- 3.5mm TRS Audio Cable
- User manual

Applications

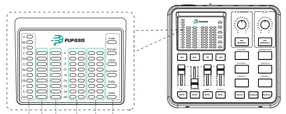
Podcasting, recording, and streaming on computers, tablets, and smartphones. Compatible with mainstream recording and streaming software.

Specifications

Data Connectivity	USB-C	Power Input	5V/1A
Frequency Response	20Hz-20KHz	THD	<0.05%
Headphone Output	20mW,32Ω	Sample Rate	44.1KHz/16bit
Wireless connectivity	5.3	Dimension	L165*W150*H49
SNR	85dB	Gain Range	55dB

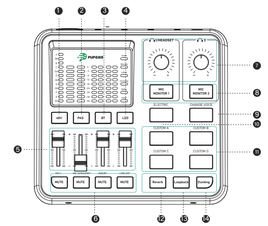
Function Introduction

Display Screen Description



1. Display the level of the MIC 1
2. Display the level of the MIC 2/HEADSET
3. Display the level of the AUX/BT
4. Display the level of the LINE OUT
5. Short press Electric button to switch, corresponding indicator will be lighted up.
6. Short press Change voice button to switch, corresponding indicator will be lighted up.

Operations and Functions of Buttons



All function buttons have a memory feature, except for the Bluetooth button and mute button. When the mixer is powered on again, they will stay in same status before it power off.
When the functions on the mixer are activated, the button shows white light. when the function are off, the button shows RGB light or no light. (RGB function excepted)

1: 48V

Operation: Short press to turn on or off the 48V phantom power.
Functions: This button controls the phantom power of XLR microphone input. When the button is turned on, the LED indicator turns white. Whether to turn on phantom power depends on the type of XLR microphone you are using. In most cases, only XLR condenser microphones require phantom power to function. If your microphone does not require phantom power, turning it on may damage it. Long press the 48V button, the gaming mixer returns to factory settings.
Tip: If you don't know what type of microphone you have, please contact your microphone manufacturer for confirmation.

2: PAD

Operation: This feature is turned on by default, and the white light remains constantly lit. Short press to turn on/off the PAD button. Only support for mic 1
Function: Activating the PAD button reduces the gain to avoid distortion of the microphone sound caused by excessive gain. You can flexibly decide whether or not to activate the PAD button depending on the sensitivity of the microphone. It is recommended to activate the PAD button when using a high sensitivity condenser microphone.
Tip: After adjusting the gain, you can further optimize the sound by adjusting the microphone volume slider.

3: BT

Operations:
(1)After the mixer is powered on, the Bluetooth indicator light will flash, and the mixer will actively search for and connect to the paired mobile device. Once the connection is successful, the white light will remain on. When using the sound card for the first time, You need to manually connect the Bluetooth "PUPGSIS T12" on your phone.
(2)Short press the button to turn on/off the Bluetooth.
(3)Long press and hold the Bluetooth button for more than 2 seconds can clear pairing information and reconnect.

4: LED

Short press LED button to switch the RGB lighting modes. There are a total of 10 types of lighting changes.
Long press to turn off the RGB mode. Short press to restart.

5: Volume Faders

Individualy increase or decrease the voulume of MIC 1, MIC 2/Headset'microphone, AUX/BT, LINE OUT
NOTE: AUX/BT volume fader controls the volume of audio input from USB-C input port, 3.5mm accompaniment input and Bluetooth input. To have more precise control, we recommend only using one type of accompaniment at a time.

6: Mute Buttons

Short press to individually mute MIC 1, MIC 2/Headset's Mic, AUX/BT, LINE OUT channel. Short press again to unmute.

7: Monitor Headphone Volume Knobs

Knob 1 control the monitor volume of the 🎧1 / headset.
Knob 2 control the monitor volume of the🎧2.

8: MIC MONITOR 1/2

(1)When you are monitoring via the 🎧1 or the headset, if you only want to turn off the monitoring for the microphone, please short press MIC MONITOR 1.
(2)When you are monitoring via the🎧2, if you only want to turn off monitoring for the microphone, please short press MIC MONITOR 2.
(3)Short press the corresponding button again to restore monitoring for the microphone.

9: CHANGE VOICE

Operation: Short press to turn on the "Change Voice" function. Short press to switch. Long press to turn off voice change mode.
Functions: This feature adds pitch-changing effects to the microphone input. There are 6 voice changing modes: Male, Female, Robot, Monster, baby and older. The indicator light for the selected voice change lights up on the screen.

10: ELECTRIC

Short press to turn on, short press to switch and the corresponding indicator on the display will light up. There are a total of 12 types of auto tone.Long press to turn off the electric mode.
NOTE: Electric tone, Change Voice and Reverb modes can't be used at the same time.When you use Electric tone, you can't use another two.

11: Custom Soundpad Buttons

Function: There are four buttons for customized recording, each of which can be recorded up to 25 seconds. Customized recording audio can be originated from computer playback, microphone or line in recording.
Operation:
Recording Steps: Long press and hold the button until the button white light flash, It means that recording starts. Keep pressing and holding the button to record. When you release, the recording is over.(the recording will be automatically end if the white light stop flashing)
Playback Steps: Short press the button to play. If the white light flashes, it indicates that the customized recording audio is playing. If not flash, it means there is no recorded audio available for playback. While playing, you can stop the playback by briefly pressing the button.
Clearing Recorded Sound: Press and hold the previously recorded custom key for 3 seconds.The previously recorded audio is cleared when the button is released.

12: Reverb

Operation: Short press to turn on the reverb, short press to turn it off.

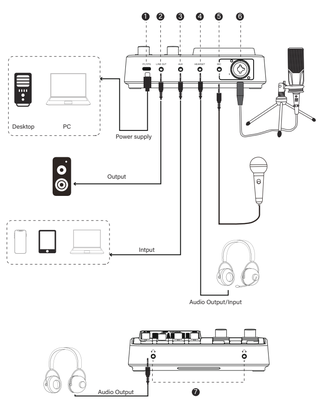
13: Loopback

The Loopback is turned off by default. Its feature is enabled, the audio sent to the device via USB will be sent back to the USB connected device; if it is disabled, the audio sent to the device can be heard through the headphones, but will not be recorded. Turning off this feature can avoid unwanted echos

14: Ducking

Operation: Short press to turn on/off the ducking function.
Function: When you start speaking, the ducking feature automatically lowers the background music volume, making your voice stand out in streaming and podcasting.

Function Introduction of Interfaces



1: OTG/PC

Power Supply-Connect the mixer with your computer or Android phone (including i-phone15)for power up via included USB cable. When the buttons and indicators lighted it up means that the mixer powers on.

2: LINE OUT

Connect to 3.5mm speaker for audio output.(It is not suggested to connect headphones,the audio may be very low)

3: 3.5mm Aux in

Use a 3.5mm TRS to TRS audio cable to connect an external audio source. It allows you to easily play background music during streaming and recording sessions.

4: 3.5mm Headset Jack

Supports cell phone headsets (3.5mm TRRS plug), studio headphones (3.5mm TRS plug).If you have a headset with a microphone, you can use it not only for monitoring, but also as a microphone for talking.

5: 3.5mm MIC 2

Support 3.5mm condenser/lavalier/dynamic microphone.There is no need to turn on 48V phantom power when using the MIC 2 interface.

6: MIC 1: combo XLR/TRS/TRRS microphone interface

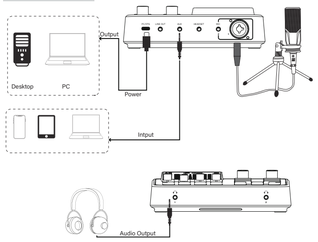
Supports XLR dynamic/condenser microphones.
Supports 1/4(6.35mm) TRS or TRRS dynamic microphones.
NOTE: 1. 48V phantom power needs to be turned on when using XLR condenser microphones.
2. If you choose use the condenser microphone,In order to avoid microphone distortion we suggested you turn on the PAD button(the white light is on). And let you have a good experience,you should balance adjust the MIC 1 volume slider fader.

7: 3.5mm Headphone 1/2

Supports cell phone headsets (TRRS plug), studio headphones (TRS plug). These two ports only support monitoring functionality. If you need to use the microphone of the headset, please connect it to the "HEADSET" Jack

Setup Guide

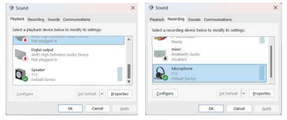
1. PC Streaming



1.) Connect the accompaniment source (mobile phone), headphones, and microphone to the sound card as shown in the figure.

2.) Use the included USB-C data cable to connect the computer and the PUPGSIS T12. The computer will automatically recognize the device and install the driver.

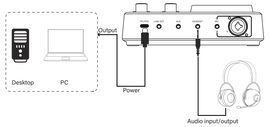
3.) Enter the sound control panel of Windows, and set the "PUPGSIS T12" as the system default playback and recording device in "playback" and "recording".



4.) Open the streaming or recording software on your computer, and confirm "PUPGSIS T12" is set as default audio recording and playback device.
Tips: Connecting your Gaming PC's audio output to AUX port with a 3.5mm cable then connecting your Streaming PC with USB-C will allow a Dual PC streaming setup.

2. Record and Monitor by HEADSET

The mic of headset inputs recording into the mixer, and the mixer outputs audio to the headphones of headset. Suggested to game voice,game commentary, etc.



Computer Set-Up

Apple MAC OS

Hook up the mixer to Mac. When the buttons and indicators lighted up means that the mixer powers on. Your Mac will automatically install the driver of the mixer. There may be no pop-up message reminding this process though.
1:Go to the System preference



2:Click"Sound"to display sound preference pane.



3:Click the input tab and make certain "PUPGSIS T12" is selected as the default input device. (If you need to adjust the volume of input.push up or down Mic or Line in channel volume slider fader on mixer.)



4:Click the Output tab and make certain "PUPGSIS T12" is selected as the default output device. (If you need to adjust the volume of output, push up or down Headphone or Line Out channel volume slider fader on mixer.)



Windows

Hook up the mixer to computer. When the buttons and indicators lighted up means that the mixer powers on. Your computer will automatically install the driver of the mixer. There may be no pop-up message reminding this process though.

Input Settings

1:Right click the speaker icon at the bottom right of the screen.Click"Open sound settings"



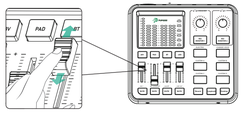
2:Click "sound"control pane



3：Click the Recording tab, and choose"PUPGSIS T12" as the default device. When input device comes sound, the volume meter will turn green and bounce.If it remains unchanged, please reset the computer and replug input device in mixer.



4:If you need to adjust the volume of input,push up or down Mic or Aux/BT channel volume slider fader on mixer.

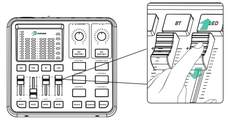


Output Settings

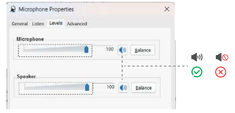
1.Click the Playback tab, and choose "PUPGSIS T12" as the default device. When you playback audio, the volume meter will turn green and bounce. If it remains unchanged, please reset the computer and replug the headphones or output device in mixer.



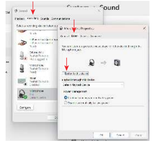
2.If you need to adjust the volume of output, push up or down Headphone or Line Out channel volume slider fader on mixer.



3.Tips:(Applicable for Mac and Windows)
[1]. Check if your microphone is turned on. Make sure that the Mic Channel volume of mixer is not to zero or not in mute state before recording.
[2]. Make sure that the Headphone or Line out Channel volume of the mixer is not to zero, or Line Out Channel not in mute status before listening audio.
[3]. Make sure the Speaker and the Microphone are active under the Levels tab.



4.If the computer prompts that it's unable to identify this USB devices please restart computer and replug the mixer in other USB port.
5.If your computer runs windows, when you are using any recording software (such as Audacity) or chatting software (such as Skype),please click the "Recording" tab and click the PUPGSIS T12-Properties-Listen -check off the box "Listen to this device"-Apply. Or you would hear double audio just like echo.



SOFTWARE SETTINGS(Recording&Broadcasting)

Recording software settings

· Takes Audacity for example
1.Please select "PUPGSIS T12"as the input device from settings



2.Please select "PUPGSIS T12"as the output device



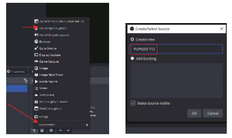
3. If you need to monitor during recording, please ensure that the Mic Monitor of Headphone channel is turned on.(White light means Mic Monitor off).
4. Make sure to check off the box "Listen to this device" from the sound system when you are using any recording software, or else you would hear duet of yourself just like too much echo.

NOTE: If the recording software (such as Audacity) doesn't recognize the mixer, please log out the software first, replug the mixer in the computer, and then launch the software again. Then the mixer will be in the drop down option of input and output device.

Broadcasting software settings

· Takes OBS for example

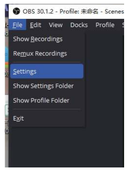
1、Click the "+"button under "Sources"panel,Choose "Audio Input Capture" to add a source,enter the name of the source,then to "OK"

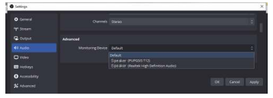


2、Select "PUPGSIS T12"as input device under "properties"window,and then click "OK"



3、If need to monitor,click "File",and the "Settings"
Choose "Audio"and find "Advanced"Set "PUPGSIS T12"as the monitoring device. and then"OK".





Troubleshooting

I.Excessive Buzz and Noise

1.Check to make sure all outlets are wired correctly
2.Keep audio cables away from power adapters and power supplies
3.Reconnect accessible devices to the mixer
4.Check if the cables of the microphone or other equipment are worn out, or replace them with new cables.

II.Microphone Sound Distortion

1. Please confirm your microphone type, if you don't know you can contact your microphone dealer.
2. If it is a condenser microphone, please short press to turn on the PAD button (white light is always on) and adjust the volume fader of mic 1 appropriately.
3. If it is a dynamic microphone, please short press to turn off the PAD button (the white light is off) and adjust the volume fader of mic 1 appropriately.

III. Unable to Hear the Microphone

1. Please confirm your microphone type, if you don't know you can contact your microphone dealer.
2. If the microphone needs 48V fantasy power supply, please plug the microphone into the XLR hole, short press the 48V button (the white light is always on, indicating that the 48V has been turned on) and adjust the volume fader of mic 1 and the volume knob of the monitor headphone appropriately. (Note: knob 1 controls the monitoring volume of 🎧1 and headset, knob 2 controls the monitoring volume of 🎧2)
3. If the microphone is a dynamic microphone, please short press the PAD button to turn it off (white light is off) and adjust the volume fader of mic 1 appropriately.
4. Ensure that the microphone channel is not muted (the white light is always on) .
5. Make sure that the microphone monitoring is turned on. (White light is always on, meaning that microphone monitoring is off)
6. Make sure that the outputs and inputs are turned on in the computer settings and that "PUPGSIS T12" is selected as the input and output device.

IV. Problems Encountered When Using The Headset

1. The headset should be connected to the headset port of the mixer.
2. If you want to adjust the microphone volume of the headset, please push up or down the volume fader of mic 2. Short press the mic 2 mute button to mute the microphone sound of the headset.
3. If you want to adjust the headset's monitor volume, please adjust the volume knob 1. Short press the MIC MONITOR 1 button to mute the headset's microphone monitoring.

V. No sound from the external audio source

1. Ensure that the external audio source is connected to the AUX input or Bluetooth.
2. Check the AUX volume fader and slide it upward to gradually increase the volume.
3. Verify that the volume of the audio input device is turned on.

VI. No sound from the headphones

1. Check which headphone jack the headphones are plugged into.
2. Check the Headphone volume knob and turn it to the right to gradually increase the volume. The first knob controls the monitor volume for 🎧1 headset, and the second knob controls the monitor volume for 🎧2.

VII. No sound during live streaming

1. Check if the "PUPGSIS T12" is set as the default playback and recording device in the streaming software.
2. Check if the microphone permission of the streaming software is turned on.
3. If an adapter is used to connect the streaming equipment, please use the official adapter of the streaming equipment brand to ensure compatibility.

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
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.

IC Caution

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2)This device must accept any interference, including interference that may cause undesired operation of the device.
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux
CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1)L'appareil ne doit pas produire de brouillage;
2)L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
Le matériel a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences.Le dispositif peut être utilisé dans des conditions d 'exposition portables illimitées.

IMPORTANT NOTICE

· When you charge to supply power for the mixer, please do not use it under fire or high temperature condition.
· Do not attempt to disassemble the product without authoritarian.which may affect the product use.
· Make sure use the mixer with compatible devices for better recording experience.
· When connecting external devices, carefully plan how the wires will be placed. Protect any connected cables from being pinched.
· When unplugging any connected devices or cables, please pull on their plugs or connectors. Don't forcefully tug on its cable.
· Don't place any heavy items on top of the mixer.

Made in China

Product Name: Gaming Mixer Trademark: Pupgsis

EC REP
DEAEON GmbH
Frankenstraße 29, 20097, Hamburg Germany
support@pupgsis.com

shenzhenshichangjiajiakejiyouxiangongsi
shenzhenshilonggangqubantianjiedaobanxuegangdadao163hao, linghangyuangongyequKdong310,shenzhen, guangdong, 518104, CN

Product Name: Gaming Mixer Trademark: Pupgsis

UK REP
APEKS Consulting Ltd.,
GF Office, 46 Boss Hall Rd Business Park, Ipswich, UK, IP1 5BN

shenzhenshichangjiajiakejiyouxiangongsi
shenzhenshilonggangqubantianjiedaobanxuegangdadao163hao, linghangyuangongyequKdong310,shenzhen, guangdong, 518104, CN

Final clause:
Information and date contained in this manual are subject to change without notice in advance.
We frequently update product firmware to improve user experiences and performance.
The status display and operations may be slightly different among different firmware versions.
For latest user manuals, please access on https://www.pupgsis.com.