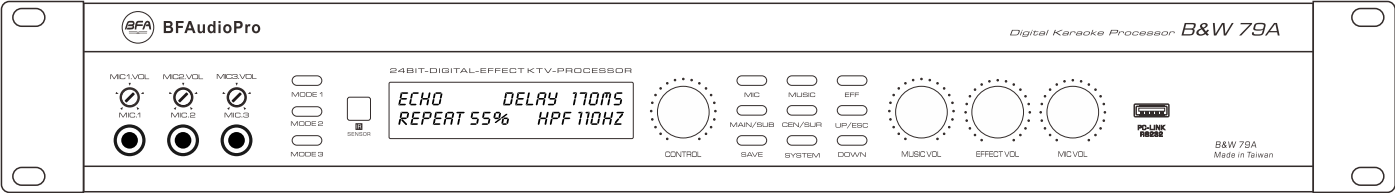


# Instruction Manual

## Professional Karaoke Processor



## Notice

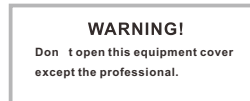
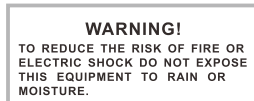
Thanks for your support to buy our item!

To use this processor certainly, please read this manual at first .And please keeping this manual well for the future use.

The power socket and plug may will different from this system at some districts or countries. However, there is a same way to operate and connect this equipment.

Attention: this equipment is an electric appliance. To avoid the danger of electric shock, please don't take this equipment apart except the professional technical maintenance personnel.

To make this equipment working normally, please don't clog the before and after heat dissipation.



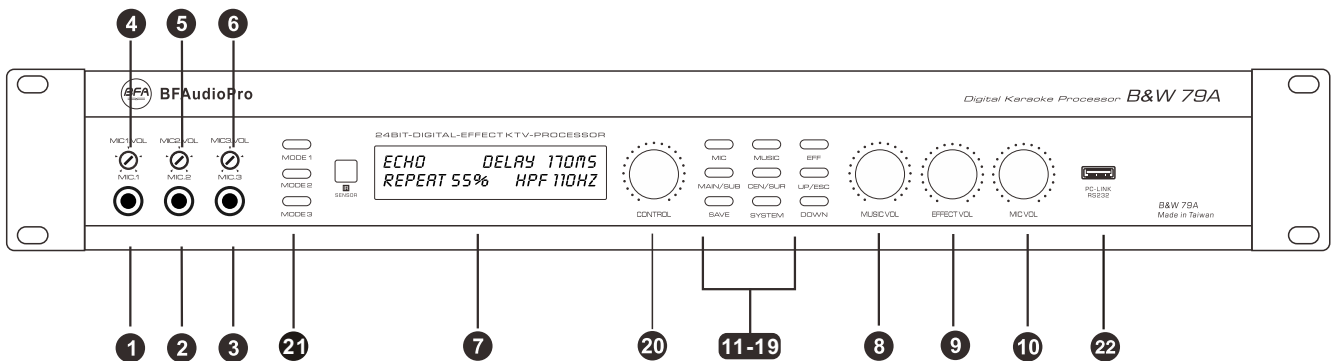
## Function introduction

- 5.1 Decode, 2channels adjustable MIC and music dynamic equilibration;
- With the function of speaker processing, means the main channel, subwoofer, center and Aux can be adjusted independently;
- Full Parametric Equalization ;( 10 sections of music and 15 sections of MIC)
- Easy and intuitive operated interface is controlled by computer absolutely, supporting Sent and Saves as.
- Unique parametric equalization for echo/mixing effect (shift PEQ/LSH/HSB)
- Auxiliary channel music (including subwoofer) and MIC parameter can be adjusted independently;
- Have delay function for each channel to adapt different house type and different speaker setting;
- The fifth-generation scheme of feedback inhibition;
- Independently developed new circuit and broadband sound; the high speed CUP is processing it more accurately.
- Have the function of recording output and the output parameter can be controlled independently;
- Shift the mode of administrator and user to make sure the system on safe.

## Catalogue

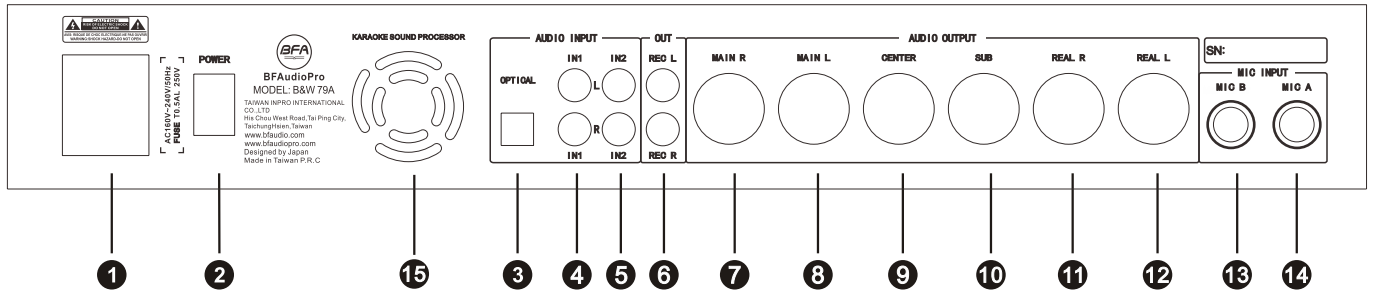
Notice, function instruction and catalogue	2
Illustrate the function of front-panel	3
Illustrate the function of back-panel	4
Illustrate the function of processor menu	5-11
Name and function of each part about remote-control	12
Illustrate the function connecting	12
Accessory	12
The Hookup of system	13
Performance index	14

## Illustrate the function of front-panel



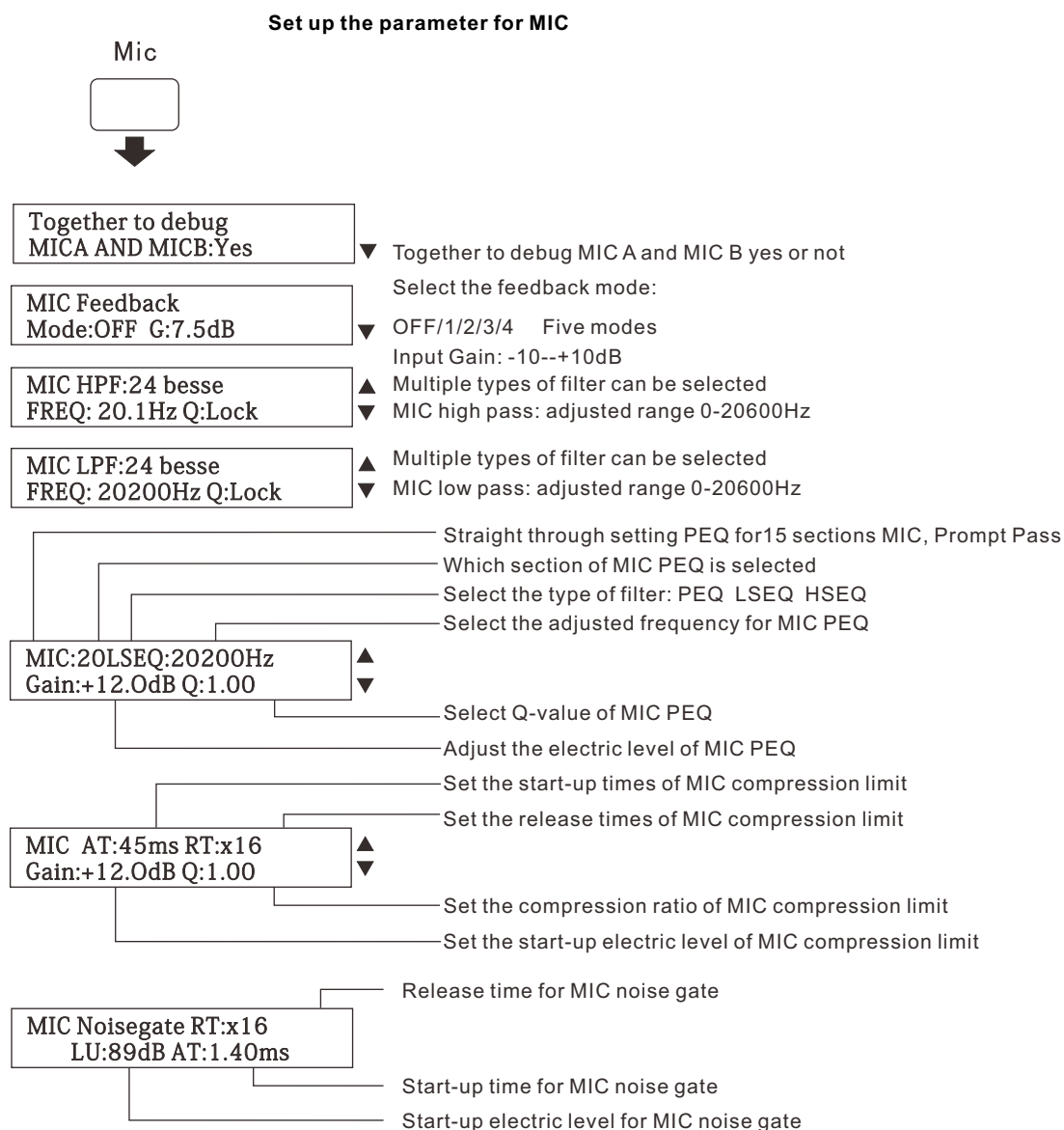
- |    |          |   |
|----|----------|---|
| 1  | MIC 1    | Input port for MIC 1  |
| 2  | MIC 2    | Input port for MIC 2  |
| 3  | MIC 3    | Input port for MIC 3  |
| 4  | .....    | Control volume for MIC 1/A, rotate left to get lower and rotate right to get louder.        |
| 5  | .....    | Control volume for MIC 2/A, rotate left to get lower and rotate right to get louder         |
| 6  | .....    | Control volume for MIC 3/B, rotate left to get lower and rotate right to get louder         |
| 7  | .....    | Display screen  |
| 8  | MUSIC    | Knob for music volume controlled, rotate left to get lower and rotate right to get louder   |
| 9  | EFFECT   | Knob for effect volume control, rotate left to get lower and rotate right to get louder     |
| 10 | MIC      | Knob for MIC volume controlled, rotate left to get lower and rotate right to get louder     |
| 11 | MIC      | Set the parameter of MIC  |
| 12 | MUSIC    | Set the parameter of Music  |
| 13 | ECHO     | Set the parameter of Echo and mixing  |
| 14 | MAIN/SUB | Set the parameter of Main channel and Subwoofer   |
| 15 | CEN/SUR  | Set the parameter of Center and Surround  |
| 16 | SAVE     | Save the data, long press for presetting call   |
| 17 | SYSTEM   | Set the parameter for system  |
| 18 | DOWN     | Set the down menu on display, the cursor is flashing down when pressing.                    |
| 19 | UP/ESC   | Set the up menu on display, the cursor is flashing up when pressing / Long press to escape. |
| 20 | CONTROL  | Function knob. Left and right knob can be adjusted when setting each parameter              |
| 21 | MODE     | Shift mode1-3   |
| 22 | RS232    | RS232 serial communication interface  |

## Illustrate the function of back-panel



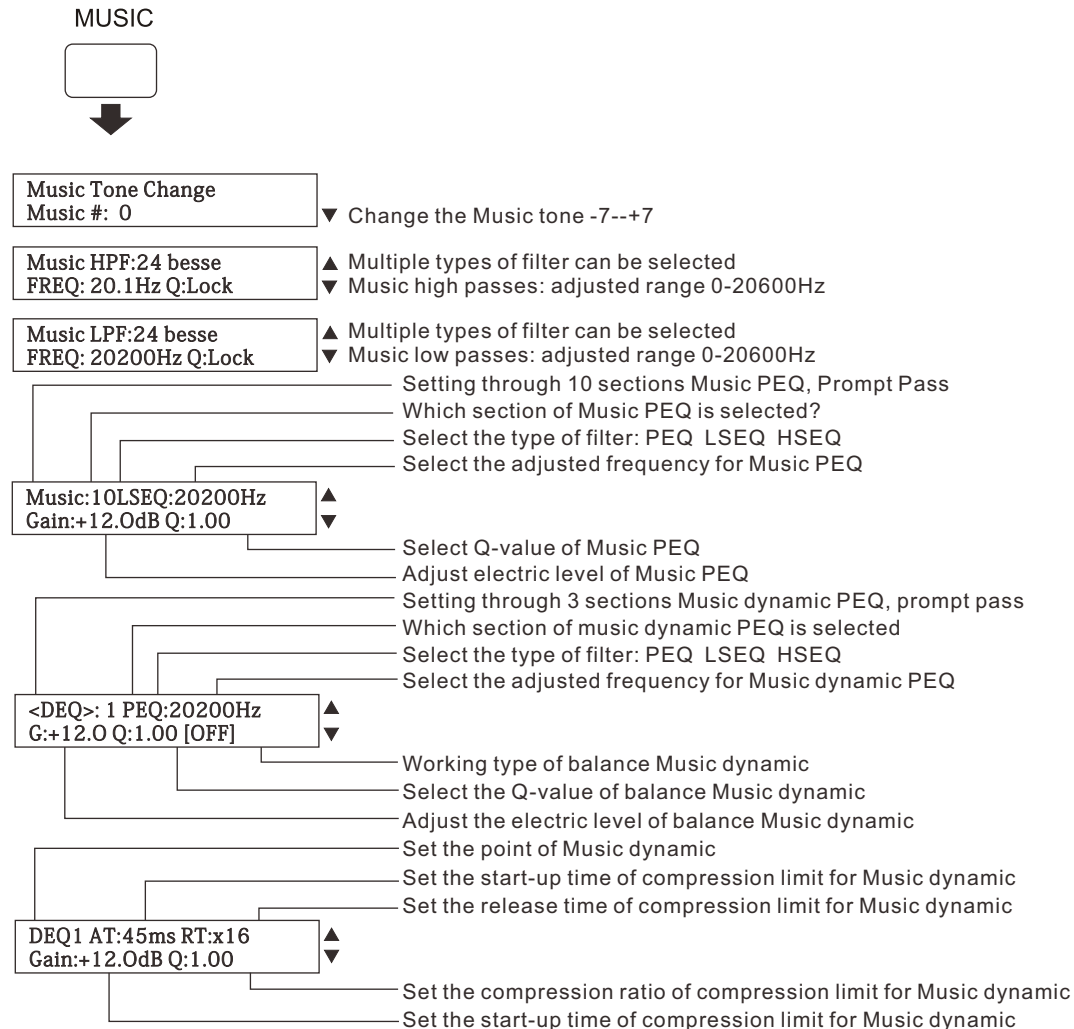
- 1 Port for power cord
- 2 Power switch
- 3 Optical fiber input
- 4 Input port for audio signal 1
- 5 Input port for audio signal 2
- 6 Recording output port (parameter is controlled by surrounding channel)
- 7 Balance right main channel signal output
- 8 Balance left main channel signal output
- 9 Balance center channel signal output
- 10 Balance Subwoofer channel signal output
- 11 Balance Surrounding right channel signal output
- 12 Balance Surrounding left channel signal output
- 13 Jack for MIC B
- 14 Jack for MIC A
- 15 Radiator fan (Don't cover it)

## Illustrate the function of processor menu



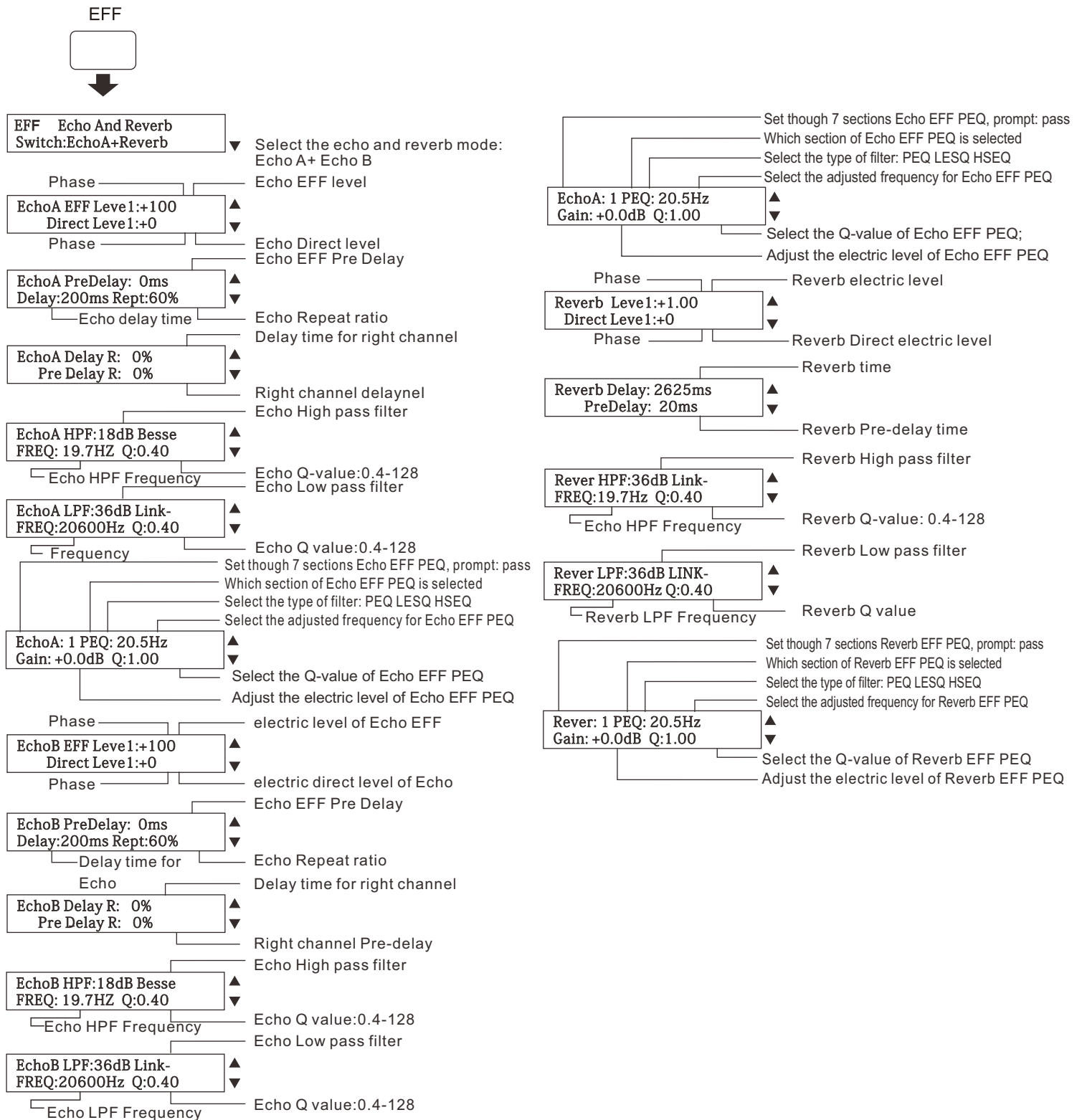
## Illustrate the function of processor menu

### Set the music parameter



# Illustrate the function of processor menu

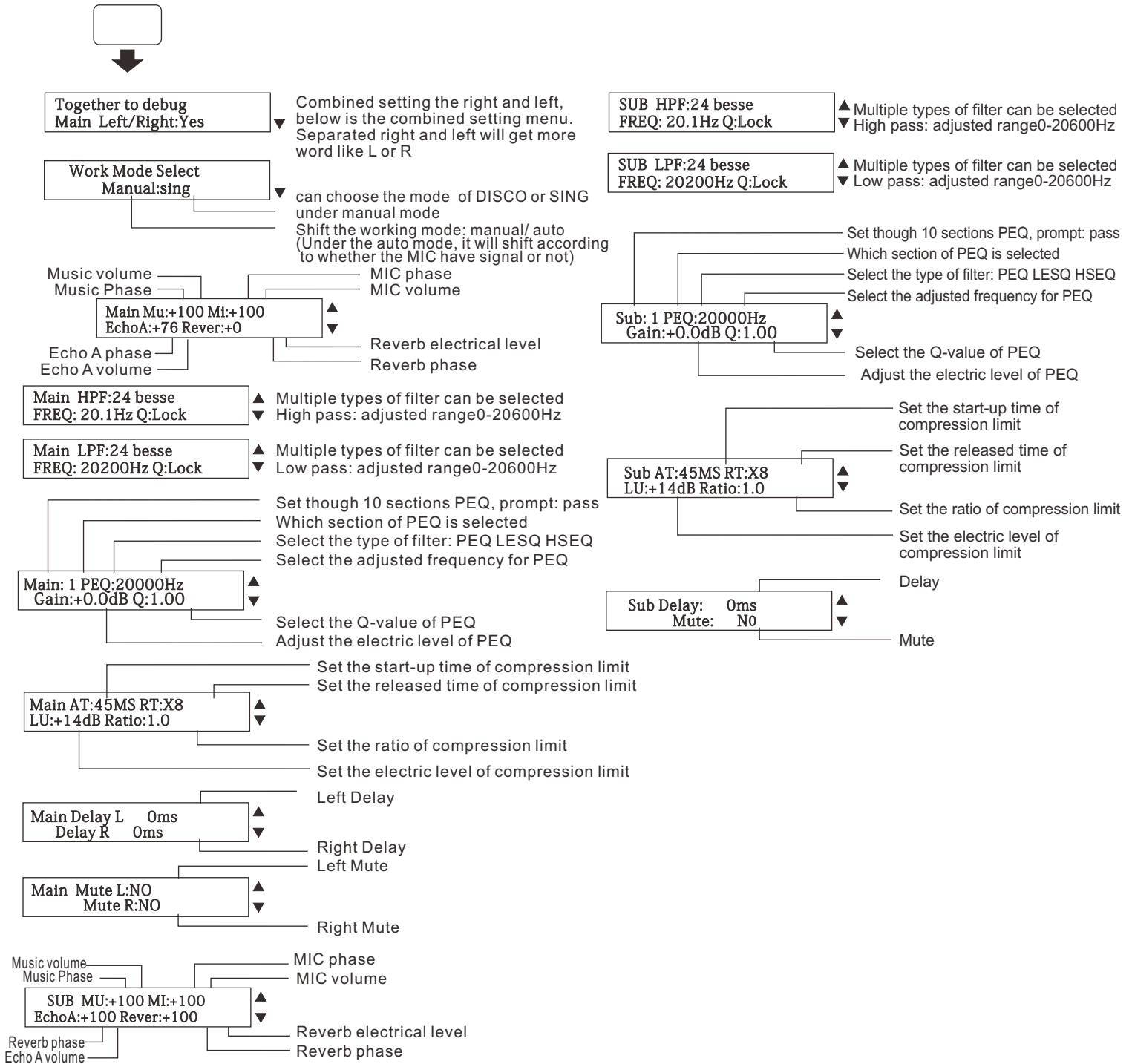
## Set the parameter of effecter



# Illustrate the function of processor menu

Main/Sub

Set the parameter of Main/Sub output

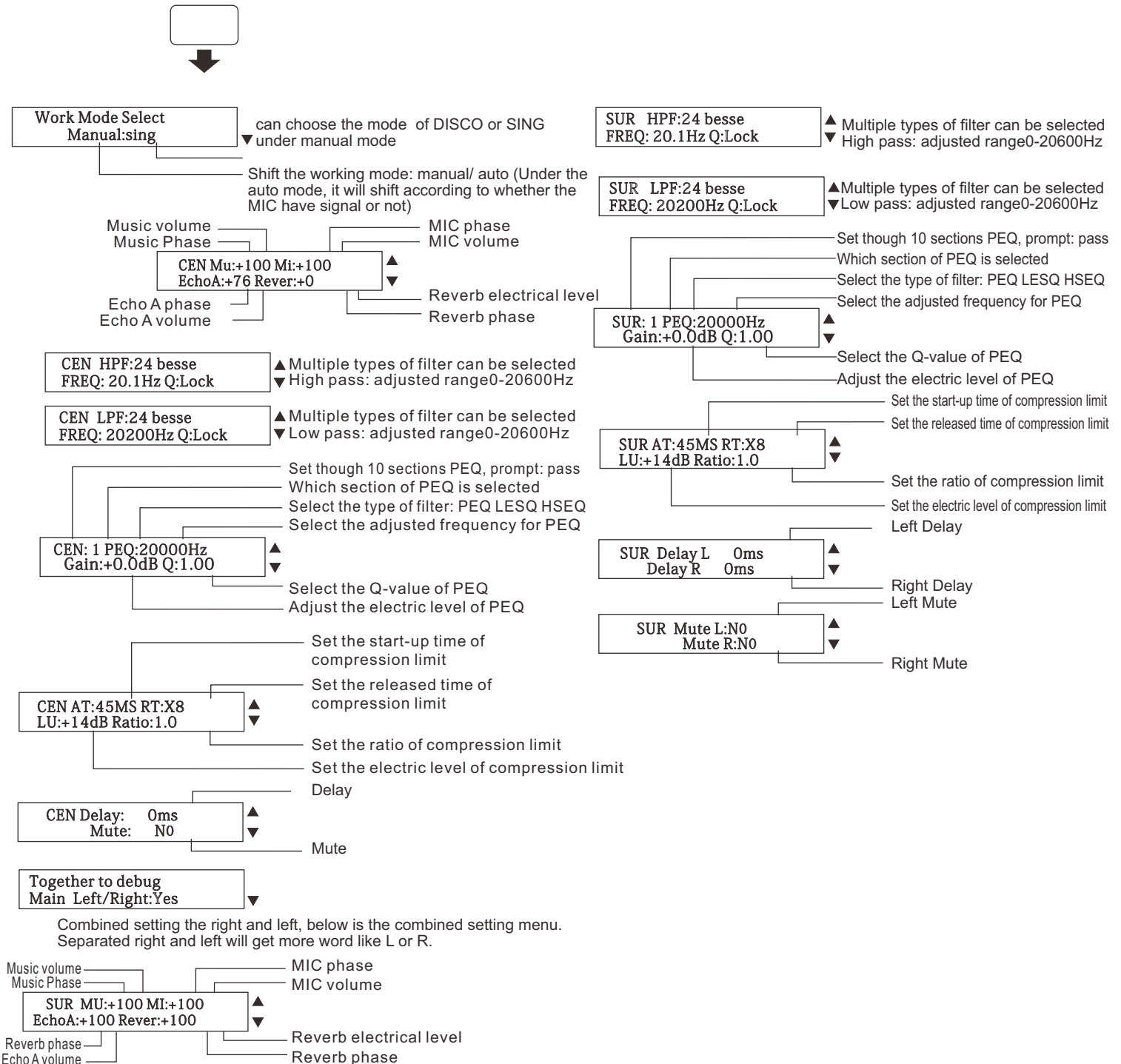




# Illustrate the function of processor menu

SEN/SUR

Set the parameter of Center and Surround



## Illustrate the function of processor menu

SAVE



**Set the parameter Save and Call**

Step 1. Press the button (SAVE) , prompt:

```
Save to Mode:XX
Factory Preset
```

Step 2. Press the button (UP), and the cursor is flashing, prompt:

```
Save to Mode:XX
Factory Preset
```

Step 3. Rotate the knob (SET), choosing the place for save and then press button (SAVE) again, prompt:

```
Save to Mode:XX No?
                        Yes?
```

Step 4. Press button (DOWN) to ensure the save, prompt:  
Press button (UP) to cancel the save and back to the standby display

```
Please Wait...
Mode save    ...
```

Step1. Long press button (SAVE), prompt:

```
Recall Mode:XX
Factory Preset
```

Step 2. Press button (UP), and the cursor is flashing, prompt:

```
Recall Mode:XX
Factory Preset
```

Step 3. Rotate the knob (SET), choosing which parameter needs to be called and then press button (SAVE) again, prompt:

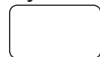
```
Recall Mode:XX No?
                        Yes?
```

Step 4. Press button (DOWN) to ensure the call, prompt:

```
Please Wait...
```

## Illustrate the function of processor menu

System



### Set the parameter of system

Music Input port Input: 1/2    Gain:0/3/6dB	→	(Select the Music input port) Input: 1 Gain:0
Auto Keyset Lock Mode: ON/OFF	→	(Automatic keyset lock) (ON /OFF)
System Control Password: - - - - -	→	(Select the system mode) (Enter system code) (remark: original password: 123456; can change)
System Password Old/New: - - - - -	→	(The system password change) (Old/new password) (Remark: original password: 123456; can change)
Keyset Password Old/New: - - - - -	→	(The password of keyset lock can be changed) (Old/new password) (Remark: original password: 1234; can change)
Music Input Port Input:1      Gain: 0dB	→	Music Input Port: select the music input port Gain: Music Gain input, there are 3 choices: 0 d B, 3 d B, 6 d B, and the user mode can't be chosen
Auto Keyset Lock Mode: OFF	→	Automatic keyset lock, can choose ON or OFF
System Control Password: - - - - -	→	Enter system code (6 figures), can get in the using mode to choose the interface after entering the right code.
System Control Mode: Admin      YES?	→	Select the using mode. This equipment has two using modes for choosing: User/Admin. Under the User mode, the parameter can be changed but not saved. And the under the Admin mode, it can be changed and saved. The equipment mode is factory preset to Admin mode.
System Password Old: - - - - -	→	To change the system password, enter the old password (6 figures) at first, and then enter the new password after it corrects.
Keyset Password Old: - - - - -	→	To change the keyset lock, enter the old password (4 figures) at first, and then enter the new password after it corrects.
Music Start Volume Volume: 10	→	Set the start volume of music: 0-84
Music Limiter Volume Volume: 10	→	Set the limit volume of music: 0-84
MIC Start Volume Volume: 10	→	Set the start volume of MIC: 0-84
MIC Limiter Volume Volume: 10	→	Set the limit volume of MIC: 0-84
EFF Start Volume Volume: 10	→	Set the start volume of EFF: 0-84
EFF Limiter Volume Volume: 10	→	Set the limit volume of EFF: 0-84

## Illustrate the function of processor menu

Up/ESC



Press "Up/ESC", the cursor is blinking up, enter the UP setting of display, and then rotate the knob for parameter setting. If there are multi parameter setting on up, press button "Up/ESC" again, and enter the next parameter setting on up, in turns. Long press button "Up/ESC", back to the interface of main menu.

Down

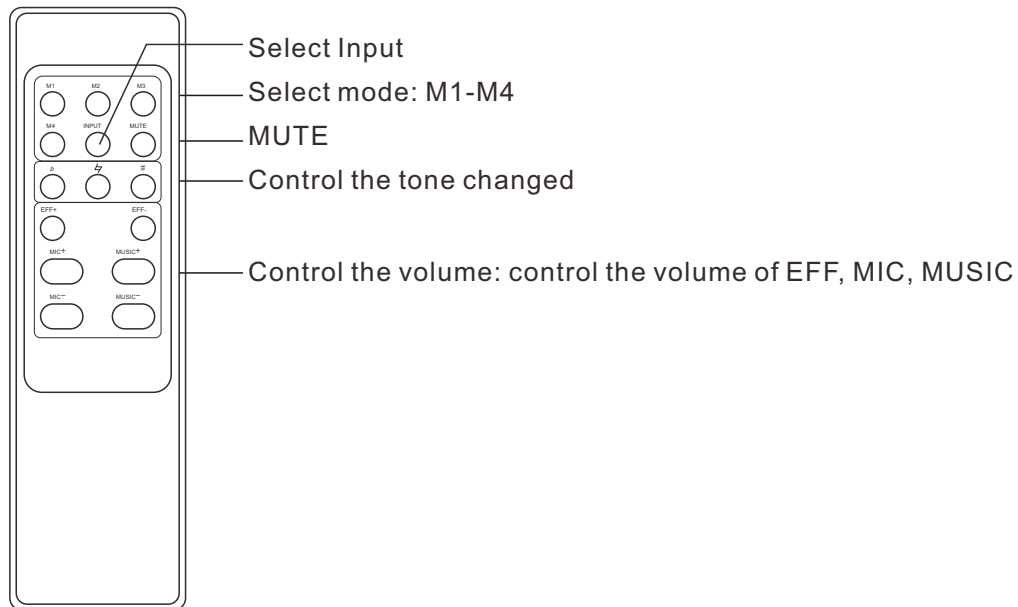


Press "Down", the cursor is blinking down, enter the Down setting of display, and then rotate the knob for parameter setting. If there are multi parameter setting on down, press button "Down" again, and enter the next parameter setting on down, in turns.

## Additional instructions of front panels operation

1. Power on and enter the main menu, the parameter on main menu is setting by 3 knobs. ("MIC"/ "EFFECT"/ "MUSIC"). Auto keyset lock is setting by "Auto keyset Lock" of "system". It must o enter the password of keyset lock to make it valid;
2. Press the function key accordingly to enter each function setting;
3. Press the same function key again; enter the down menu setting of this function key, in turns;
4. Press "Up/ESC", the cursor is blinking on up, enter the Upsetting of display, and then rotate the knob "Control" for parameter setting. If there are multi parameter setting on up, press button "Up/ESC" again, enter the next parameter setting on up, in turns;
5. Press "Down", the cursor is blinking down, enter the Down setting of display, and then rotate the knob "Control" for parameter setting. If there are multi parameter setting on down, press button "Down" again, enter the next parameter setting on down, in turns;
6. Long press button "Up/ESC", back to the interface of main menu;
7. When setting the password, Mic, Music, EFF, Main, CEN, UP/ECS, SAVE, SYSTEM, DOWN are represent to 1.2.3.4.5.6.7.8.9 respectively.

## Name and function of each part about remote-control



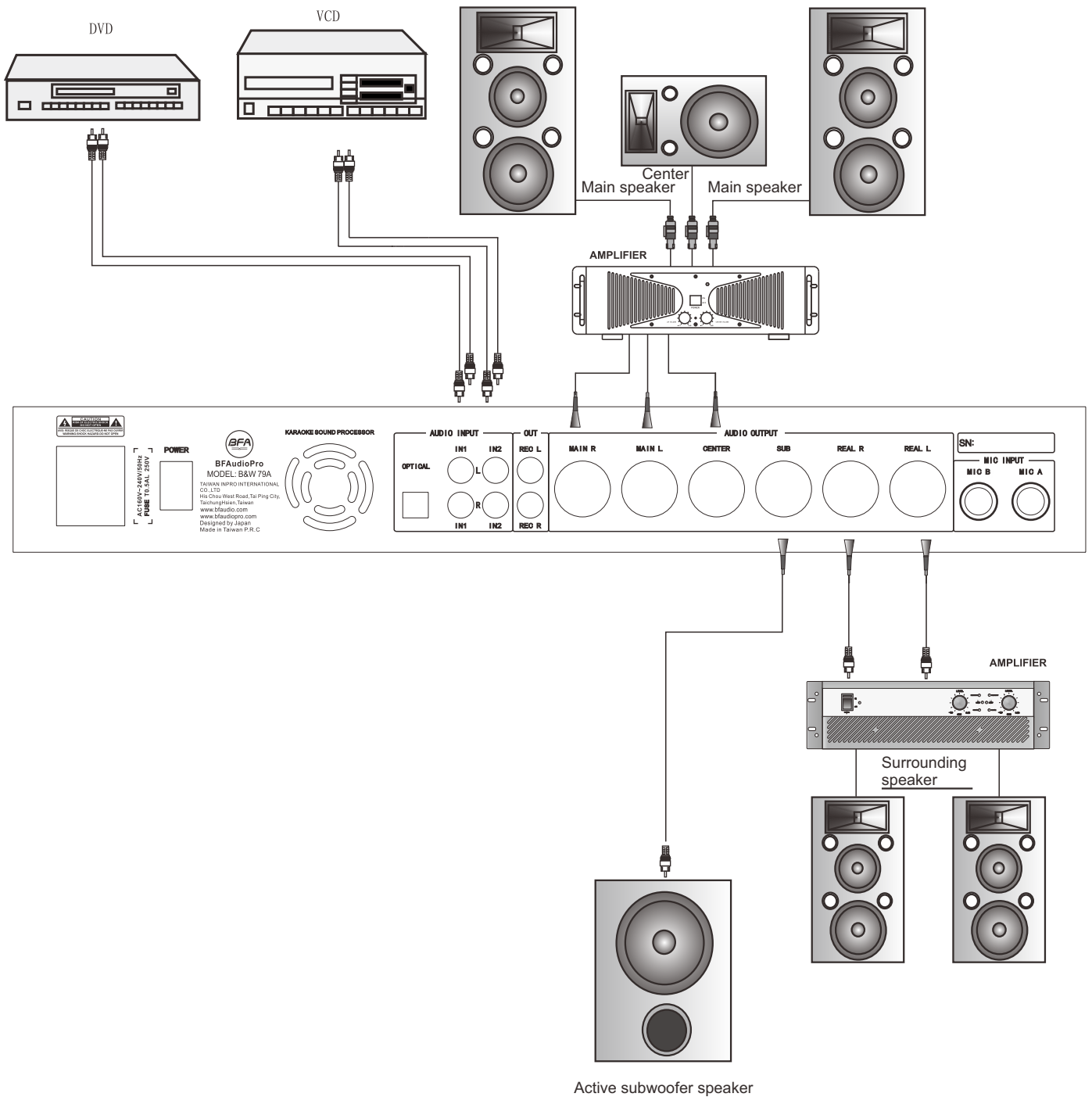
## Accessories

Please check whether the below accessories is complete or not when open the packing:

1. One instruction manual;
2. One certification;
3. One warranty card;
4. One power cable

## The Hookup of system

1. Connect all electric appliances as picture.
2. When connecting the speaker, the positive electrode and negative pole should be connected correspondingly.



## Performance index

ITEM NO.	
max input electric level	4V(RMS)
max output electric level	4V(RMS)
Gain of music channel	MAX:12dB
Sensitivity of MIC	64mV (Out:4V)
S/N	>80dB
Dimension (length*width*height)	483*218.5*65mm
N/W	3.5kg