

Live Broadcast Sound Card

User Manual



Thank you for your purchase!

Before starting your sound card experience, please read the manual carefully and keep the manual properly to ensure the correct use of this product. This manual's picture is just for your reference. If the product you purchased does not involve certain accessories or functions, please refer to the actual product.

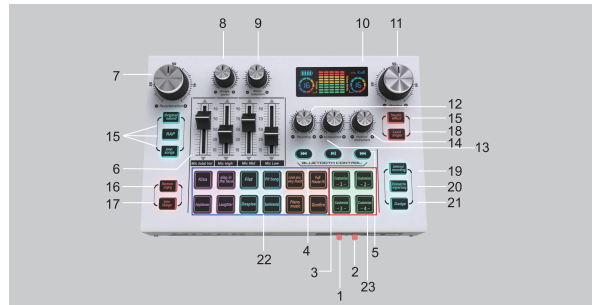
Product Feature

- Compatible with smartphones, tablets and computers.
- With 48V phantom power and support XLR microphone.
- Preset 12 sound effects and 4 customize sound button.
- Made of metal material to deliver clearer sound quality.
- 16 levels of noise reduction and dodge speed adjustment, and the LCD display will show the levels.
- The X7 is equipped a 3000mAh rechargeable battery and can last about 8 hours, convenient for outdoor live broadcast.
- Separate control of microphone volume and accompaniment volume.
- Real-time headphone monitoring, simultaneously listening and recording.

Package List

Sound Card	*1
3.5mm TRRS Audio Cable	*1
USB-A to USB-C Cable	*1
User manual	*1

Top Panel Introduction



1.Power Button

Press and hold for 3 seconds to turn on/off the podcast console. (The power button will turn red when turning on)

2.48V Phantom Power Switch

Power supply for 48V XLR microphone jack. Enable 48V power supply function. How to use it: Press and hold for 3 seconds to turn on the podcast console, and then press and hold for 3 seconds to turn on the 48V switch. (The 48V power button will turn red when turning on)

3.Play/Pause Button & Bluetooth Disconnection/Connection Button (Bluetooth Name: X7 Music)

3.1Play/Pause: When playing music, short press this button to pause or play the music.

3.2 Bluetooth Disconnection/Connection: After connecting your device (Such as smartphone) to the podcast console via Bluetooth, you can long press this button to disconnect the Bluetooth connection, and if you long press this button again, the Bluetooth connection will work.

4.Previous Track

5.Next Track

6.Microphone Volume/Low/Medium/High Key

Slide the control fader to adjust the volume, bass, midrange and treble of the microphone.

7.Reverberation Effect Knob

Rotate the knob to adjust the reverb effect.

8.Dodge Speed Knob

Rotate the knob to adjust the auto ducking levels. Total 16 levels for adjustment. Note: Adjust the ducking effect after enabling the ducking function (Dodge button).

9.Noise Reduction Knob

Rotate the knob to adjust noise reduction levels. Total 16 levels for adjustment.

10. LCD Display

10.1 Dodge Speed Level

It will show the current level of the dodge speed. Total 16 levels for adjustment.

10.2 Noise Reduction Level

It will show the current level of the noise reduction. Total 16 levels for adjustment.

10.3 Battery Level

It will show the current battery level of the podcast console.

10.4 Bluetooth Connection Status

This icon will blink if the Bluetooth connection is not successful, and it will stop blinking if the Bluetooth connection is successful.

Bluetooth Connection:

- Turn on the podcast console and the Bluetooth icon will blink.
- Search for the device in the Bluetooth menu of the phone, find the Bluetooth device "X7 Music" and connect it.
- The Bluetooth icon will stop blinking after successful connection.

11.Monitoring Volume Knob

Rotate the knob to adjust the monitoring volume.

12. Recording Volume Knob

Rotate the knob to control the volume of sound output to the live broadcast.

13. Accompaniment Volume Knob

Rotate the knob to adjust the accompaniment music input volume.

14. Musical Instrument Volume Knob

Rotate the knob to adjust the input volume of musical instrument device.

15. 4 Preset Reverb Modes

Short press the corresponding button to enable the corresponding reverb effect. The light of corresponding button will blink when turn on the function.

Note: The original sound mode has no reverb effect.

16. 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). The light will blink when turning on this function.

Note: If need exit this mode, please short press other sound modes (Original sound, RAP, pop songs).

17.Voice Changer Button

Short press the button to switch cyclically 4 voice changer modes (Female voice, Male voice, Children voice, Magic voice). The light will blink when turning on this function.

Note: If need exit this mode, please short press other sound modes (Original sound, RAP, pop songs).

18. Lead Singing/Accompaniment Mode

This button sets two modes: Lead singing mode and accompaniment mode, you can short press this button to switch them. The light will blink when turning on this function.

18.1 Lead Singing Mode: You can hear the original singer, accompaniment and the sound of microphone in the monitoring headphones for the first 60 seconds, and after 60 seconds only hear the accompaniment and the sound of microphone.

18.2 Accompaniment Mode: There is the original singer throughout in the monitoring headphones, but there is no original singer in the recording or live broadcast room, only the accompaniment and the sound of microphone.

Note:

-Lead singing function only works when your mobile phone is connected to the podcast console via Bluetooth.

-Please try to use genuine stereo sound sources, because some of the accompaniments are different from the song tracks, so the original vocals may not be clearly removed.

19. Loopback Feature

Short press this button to turn/off this function. The light will blink when turning on this feature. The user can control whether the background music be route to the live streaming or not when playing the accompaniment from the computer. When turning on (The light will blink), the computer music is input to the live broadcast room, and vice versa. No matter whether this function is triggered or not, the computer music can always be heard from monitor headphones.

Note: This button will auto turn on when turning on the podcast console. (It is not recommended to turn off this feature)

20. Silencing Original Button

Short press this button to turn on/off removing vocals function. The light will blink when turning on this function, it will remove 85% vocals part of current accompaniment song, remain accompaniment part, and the button light will blink when on.

Note: When turning on the Eliminate the original song function, different songs have different muting effects.

21. Dodge Button

Short press the button to turn on/off auto ducking function. The light will blink when turning on this function, it will automatically lower the volume of background music when you are speaking, highlighting your voice, and the background music will play again when you stop speaking.

22.Preset Sound Effects

There are 12 preset sound effects and you can press the corresponding button to trigger the sound effect. The light of corresponding button will blink when turn on the function.

23.Custom Sound Effect

There are 4 customized buttons which can be recorded any sound effect users want. Total 3 methods for recording.

Method 1: Recording Via Bluetooth Connection

- Turn on the podcast console and connect your external audio input device (Smartphone, PC, iPad, etc.) to the podcast console via Bluetooth.
- Hold and press any custom buttons and play the sound effect you want. Audio input will be recorded and save. Release the button to end recording (Each button can be recorded for up to 10 seconds)

Method 2: Recording Via Microphone Interface

- Turn on the podcast console and connect your microphone to the podcast console via the Microphone interface.
- Hold and press any custom buttons, and play the sound effect you want. Audio input will be recorded and save. Release the button to end recording (Each button can be recorded for up to 10 seconds)

Method 3: Recording Via Accompaniment Interface

- Turn on the podcast console and connect your external audio input device (Smartphone, PC, iPad, etc.) to the podcast console via the accompaniment interface.
- Hold and press any custom buttons, and play the sound effect you want. Audio input will be recorded and save. Release the button to end recording (Each button can be recorded for up to 10 seconds)

Note: If you want to record other sound effects, just need to long press this button to record again.

Rear Panel Introduction



1.Factory Reset Function

2.Power charging port for the podcast console.

3.Power Charging Indicator

It will turn red when charging the podcast console.

4. OTG:

USB-C port; Data interface port, can be used for audio data communications with computer and mobile devices, for audio signal line out/in, can be connected to PC/mobile devices for recording/live streaming/podcast. The input volume is controlled by "Accompaniment" knob. The output volume is controlled by "Recording" knob. Note: Adjusting accompaniment volume inputted through the USB-C port (From mobile phones and PC) requires enabling Loopback function (internal recording button)

5. Live Streaming

Two 3.5mm TRRS analog output ports. The mixed audio can be output to the smartphone, tablet or other devices through a 3.5mm TRRS cable. The podcast console provides 2 interfaces with same function, which can live stream to multiple platform at the same time.

6. Accompaniment

3.5mm music resources input port. Connect an external audio source or devices to the podcast console via a 3.5mm audio cable to play the background music during streaming or recording. Can be connected to the smartphone 3.5mm jack, PC earphone jack. The input volume is controlled by "Accompaniment" knob.

7.Headset Interface

It can be connected to a headset with a 3.5mm headphone jack. Controlled by "Monitoring" knob. Note: If you want to connect it to a karaoke machine, you can connect it via this interface to the AUX IN interface on karaoke machine.

8. Microphone Interface

3.5mm TRS microphone port, Connect a (XLR to 3.5mm) condenser microphone. Controlled by "Total Mic Volume" knob.

9. Musical Instrument

6.35mm port, Connect 6.35mm musical instrument devices. Controlled by "Musical instrument" knob.

10. 48V XLR Mic Interface

48V condenser microphone input port. If you want to use this function, you need to turn on the 48V phantom power button. The input volume is controlled by "Total Mic Volume" knob.

Connection Guide

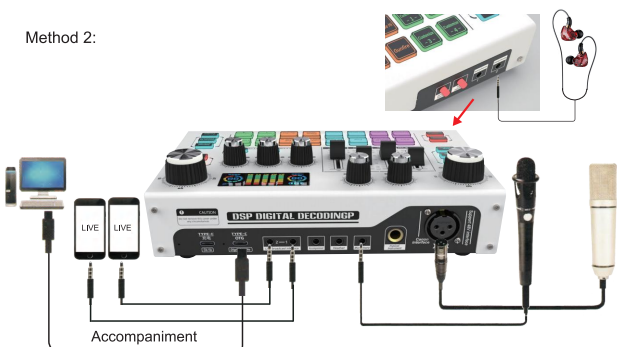
- Live streaming on mobile phones

Method 1:



- Turn on the podcast console and connect the live streaming mobile phone (If you only have a phone, you can choose live port 1 or 2), accompaniment mobile phone, monitoring headphone and microphone to the podcast console as shown in the picture.
- Open the live streaming app on smartphone.
- Open the accompaniment app on the computer for accompaniment and start live streaming. (If you don't want to use the computer for accompaniment, you can also connect the phone for accompaniment via the OTG interface)

Method 2:



- Turn on the podcast console and connect the live streaming mobile phone (If you only have a phone, you can choose live port 1 or 2), accompaniment mobile phone, monitoring headphone and microphone to the podcast console as shown in the picture.
- Open the live streaming app on smartphone.
- Open the accompaniment app on the computer for accompaniment and start live streaming. (If you don't want to use the computer for accompaniment, you can also connect the phone for accompaniment via the OTG interface)

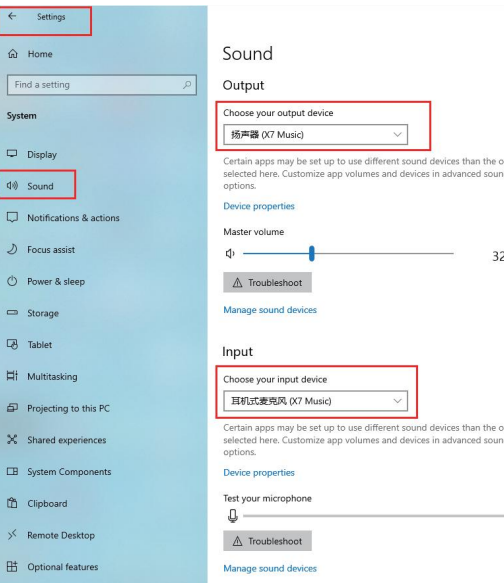
Note:

- Since some smartphones do not have a 3.5mm jack, a USB C/Lightning to 3.5mm audio adapter is required.
- Please purchase the USB C/Lightning to 3.5mm audio adapter from the phone manufacturer.
- Please use 2 devices to do live streaming (One for streaming and the other for accompaniment), do not only use a device, otherwise some functions can not work.
- 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.

2.Live streaming on computer



- Turn on the podcast console and connect the computer and other devices to the podcast console as shown in the picture.
- The computer will automatically recognize the podcast console and select the driver. Enter the sound setting panel of computer, and set the "X7 Music" as the system default input and output device. (Please set it as shown in the picture below)

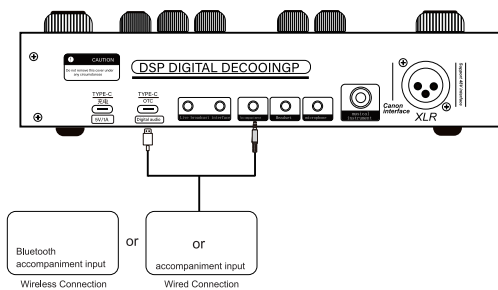


- Open the live streaming software on your computer, and confirm "X7 Music" is set as default audio input/output device in the software settings.

Note:

Please turn on the "LOOPBACK" function (internal recording button) when during live streaming.

Accompaniment Music Input



Note:

- Bluetooth connection is limited by distance (10 meters), please do not place the too far away from podcast console.
- Be far away from strong signal interference place.

Product Specification

Model	X7
Dimension (L x W x H)	210*138*60mm
48V microphone interface	XLR interface
Microphone interface	3.5mm
Headphone jack	3.5mm
Live broadcast interface	3.5mm
Musical instrument interface	6.35mm
Headphone interface	3.5mm
Accompaniment jack	3.5mm
Live broadcast interface	3.5mm
Charging interface	Type-C
OTG interface	Type-C
Signal-to-noise ratio (D/A)	108dB
Dynamic range (D/A)	108dB
Total harmonic distortion (D/A)	-92dB
Signal-to-noise ratio (A/D)	102dB
Dynamic range (A/D)	102dB
Total harmonic distortion (A/D)	-90dB
Battery capacity	3000mAh
Rated input	DC 5V/1A
Power Consumption	450mAh

Troubleshooting

- The power indicator light does not light up after the device is turned on. Please check whether the device has enough power, please charge it and try again.

- The device does not work when it is turned on. Please check if all cables are connected correctly.

- There is noise or no sound when using headphones/headsets/speakers.
 - Please try to unplug the headphones/headset/speaker again or plug in the headphones/headset/speaker first and then turn on the phone.
 - Please check whether the monitoring switch is on.
 - Please change the headphones/headset/speaker and try again.

4. Hear noise or current during live broadcast.

- When broadcasting live on an Apple mobile phone, you can turn off monitoring and appropriately lower the volume of your mobile phone.
- Check that all cables are fully inserted or try to remove and insert the cables again.
- Lower the microphone volume appropriately.
- Check if there are other devices or signal interference nearby.

- Unable to transmit audio with live broadcast devices such as mobile phones.
 - Check whether the USB, 3.5mm and other live broadcast cable connections are normal.
 - Check whether the recording on your phone or computer is turned on or is smaller.

6. Unable to monitor microphone sound.

- Check whether the microphone volume is low/check whether monitoring is on.
- Check whether the microphone or headset connection is normal.

7. No sound when playing music.

- Check whether the mobile phone playback is normal/check whether the connection with the mobile phone is normal.
- Check whether the headphone or headset connection is normal/check whether the monitoring or accompaniment is turned on.

8. No sound from instrument input.

- Check whether the connection to the instrument is normal/check whether the headphone or headset connection is normal.
- Check whether monitoring is on/check whether instrument input switch is on.

9. No reverberation effect for monitoring or recording.

- Check whether the sound effect is correct (There is no reverberation effect in the original sound.state, and the reverberation is small in the hosting state)
- Check if reverb is lowest.

10. Bluetooth not paired.

Check if Bluetooth is on/Check if Bluetooth is connected to other devices.

11. The computer cannot recognize the sound card.

- Connect the sound card to the computer and restart the computer
- Replace the USB interface and reconnect/replace the USB cable and reconnect.

Precautions

- When the device shows low battery, please charge it as soon as possible. For the normal use and safety of the device, it is not recommended that users use the sound card while charging.

- When the battery is low or the computer is used for live broadcast, a weak current interference sound may occasionally occur, which is a normal current fluctuation phenomenon.

- When Bluetooth is not in use, turn off related functions or interfaces to save sound card power.

- If you encounter broken sound or howling, please appropriately lower The microphone or live broadcast volume on the sound card to achieve the best effect.

- When there is interference from other devices around you, there will be a current sound during live broadcast or monitoring.

- If some laptops are charged with an external power supply, there will be a current sound when using the computer live broadcast or accompaniment function. You can unplug the charging power supply and try again.

- Some Apple mobile phones will produce electric current sounds when recording, so you should try to use Apple's original audio cable.

- Please use the cables we provide and connect the devices according to our correct markings.

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, and (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.

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