Live sound card and microphone set

USER MANUAL

Model:SF-MP008

Pack List

Sound card *1
Microphone *1
Shock mount *1
Boom arm *1
Headset *1
3.5mm to 3.5mm cable *2
Charging cable *1
XLR cable*1
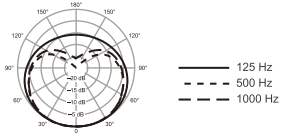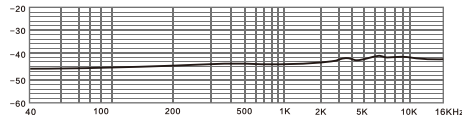User manual *1

Specification parameters (microphone)

Model: SF-MP008
Polar Pattern: Cardioid
Frequency Rate: 60Hz~15kHz
Sensitivity: -48dB+2dB (0dB=1V/Pa at 1kHz)
Output Impedance: 250Ω+30% (at 1kHz)
Equivalent Noise Level: 18dB A
Maximum Sound Pressure Level: 125dB(at 1kHzs1%T.H.D)
Signal-to-noise Ratio: 60dB
Current Consumption: 3mA

Typical Frequency Response Curve

125 Hz
500 Hz
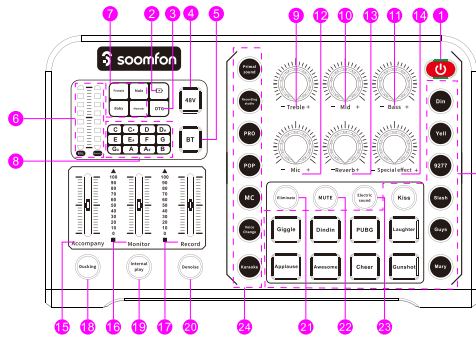1000 Hz

Specification parameters (sound card)

Wireless Name: SF-MP008
Channel System: dual channel
Output Sampling Rate: 44.1kHz
Sampling bits: 16bit
Knob: 6 pieces
Buttons: 31 pieces
Indicator Light: 70 pieces
Push button: 3 pieces

USB-C Interface: digital communication, charging, and live streaming
Audio Interface: accompaniment, musical instrument, headphone, earphone, condenser microphone
Battery Capacity: 1800mAh
Power Consumption: 220mA
Charging Voltage: DC 5V
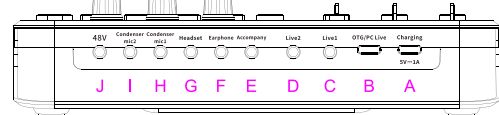Charging Current: 1A
Charging Interface: USB-C

Front panel diagram of sound card

NO.	Name	Function introduction
1	Power supply	Long press "⏻" for 3 seconds to switch on and off, the power on working indication is white.
2	Charging Indicator	The light is red when charging and green when fully charged.
3	OTG indicator	The indicator lights up when using OTG to broadcast live.
4	48V	48V microphone works when on, 48V microphone does not work when off.
5	Bluetooth	When Bluetooth is turned on, the indicator light flashes, turn on the device to search for "SF-MP008" to connect, the indicator light is always on after successful connection.
6	Volume indicator	Microphone, monitor volume adjustment indicator.
7	Sound change indicator	Switching different sound change modes will light up different indicators.
8	Electronic sound indicator	Switching different electronic tones will light up different indicators.
9	Treble	Adjust the microphone treble, rotate to the left to weaken the treble, rotate to the right to strengthen the treble.
10	Midrange	Adjust the microphone midrange, rotate the midrange to the left to weaken it, and rotate it to the right to strengthen it.
11	Bass	Adjust the microphone bass, rotate to the left to weaken the bass, rotate to the right to strengthen the bass.

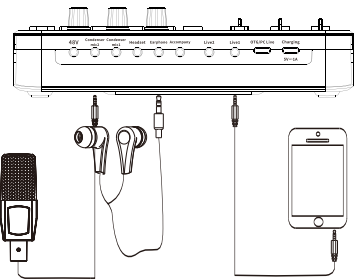| NO.	Name	Function introduction
12	Micro phone	Adjust the size of the microphone single volume, the microphone indicator will change accordingly.
13	Reverb	Adjust the size of the reverb volume, the reverb sound will have corresponding changes.
14	Special effects	Adjust the volume of the effects, the sound of the effects will change accordingly.
15	Accompaniment	Adjust the volume of the accompaniment and the accompaniment sound will change accordingly.
16	Monitor	Adjust the volume of the monitor and the monitor sound will change accordingly.
17	Record	Adjust the volume of the record and the record sound will change accordingly.
18	Ducking	When turned on, the human voice will be highlighted and the music sound will become smaller, and when turned off, the music and human voice will be balanced.
19	Internal play	When turned on, the sound played by the computer can be recorded back to the computer. When the computer is turned off, the sound played by the computer can only be monitored and cannot be recorded back to the computer.
20	Denoise	Filters out external noise when turned on.
21	Eliminate	When turned on, the vocals in the computer or external accompaniment and Bluetooth accompaniment will be eliminated, and when turned off, the vocals in the accompaniment will be retained.

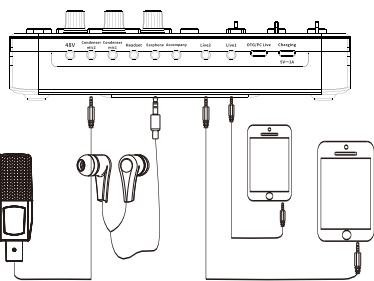| NO.	Name	Function introduction
22	MUTE	When it is turned on, the monitor cannot hear the sound input from the microphone and headset, and the sound of the accompaniment, special effect sound and live broadcast sound is normal.
23	Electronic sound	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
24	Primal sound	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
25	Recording studio	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
26	PRO	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
27	POP	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
28	MC	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
29	Voice	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
30	KTV	Scene mode, the indicatorlight flashes to indicate that it has switched to this mode.
31	Special effect sound	Contains 15 special effects sounds, short press to play different sound effects.

Sound card jack diagram

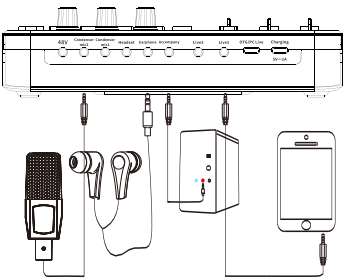| NO.	Name	Function introduction
A	charging	USB-C 5V/1A charging port for sound card
B	OTG PC Live	Mobile OTG live/computer live interface
C	Live1	Suitable for Android phone live, recording, Karaoke
D	Live2	Suitable for iPhone live, recording, Karaoke
E	Accomplay	Connecting an external audio source with a 3.5mm accompaniment cable
F	Earphone	Connecting a headphone with 3.5mm plug
G	Headset	Connecting a headset with a 3.5 mm plug
H	Condenser mic1	Connecting a condenser mic with 3.5mm plug
I	Condenser mic2	Connecting a condenser mic with 3.5mm plug
J	48V	Connecting a 48V microphone

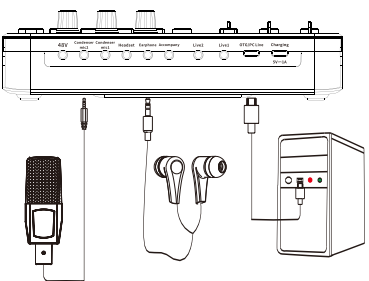## How does it works?

Cell Phone Song Recording
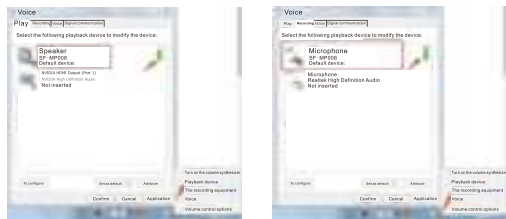

Cell Phone Live Computer Accompaniment

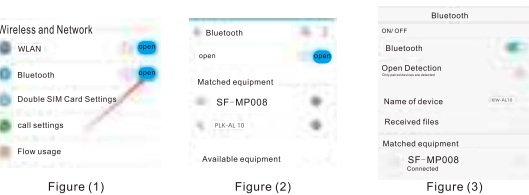### Dual Cell Phone Live Streaming

Computer Live Streaming

Computer accompaniment and computer live debugging diagram

After the sound card is connected to the computer and the computer has recognized the sound card
(1) connect the computerto the host computer with the USB type C cable, click the small horn in the lowerright corner of the computer,and right-click to open the "playback device". If the loud speaker shows"SF-MP008" and is the default device, that is, the sound card driverhas beeninstalled successfully and has been recognized by the computer.
(2) Computers or other devices that support OTG function and standard USB protocol all support connection with sound card.

Computer accompaniment and computer live debugging diagram

Figure (1)   Figure (2)   Figure (3)

1.Turn on the Bluetooth of the mobile phone, as shown in Figure(1);
2.The phone automatically searches for the Bluetooth device "SF-MP008", as shown in Figure (2)
3. Click "SF-MP008" to start Bluetooth pairing, connected successfully monitoring headphones received a "Bluetooth is connected" tone, as shown in Figure (3), then you can select the music, through the Bluetooth transmission of the accompanying audio to the sound card.

FCC Compliance Statement

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance
could void the user's authority to operate the equipment.

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