PROFESSIONAL MIXER

Instruction Manual
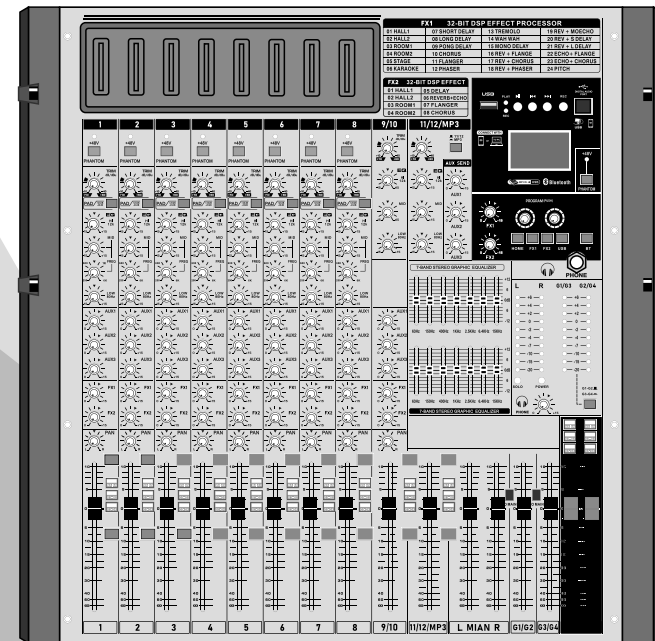
CONNECTION INSTRUCTIONS

Drums

Electric Guitar

Power amplifier

Recording Equipment

Beth

Microphones

Monitor speakers

| MIAN OUT | G1-G2 | G3-G4 | 11/12 | 9/10 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

POWER

L

R

AC INPUT FUSE

L

1

2

3

4

L

R

L

R

MIC/LINE MIC/LINE MIC/LINE MIC/LINE MIC/LINE MIC/LINE MIC/LINE MIC/LINE

AUX1 AUX2 AUX3

FX1 FX2

FOOT SWITCH

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: REPLACE WITH THE SAME TYPE FUSE AND RATING.
DISCONNECT SUPPLY CORO BEFORE CHANGING FUSE.

SERIAL NUMBER

CE

AC 110V-240V 50-60Hz

Effector

Synthesizer

or

Effect Pedal

Monitor speakers

AUX1

AUX2

AUX3

0 +15

0 +15

0 +15

FX1

FX2

0 +15

0 +15

PROGRAM (PUSH)

HOME FX1 FX2 USB BT

REO GRAPHIC EQUALIZER

+12

PHONE

Earphone

BACK PANEL SECTION

1.POWER SWITCH
Use the POWER switch to turn on the mixing console. The POWER switch always be in the "off "position when you are about to connect your unit to the mains. To disconnect the unit from the mains, pull out the main cord plug. When installing the product, ensure that the plug is easily accessible.

2.FUSE HOLDER/IEC MAINS RECEPTACLE
The console is connected to the mains via the cable supplied, which meets the required safety standards. Blown fuses must only be replaced by fuses of the same type and rating. The mains connection is made via a cable with IEC mains connector. An appropriate mains cable is supplied with the equipment.

3.MAIN OUT(L,R) JACKS
These jacks deliver the mixer's stereo output. You use these jacks, for example, to connect to the power amplifier driving your main speakers.

4.FOOTSWITCH
Connecting with effect pedal.

5.GROUP OUT(1-2)JACKS
It can connect with others amplifiers, which can be controlled by GROUP 1-2.
GROUP OUT(3-4)JACKS
It can connect with others amplifiers, which can be controlled by GROUP 3-4.

6.AUX1-2-3 OUT
The AUX SEND jack should be used when hooking up a monitor power amplifier or active monitor speaker system. The relevant AUX path should be set pre-fader.

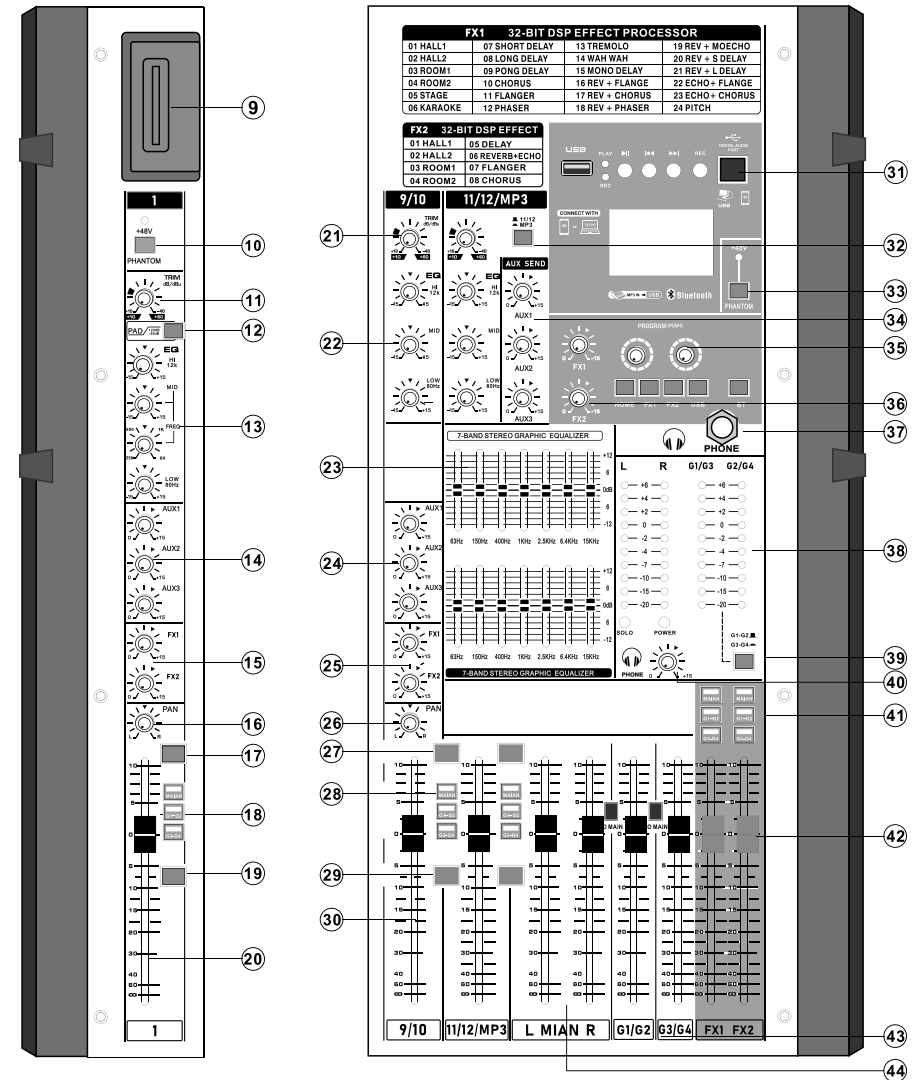## 7.STEREO INPUT JACKS
You can connect with cassette deck.

8.MIC INPUT JACKS
These are balanced XLR -type microphone input jacks.(1:Ground;2:Hot;3:Cold)
LINE Input jacks(monaural channels)
These are balanced TRS phone-jack line inputs.(T:Hot;R:Cold;S:Ground).
You can connect either balanced or unbalanced phone plugs to these jacks

INPUT CHANNELS SECTION

FX1   32-BIT DSP EFFECT PROCESSOR

01 HALL1	07 SHORT DELAY	13 TREMOLO	19 REV + MOECHO
02 HALL2	08 LONG DELAY	14 WAH WAH	20 REV + S DELAY
03 ROOM1	09 PONG DELAY	15 MONO DELAY	21 REV + L DELAY
04 ROOM2	10 CHORUS	16 REV + FLANGE	22 ECHO+ FLANGE
05 STAGE	11 FLANGER	17 REV + CHORUS	23 ECHO+ CHORUS
06 KARAOKE	12 PHASER	18 REV + PHASER	24 PITCH

FX2   32-BIT DSP EFFECT

01 HALL1	05 DELAY
02 HALL2	06 REVERB+ECHO
03 ROOM1	07 FLANGER
04 ROOM2	08 CHORUS

9.INPUT LED DISPLAY
Input signal strength indicator for each mono channel with LED display. Users can observe the input signal strength from here.

10.PHANTOM +48V SWITCH
This is switch toggles phantom power.Press this key to turn on / off phantom power.

11.TRIM CONTROL
Adjusts the input signal level. To get the best balance between the S/N ratio and the dynamic range, adjust the gain so that the PEAK indicator lights only occasionally and briefly on the highest input transients. The 60 to+10 scale is the MIC input adjustment range. The -40 to +10 scale is the Line input adjustments range. The -40 to +10 scale is the LINE input adjustment range.

12.PAD SWITCH
Cut down the signal sensitivity of each channel 20dB

13.Equalizier (HIGH. MID. LOW)
This the four-band equalizer adjusts the channels high. mid and low frequency bands. Setting the knob to the "0"position produces a flat response in the corresponding frequency band, while turning to the left attenuates the band.

14.AUX1,AUX2,AUX3 CONTROL
Controlling the level of the auxiliary output channel without affecting the mixed amplifier signal. Adjusts the level of input channel to AUX.

15.FX1&FX2 CONTROL
The aux send marked FX offers a direct route to the built-in effects processor. Controlling the EFF volume of mono channel.

16.PAN Control
The PAN control determines the position of the channel signal within the stereo image. When working with sub groups, you can use the PAN control to assign the signal to just one output, which gives you additional flexibility in recording situations.

17.MUTE SWITCH
The accordingly channel will be mute after pressing this key.

18.MAIN
You can use MAIN-L/R fader after pressing "MIX"switch.

G1-2;G3-4
You can use G1-2 fader after pressing the switch.
You can use G3-4 fader after pressing the switch.

19.SOLO/ PEAK SWITCH
SOLO: Folks use solo in live work preview channels before they are let into the mix,or to just check out what a particular channels is up to anytime during a session.You can solo as many channels at a time as you like. All in all, you can monitor according channel with earphone after pressing this key.

PEAK: When the input signal is too loud , the indicator will flash.

20.CHANNEL FADERS
Adjusts the level of the channel signal. Using these fader to adjust the output level amount the various channels.

21.TRIM CONTROL-9/10/11/12CH
Adjusts the input signal level. To get the best balance between the S/N ratio and the dynamic range, adjust the gain so that the PEAK indicator lights only occasionally and briefly on the highest input transients. The 60 to+10 scale is the MIC input adjustment range. The -40 to +10 scale is the Line input adjustments range. The -40 to +10 scale is the LINE input adjustment range.

22.EQUALIZER-9/10/11/12CH
This the three-band equalizer adjusts the channels high. mid and low frequency bands. Setting the knob to the "0"position produces a flat response in the corresponding frequency band, while turning to the left attenuates the band.

23.7-BAND STEREO GRAPHIC EQUALIZER
The graphic stereo equalizer allows you to tailor the sound to the room acoustics.

24.AUX1,AUX2,AUX3 CONTROL
Controlling the level of the auxiliary output channel without affecting the mixed amplifier signal. Adjusts the level of 9/10 channel to AUX.

25.FX1/2 CONTROL
The aux send marked FX offers a direct route to the built-in effects processor. Controlling the EFF volume of 9/10 channel.

26.PAN Control
The PAN control determines the position of the channel signal within the stereo image. When working with sub groups, you can use the PAN control to assign the signal to just one output,which gives you additional flexibility in recording situations.

27.MUTE SWITCH
The accordingly channel will be l mute after pressing this key.

28.MAIN
You can use MAIN-L/R fader after pressing "MAIN"switch.

G1-2;G3-4
You can use G1-2 fader after pressing the switch.
You can use G3-4 fader after pressing the switch.

29.SOLO/ PEAK SWITCH
SOLO: Folks use solo in live work preview channels before they are let into the main,or to just check out what a particular channels is up to anytime during a session.You can solo as many channels at a time as you like. All in all, you can monitor according channel with earphone after pressing this key.

PEAK: When the input signal is too loud , the indicator will flash.

30.CHANNEL FADERS
Adjusts the level of the channel signal . Using these fader to adjust the balance between the various channels.

31.MULTI-FUNCTIONAL KEY
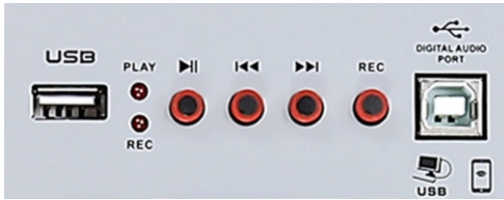
▶Ⅱ PLAY/PAUSE CONTROL BUTTON

Short press to play or stop music. The PLAY indicator will flash during

play music

Ⅰ◀◀ PREV   Prev/Volume"-"decrease control button
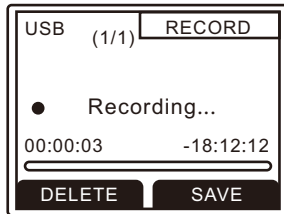
Short press the key to skip the previous song.

Hold the key for seconds to decrease the master volume.

▶▶Ⅰ NEXT   Next/Volume"+"increase control button

Short press the key to skip the next song.

Hold the key for seconds to increase the master volume.

REC Get into recording interface after pressing this key.

As followed Interface.

REC STEP:
Firstly, pressing the REC key to get into REC interface , we should use with multi-functional knob(Followed picture 1) accordingly . Pressing the right knob of picture 1,the interface will appear the content of picture 2.You should press the right knob of picture 1 again if you want to play or save the REC file. If you don't want to save the REC file, you would like to press the left knob of picture 1.

PIC1
Multi-functional knob
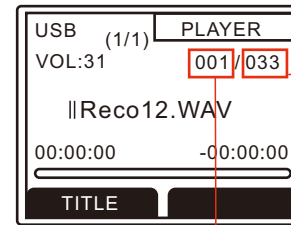

Left knob   Right knob

PIC2
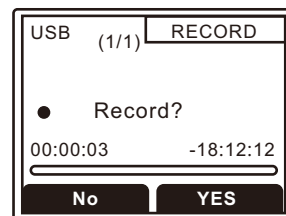
Recording interface

Checking REC:

Pressing the home key return to the home page,press the USB key get into USB interface(Followed picture 3),You should press the left knob of picture 1 if you want to play the REC.

PIC3

Total number of the REC

The sequence number of the current REC

USB INTERFACE : Inserting USB into this port.

PC/PHONE INTERFACE : Connecting with PC or PHONE.

32.TOGGLE KEY
When the key is released ▄▬ ,the input signal for this channel is from 11/12th channel.
When the key is pressed ▬▄ ,the input signal for this channel is from MP3 channel.

33.Phantom +48V Switch
This switch toggles phantom power on and off. When the switch is on the mixer suppliers +48Vphantom power to all channels that have XLR MIC input jacks.

34.AUX1&AUX2&AUX3
Using these knob can control the AUX output jack. Users should turn these to right if you want to increase the volume of equipments, which connect with AUX1,AUX2,AUX3.
If you want to use AUX, you should turn on this knob firstly.

35.Multi-functional knob

Left knob: select and confirm EFF type
Right knob: adjust the EFF parameters,after clicking FX1/2 key ,you would like to turn this knob to adjust the parameters

Remark:

1.Restore factory settings:you should press PROGRAM at the same
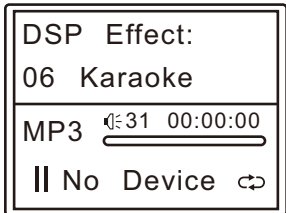
time while opening the mixer.

2.Double row LED light of mixer will blink when signal over -20dB.
Multifunctional knob

HOME KEY
Returning to the home page after pressing this key.

As followed interface:

```
DSP  Effect:
06  Karaoke
MP3   31 00:00:00
II No  Device   ⊂⊃
```
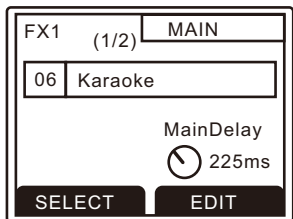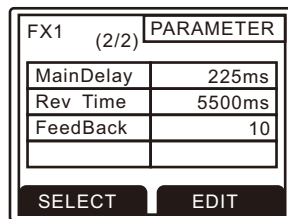
FX1&FX2 KEY-FX INTERFACE
Adjusting each FX from this key. There are two pages in this step. The interface will be changed after second press "FX1/FX2" .For example, you can adjust EFF time after the first press "FX1/FX2" . Adjusting another EFF parameters after second press "FX". But this step need to match with **"PROGRAM(PUSH)"**key.
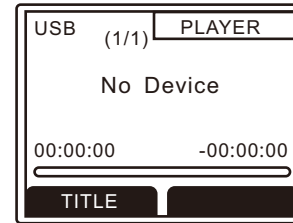
As followed interface:

The first page

```
FX1    (1/2)    MAIN

 06   Karaoke

              MainDelay
              ⊙ 225ms
SELECT        EDIT
```

The second page

```
FX1    (2/2)   PARAMETER

MainDelay       225ms
Rev  Time      5500ms
FeedBack           10


SELECT        EDIT
```

USB KEY
Getting into USB interface after pressing this key.

As followed interface:

```
USB    (1/1)    PLAYER

      No  Device

00:00:00        -00:00:00

  TITLE
```

BT KEY
Long press this key for 3 sec to connect Bluetooth.

As followed interface

```
BT     (1/1)    PLAYER

      Connecting...
0                    31

  PREV         NEXT
```
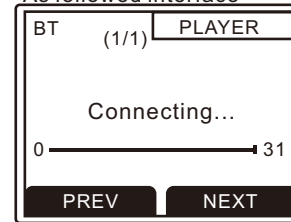
36.FX1&FX2 Control -SOUND
Adjusting the volume of effector. The volume will decrease when the knob turning left. The volume will increase when the knob turning right.

37.PHONES JACK
Connecting a pair of headphone to this TRS phone-type output jac

38.LEVEL METER
Show the level signal's strong.

39.TOGGLE KEY
1-2 ▮
3-4 ▬
When the key is released ▮ ,users can monitor signal from 1st-2rd of GROUP.
When the key is pressed ▬,users can monitor signal from 3th-4th of GROUP.

40.PHONE
Controling the output signal level to headphones.

41.EFF KEY
"MAIN" KEY
Fx1 or FX2 will be sent to the main output through L& R bus after pressing this key.

"G1-G2" KEY
Fx1 or FX2 will be sent to the group output through G1&G2 bus after pressing this key.
"G3-G4" KEY
Fx1 or FX2 will be sent to the group output through G3&G4 bus after pressing this key.

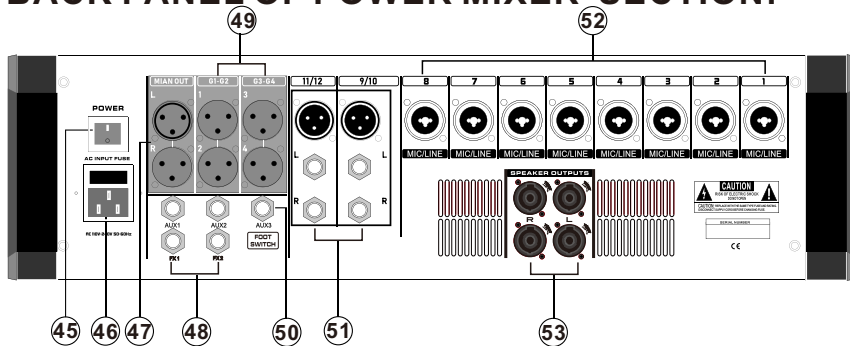**42.FX LEVEL**
Controlling the level of EFF output signal.

43.GROUP LEVEL
Controlling the level of GROUP output signal.

44.CHANNEL LEVEL KNOB- L&R
Adjusts the level of the main output signal.

BACK PANEL OF POWER MIXER SECTION:

45.POWER SWITCH
Use the POWER switch to turn on the mixing console. The POWER switch always be in the "off" position when you are about to connect your unit to the mains. To disconnect the unit from the mains, pull out the main cord plug. When installing the product, ensure that the plug is easily accessible.

46.FUSE HOLDER/IEC MAINS RECEPTACLE
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48.FOOTSWITCH
Connecting with effect pedal.

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It can connect with others amplifiers, which can be controlled by GROUP 1-2.
GROUP OUT(3-4)JACKS
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50.AUX1-2-3 OUT
The AUX SEND jack should be used when hooking up a monitor power amplifier or active monitor speaker system. The relevant AUX path should be set pre-fader.

51.STEREO INPUT JACKS
You can connect with cassette deck.

52.MIC INPUT JACKS
These are balanced XLR -type microphone input jacks.(1:Ground;2:Hot;3:Cold)
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You can connect either balanced or unbalanced phone plugs to these jacks
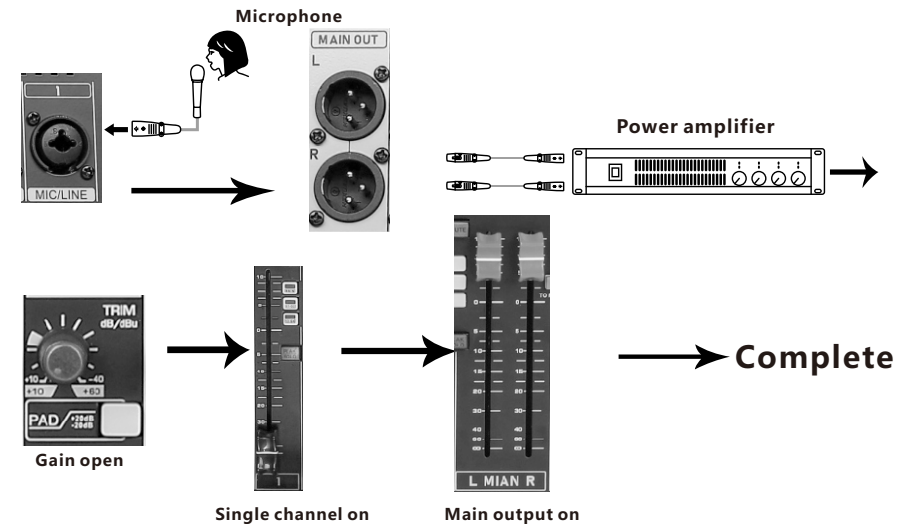
53.L&R MAIN OUTPUT
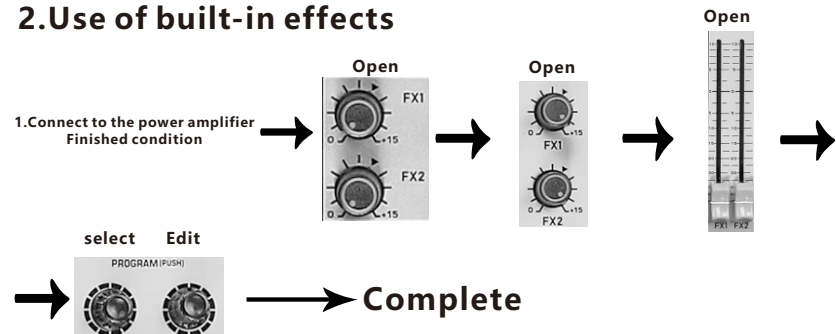Can be connected with speaker to here
NOTE WARNING
Minimum impedance 4 ohm per channel. Connecting two 4 ohm speakers per channel will overload the amp and void the warranty. Always use 8 ohm speakers or higher if connecting two speakers per channel.
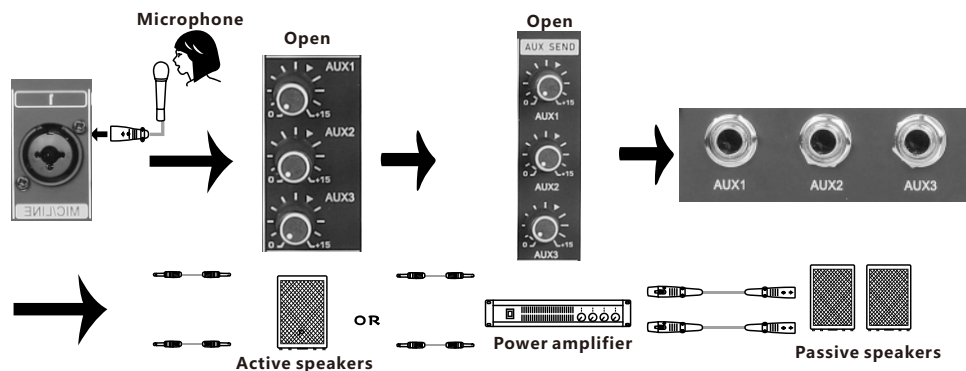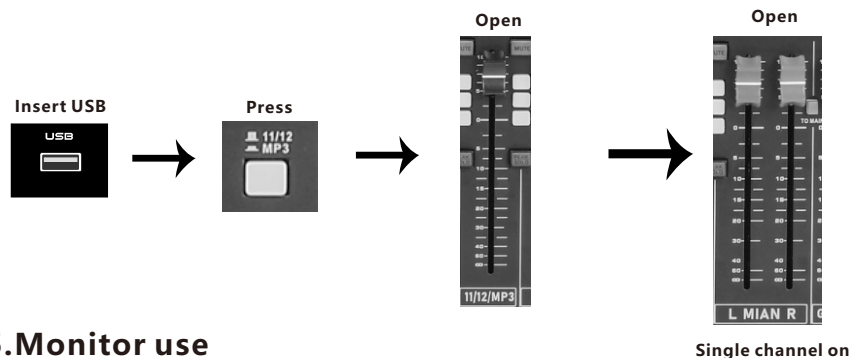
EXAMPLES OF USE:

1.Use the amplifier

Microphone

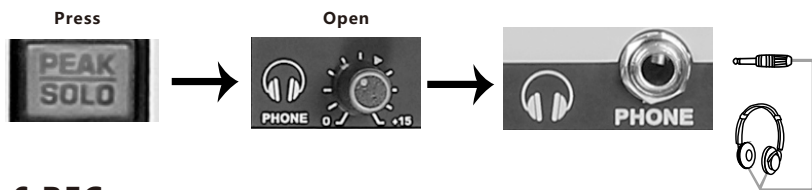Power amplifier

Complete

Gain open

Single channel on   Main output on

2.Use of built-in effects

1.Connect to the power amplifier Finished condition

Open

select   Edit

Complete

3.Use of AUX

Microphone

Open

Open

AUX1 AUX2 AUX3

Active speakers   OR   Power amplifier

Passive speakers

4.Use of USB

Insert USB   Press

Open

Open

Single channel on

5.Monitor use

Press   Open

6.REC use
REC is the micro-signal output port of the mixer, which can be connected to a professional recorder or a computer equipped with recording software.

7.USING VOLTAGE
Please note that the mains voltage is 110V--- 240V, If it is lower than 220V, please use a voltage regulator, otherwise the insufficient power supply will cause current noise.

8.Warnings:
To select a mixer equipped with a wireless microphone, please use the penultimate channel control. For example, the third channel of the 4-channel mixer controls the microphone, for example, the seventh channel of the 8-channel mixer.
Restore factory settings:You should press PROGRAM at the same time while opening the mixer.

Factory accessories: one host, one power supply, one manual, one warranty card

WARNING:

To prevent fire or shock hazard, do not expose the unite to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN
DO NOT MOVE IN ELECTRIFCATION

The lightning flash with arrowhead symbol,within an equilateral triangle,

is intended to alert the user to the presence of uninsulatedd angerous voltage

within the products enclosure that maybe of sufficient magnitude toconstitute

a risk of electric shock to persons.

The exclamation point, within a equilateral tr-iangle is intended to alert the

user to the presence of important operating and maintenance(servicing)

instructions in the literature ac-companying the appliance