

# User Guide



**KS108**

**USB Sound Card  
Online singing device**

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## OVERVIEW

### Introduction

Thank you for buying this KS108, one of the XOX versatile sound cards. You now have a simple and compact solution for high-quality music enjoyment, recording, online chatting and even the karaoke system.

The XOX KS108 sound card provides up to 16 types of digital reverb FX with the built-in DSP chip. All the function and FXs can be realized on the operation of the body of the device. It also provides a plug and play interface to connect iOS/Android systems of smart phone and tablet. This singing device applies to all the popular systems, including Windows, LINUX, and MAC OS.

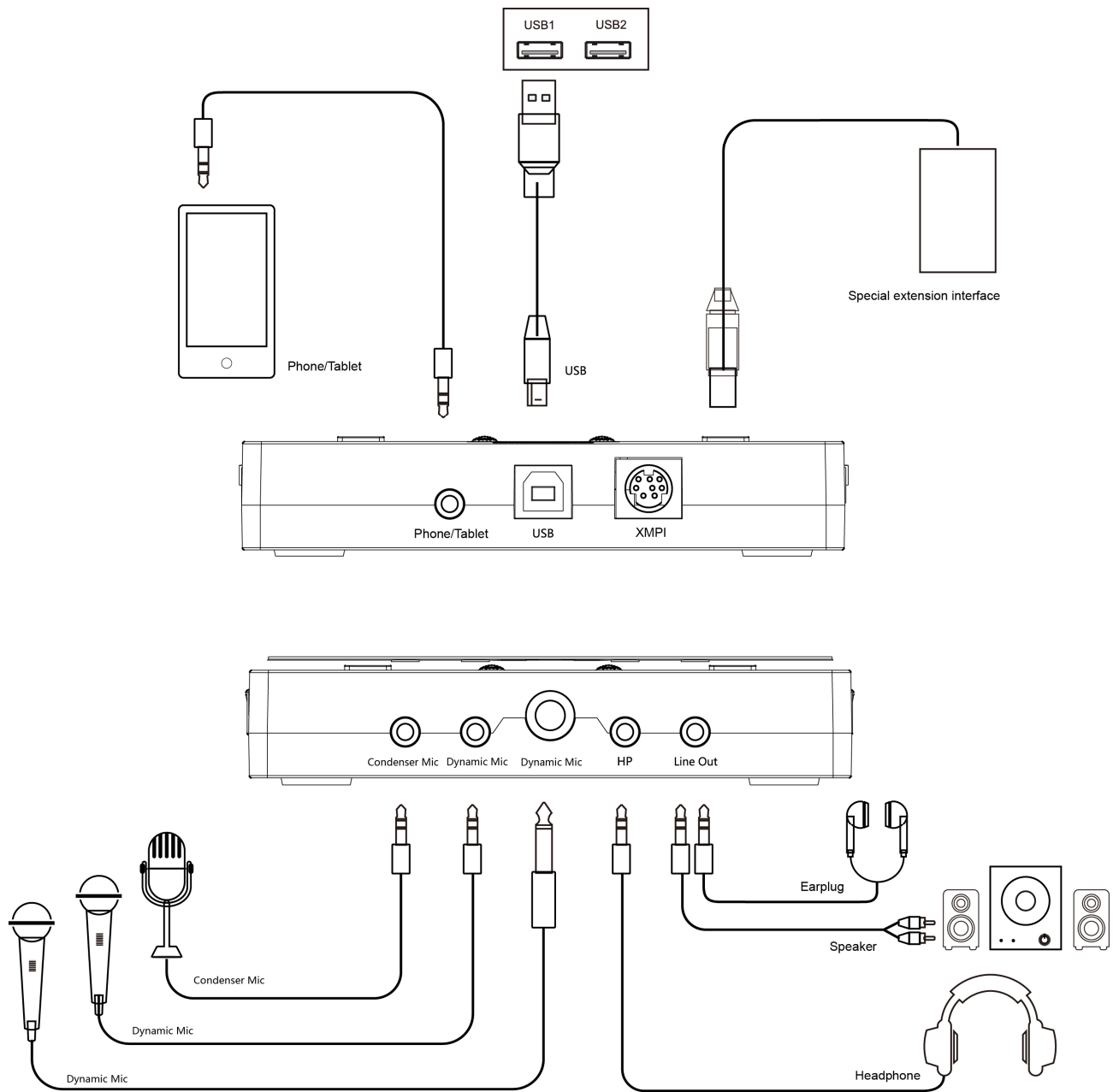
For more convenience, all the functions can be realized through the accompanying control panel. Please first download the control panel from our website: [download.xoxchina.com](http://download.xoxchina.com) before using our product.

But now the control panel only applies to Windows system, we plan to release a new version of the control panel in the near future, so please get the latest news from our website: [www.xoxchina.com](http://www.xoxchina.com). Besides we will keep updating the electronic version of this user guide base on user feedback, which can be downloaded from our website too.

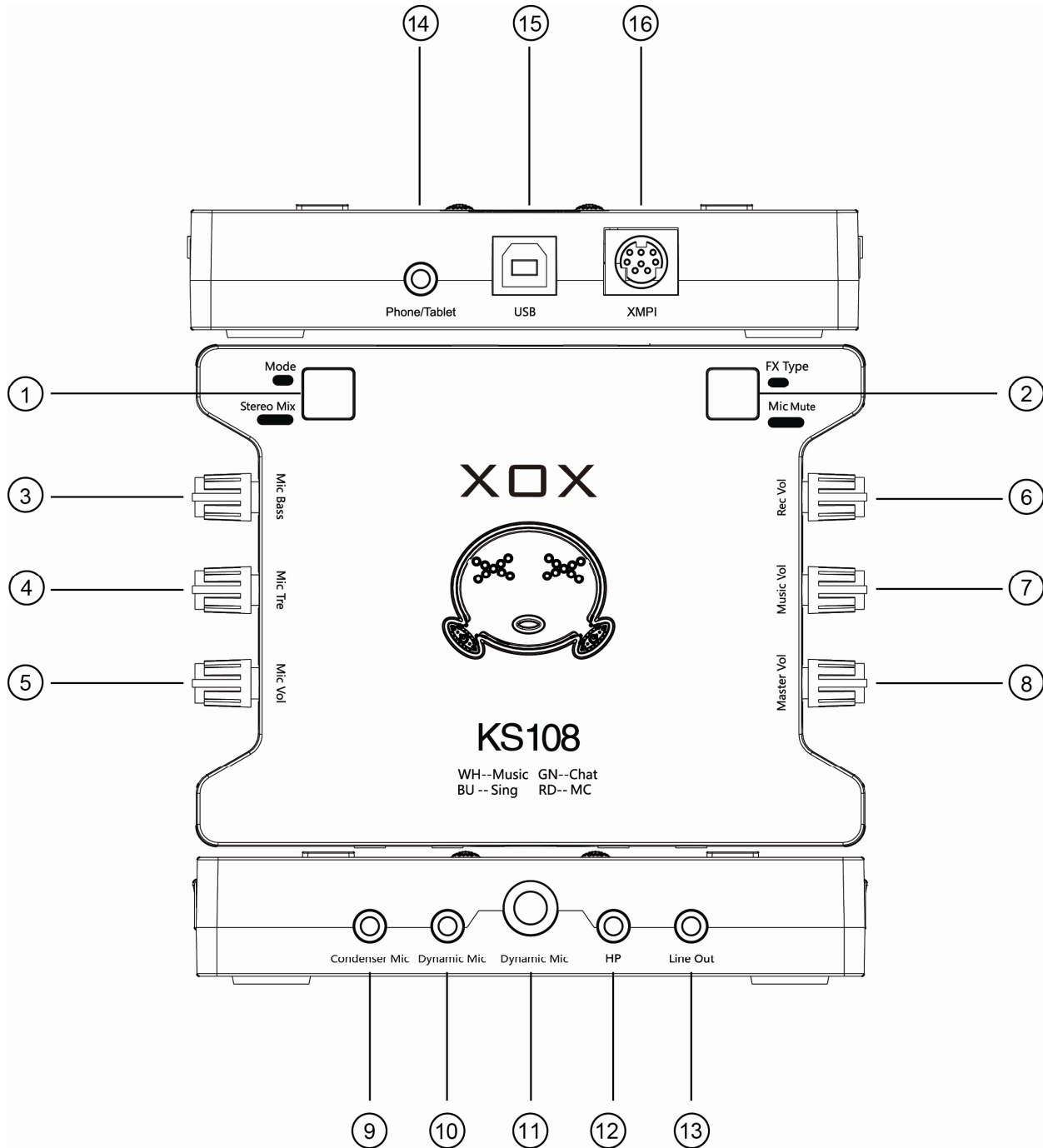
# Package Contents

Article Name	Qty.	Article Name	Qty.
KS108 Main Unit	1	User Guide	1
USB Cable	1	Phone/Tablet Cable	1

# Wiring Diagram



# Structure Diagram



## Notice:

1. Interface ⑭: XOX KS108 sound card provides a mobile/tablet interface to connect iOS/Android systems of smart phone and tablet.
2. Interface ⑮ XMPI: to expand XOX special extension interface.

# Hardware Operating Instruction

## Part I

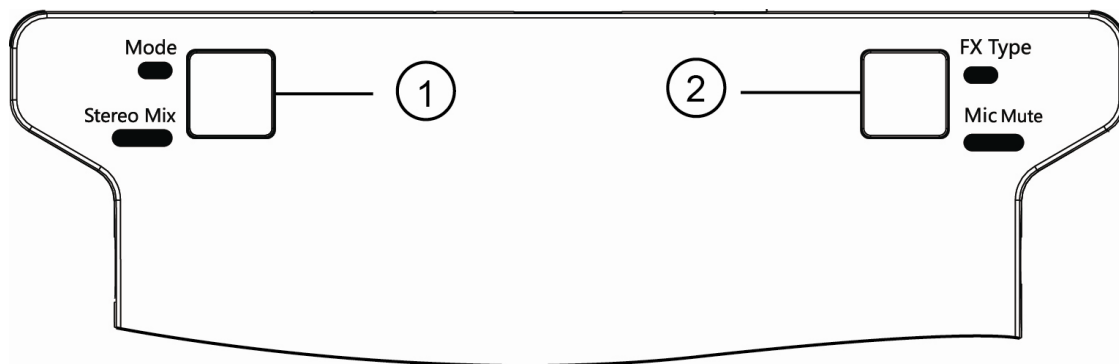
XOX KS108 Sound Card has totally four functions: music listening, chatting, singing and MC function.

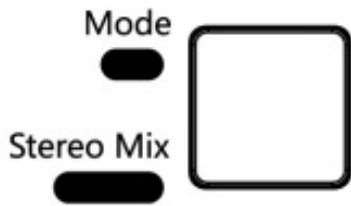
Music listening mode: the microphone automatically goes mute. Comfortably enjoy music or movie in a stereo sound environment.

Chatting mode: hear and be heard crystal clear when make the group talking online.

Singing mode: Singing directly to your friend online with sixteen types of real time hardware reverb FX for your choice.


MC mode: your voice comes out with reverberation and the volume of background music automatically goes down so it won't cover your voice. All the settings only can be adjusted from software, not from the hardware.





- ① -----Short press this button① to change different working modes.
- Long press this① button to turn on/off the *Stereo Mix* function.

**Mode:** means choosing the present working function, which is distinguished by different

color light on the logo  .

Short press the button to choose the right mode you need.

White light(WH) -- Music Listening Mode

Green light(GN) --Chatting Mode

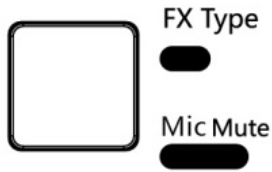
Blue light(BU) -- Singing Mode

Red light(RD) -- MC Mode.

**Stereo Mix:** long press the button.

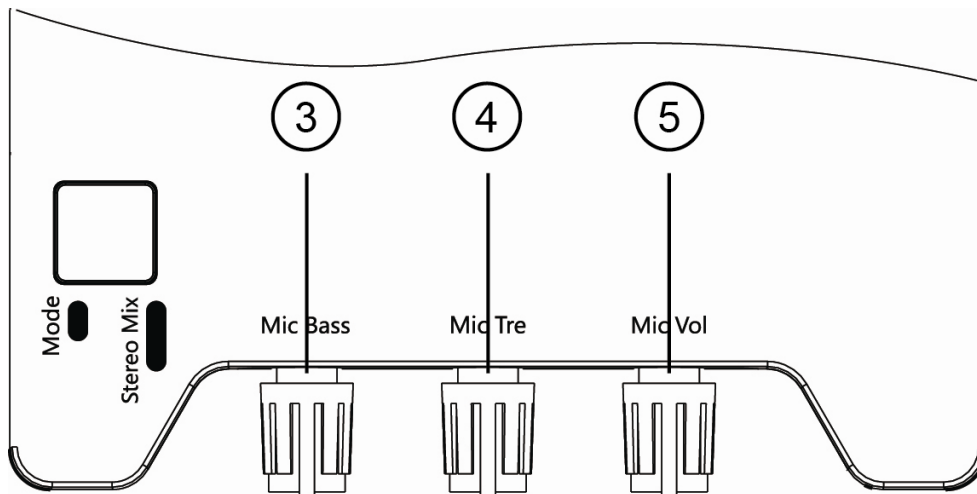
With the blue light on, the signals from both the microphone and the computer or phone will be recorded.

With the blue light off, only the signals from microphone will be recorded.



- ② -----short press this button② to choose the 16 FX types.
- long press this button② to mute/unmute the microphone.

## Part II



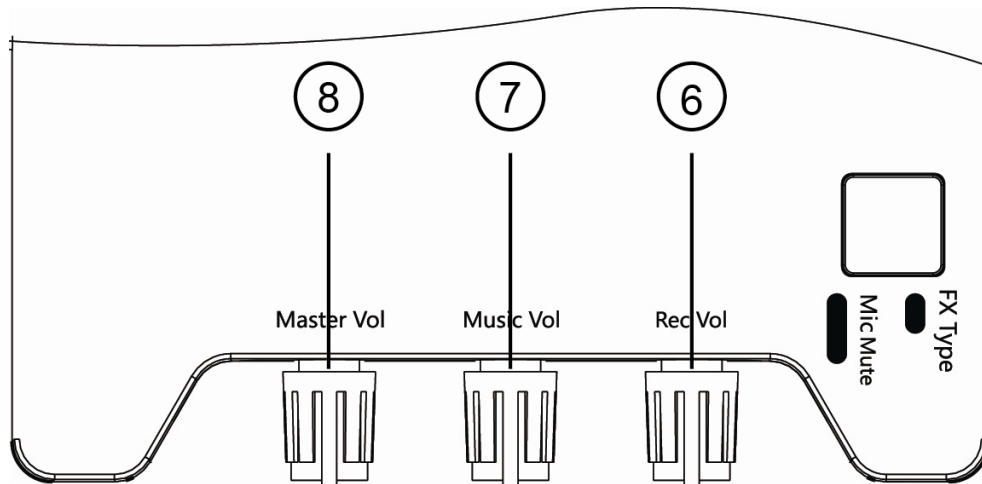
XOX KS108 Sound Card has 2-band equalizer (EQ): the bass and the treble.

By rotating these two knobs ③④, you can make the voice at the most suitable frequency for your voice.

- ③ *Mic Bass*: adjust knob clockwise to a lower sound.
- ④ *Mic Tre*: adjust knob clockwise to a higher pitch.
- ⑤ *Mic Vol*: adjust knob clockwise to make voice be heard and be recorded louder.

Suggestion: adjust “Mic Vol” between 12–3 o’clock; “Mic Tre” between 11-13 o’clock; “Mic Bass” between 9-12 o’clock.

## Part III



XOX KS108 sound card provides Monitoring function. Your voice can be monitored and adjusted in time.

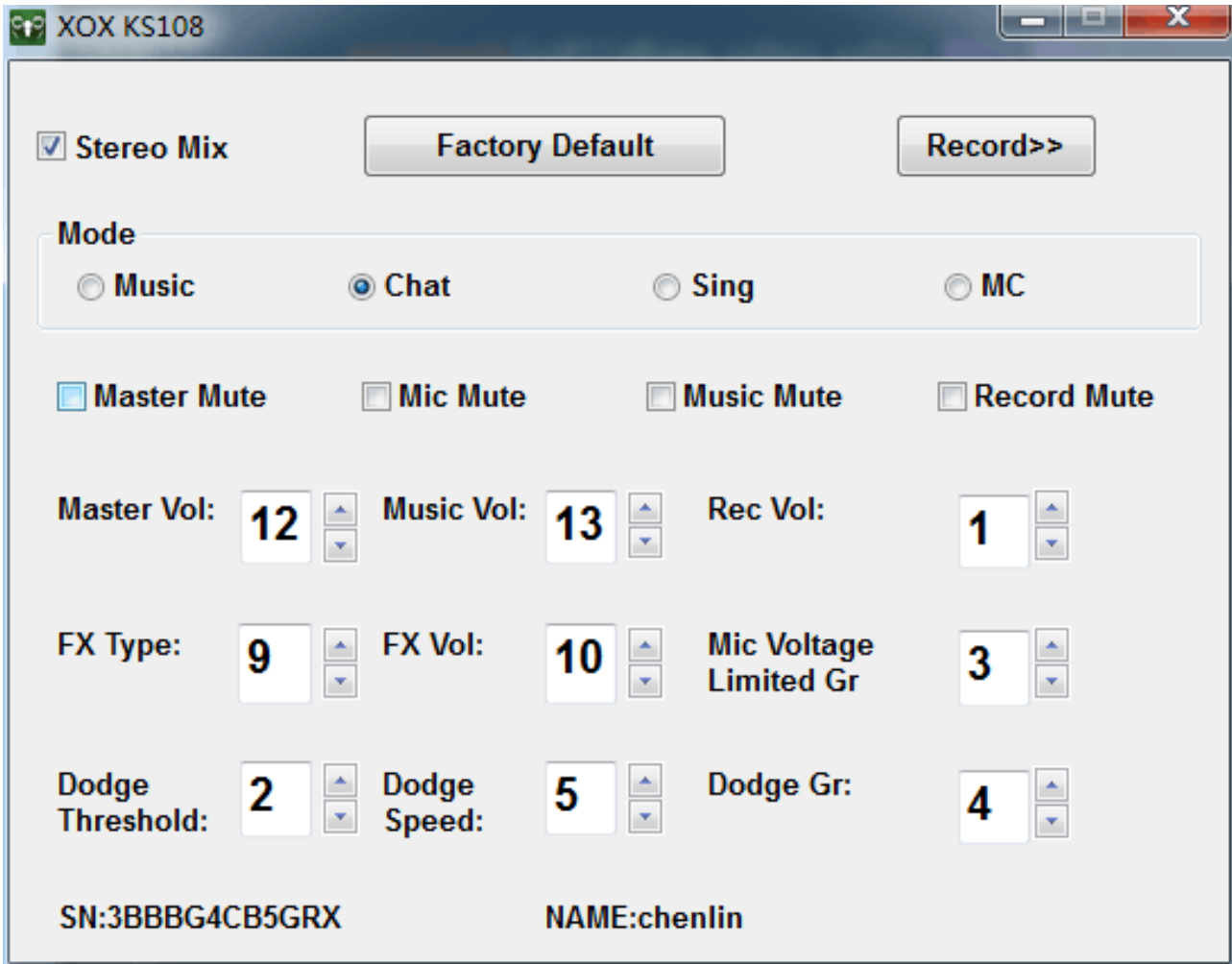
- ⑥ Rec Vol: adjust knob clockwise to make your recorded voice louder.
- ⑦ Music Vol: adjust knob clockwise to make the background music louder.
- ⑧ Master Vol: adjust clockwise to make the volume of both background music and the sound from microphone louder.

## Software Instructions

XOX KS108 sound card's accompanying control panel applies to Windows (XP, Vista, 7, 8). For more convenience in using our product, please download the control panel from our website [download.xoxchina.com](http://download.xoxchina.com)



All the hardware functions can be adjusted from the following control panel.



## Notice:

1. ***Stereo Mix:*** only with the Stereo Mix function on can both the background music and microphone sound can be recorded together.
2. The four ***modes:*** they are the same as the four modes in hardware setting. For detailed information about these four modes, please refer to Part I.
3. ***Master mute:*** to mute both the background music and the sound of microphone
4. ***FX Vol:*** to adjust the effect volume
5. ***Mic voltage limited Gr:*** control voice cracking. The larger the number is, the

louder you can sing without any worry in voice cracking.

6. **Dodge Threshold:** dodge means the background music automatically goes down so it won't cover your voice when you're speaking. This option helps the device to activate the dodge function. The larger the number is, the louder can the sound activate the dodge effect.
7. **Dodge Speed:** the speed of the background music dodge
8. **Dodge Gr:** dodge grade. The volume of the background music after the dodge effect was activated.

## **Important Safety Instructions**

1. Clean the device only with dry cloth.
2. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
3. No naked flames, such as lighted candles, should be placed on the apparatus.



**WARNING:** Excessive sound pressure levels from earphones and headphones can cause hearing loss.

**WARNING:** The input voltage of the power supply should be 5V.

**Shenzhen XOX Electronics Co., Ltd.**