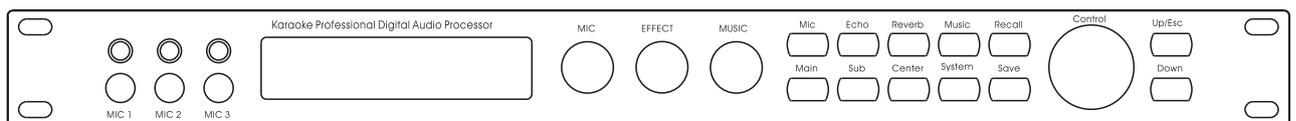
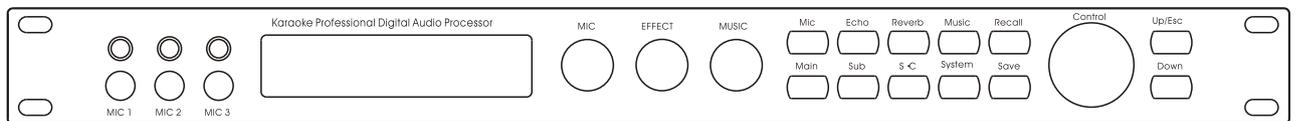


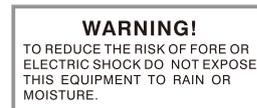
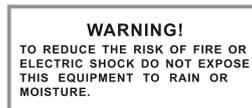
DIGITAL AUDIO PROCESSOR

OWNER'S MANUAL



NOTES

THANK YOU VERY MUCH FOR PURCHASING OUR DIGITAL PROCESSOR.PRIOR TO USE,BE SURE TO READ THIS OWNER'S MANUAL SO THAT YOU CAN MAKE THE MOST OF THIS UNIT.THE MANUAL WILL COME IN HANDY WHENEVER YOU COME ACROSS ANY QUESTION OR TROUBLE WHILE USING THE UNIT.



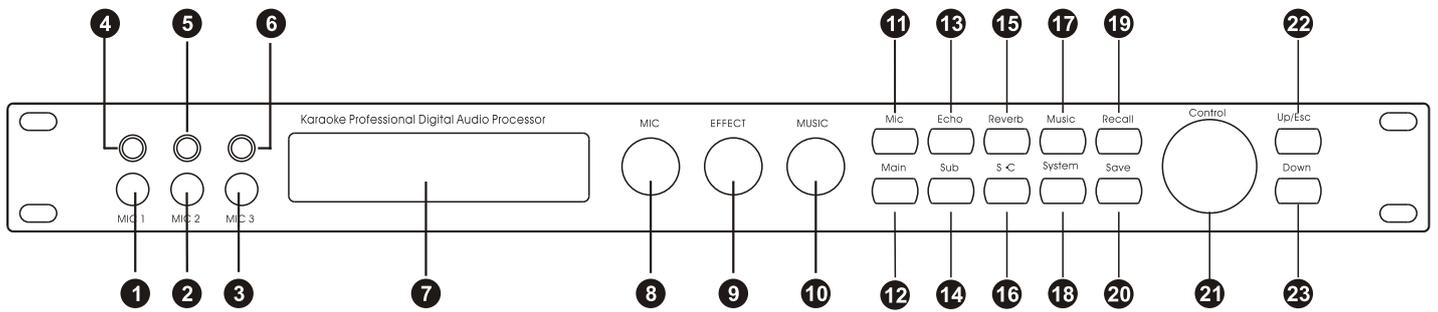
SPECIAL FEATURES

- This series product is speaker processor function effect, each part of the function of separate adjustable
- Adopt 24-bit Data Bus and 32-bit DSP
- MUSIC input is setup with 7 band parametric EQ
- MIC input is set up with 15 band parametric EQ
- Main output is setup with 5 band parametric EQ
- Centre & back & subwoofer output is setup with 3 band parametric EQ
- 3 level feedback eliminator of Microphone
- 16 modes can be saved in the machine
- Limiter and Delay function have been seted up in Main output, Centre output, Subwoofer output and Back output
- ADMIN mode and USER mode boths set up inside:Parameter can't be saved under USER mode
- Full-function menu has been seted up in the machine,and PC control is available

DIRECTORY

| | | |
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Front panel function description



- | | | |
|---|---------|--|
| ① | MIC 1 | Microphone input jack |
| ② | MIC 2 | Microphone input jack |
| ③ | MIC 3 | Microphone input jack |
| ④ | ----- | Microphone1 volume control |
| ⑤ | ----- | Microphone2 volume control |
| ⑥ | ----- | Microphone3 volume control |
| ⑦ | ----- | LCD display |
| ⑧ | MIC | Microphone volume control |
| ⑨ | EFFECT | Effect volume control |
| ⑩ | MUSIC | Music volume control |
| ⑪ | MIC | Microphone parameter set up |
| ⑫ | Main | Main channel parameter set up |
| ⑬ | Echo | Echo parameter set up |
| ⑭ | Sub | Sub-woofer parameter set up |
| ⑮ | Reverb | Reverb parameter set up |
| ⑯ | S.C | Rear center parameter set up |
| ⑰ | Music | Music parameter set up |
| ⑱ | System | System parameter set up |
| ⑲ | Recall | Preinstall and Recall |
| ⑳ | Save | Data save |
| ㉑ | Control | Function button:turn left/right to adjust different parameters |
| ㉒ | Up/Esc | Up-LCD:press it shinning |
| ㉓ | Down | Down-LCD:press it shinning;long press exit to main screen |

Menu function description:

1、Mic

(1) Mic Feedback

Mode: OFF、1、2、3

(2) Mic Filter

HPF FREQ: 0~303 Hz

(3) <MIC>/PASS: (15 Band EQ)

Gain: -24db~+12db

PEQ/LSEQ/HSEQ: 19.7Hz~20.6KHz

Q: 0.4~128/0.4~2.0 / 0.4~2.0

(4) MIC AT: 0.5~90ms

LU: -34~0dB

RT: × (2/4/6/8/12/16/24/32)

Ratio: 1.0~1.00

PEQ:

Q : 0.4~128

LSEQ: Low Shelving:

Q : 0.4~2.0

HSEQ: High Shelving:

Q : 0.4~2.0

2、Echo

(1) Echo EFF

Level: ± 0~100

Direct Level: ± 0~100

(2) Echo Pre_Delay: 0~250ms

HPF: 0~+1000Hz

LPF: 5.99KHz~20.6KHz

(3) Echo Delay: 0~500ms

Repeat: 0~90%

(4) Echo Delay R: -50%~+50%

Pre_Delay R: 0~50%

(5) Echo/PASS: (3 Band EQ)

Gain: -24db~+12db

PEQ/LSEQ/HSEQ: 19.7Hz~20.6KHz

Q: 0.4~128/0.4~2.0/0.4~2.0

3、Reverb

(1) Reverb

Level: ± 0~100

Direct Level: ± 0~100

(2) Reverb Time: 0~5000ms

Pre_Delay: 0~200ms

(3) Reverb HPF: 0~1000Hz

LPF: 5.99KHz~20.6KHz

Menu function description:

4、Music

(1) Music To Main Ch

HPF: 0~303Hz / (12dB / 24dB)

(2) Music / PASS: (7 Band EQ)

Gain: -24db~+12db

PEQ / LSEQ / HSEQ: 19.7Hz~20.6KHz

Q: 0.4~128 / 0.4~2.0 / 0.4~2.0

5、Recall

Recall Mode: 1~16

6、Main

(1) Work Mode Select

Manual : Sin9 / Disco / Auto:

(2) Main MU: \pm 0~200 MI: \pm 0~200

Echo: \pm 0~200

Rev: \pm 0~200

(3) Main / PASS: (5 Band EQ)

Gain: -24db~+12db

PEQ / LSEQ / HSEQ: 19.7Hz~20.6KHz

Q: 0.4~128 / 0.4~2.0 / 0.4~2.0

(4) Main AT: 0.5~90ms

LU: -20~14dB

RT: \times (2 / 4 / 6 / 8 / 12 / 16 / 24 / 32)

Ratio: 1.0~100

(5) Main Delay L: 0~50.0ms

Delay R: 0~50.0ms

(7) Main Mute L: Yes/No

Mute R: Yes/No

7、Sub

(1) Work Mode Select

Manual : Sin9/Disco / Auto : -----

(2) SUB Mixer

Music: \pm 0~400

MIC: \pm 0~400

(3) SUB HPF: Bessel 24dB / Butter 24dB / Link-R 24dB / User 12dB / User 24dB

FREQ: 0~303Hz Q: 0.4~1.5

(4) SUB LPF: Bessel 24dB / Butter 24dB / Link-R 24dB / User 12dB / User 24dB

FREQ: 0~303Hz Q: 0.4~1.5

(5) <SUB> / PASS: (3 Band EQ)

Gain: -24db~+12db

PEQ / LSEQ / HSEQ: 19.7Hz~20.6KHz

Q: 0.4~128 / 0.4~2.0 / 0.4~2.0

(6) SUB AT: 0.5~90ms

LU: -20~14dB

RT: \times (2 / 4 / 6 / 8 / 12 / 16 / 24 / 32)

Ratio: 1.0~100

(7) SUB Delay: 0~50.0ms

Mute: Yes / No

Menu function description:

8、S · C

(1) Work Mode Select

Manual : Sing / Disco / Auto : -----

(2) CEN MU: \pm 0~200 MI: \pm 0~200
Echo: \pm 0~200 Rev: \pm 0~200

(3) CEN Filter

HPF: 0~303Hz / (12dB / 24dB)

(4) <CEN> / PASS: (3 Band EQ) PEQ / LSEQ / HSEQ: 19.7Hz~20.6KHz
Gain: -24db~+12db Q: 0.4~128 / 0.4~2.0 / 0.4~2.0

(5) CEN(中置压限) AT: 0.5~90ms RT: \times (2 / 4 / 6 / 8 / 12 / 16 / 24 / 32)
LU: -20~14dB Rati0: 1.0~100

(6) CEN Delay: 0~50.0ms
Mute: Yes / No

(7) SUR MU: \pm 0~200 MI: \pm 0~200
Echo: \pm 0~200 Rev: \pm 0~200

(8) SUR Filter

HPF FREQ: 0~303Hz

(9) SUR / PASS: (3 Band EQ) PEQ / LSEQ / HSEQ: 19.7Hz~20.6KHz
Gain: -24db~+12db Q: 0.4~128 / 0.4~2.0 / 0.4~2.0

(10) SUR AT: 0.5~90ms RT: \times (2/4/6/8/12/16/24/32)
LU: -20~14dB Rati0: 1.0~100

(11) SUR Delay L: 0~50.0ms
Delay R: 0~50.0ms

(12) SUR Mute L: Yes / No
Mute R: Yes / No

9、System

(1) Music Input port

InPut: 1 / 2 Gain: 0 / 3 / 6dB

(2) Auto Keyset Lock

Mode: ON / OFF

(3) System Control

Password: ----- Initial password:123456;can be reset)

(4) System Password

Old / New: ----- Initial password:123456;can be reset)

(5) Keyset Password

Old / New: ----- Initial password:1111;can be reset)

Menu function description:

(6) Music Start Volume

Volume: 0~84

(7) Music Limter Volume

Volume: 0~84

(8) MIC Start Volume

Volume: 0~84

(9) MIC Limter Volume

Volume: 0~84

(10) EFF Start Volume

Volume: 0~70

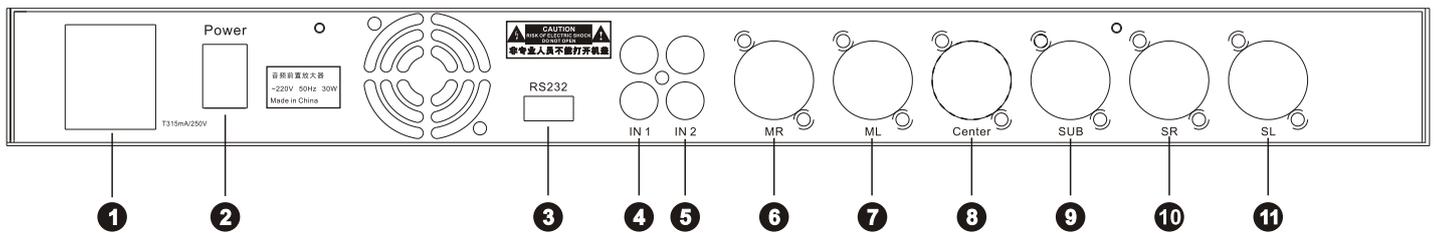
(11) EFF Limter Volume

Volume: 0~70

10、 Save

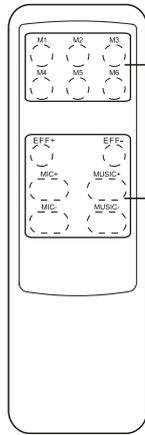
Save to Mode: 1~16

Rear panel function description



- ① AC power jacks;
The AC power input, put the power line plug into the AC 220V power socket with requirements when using.
- ② POWER:
The power switch.
- ③ Rs232 communicate jack
This port is connected to a PC or Karaoke machines, it's convenient for the machine control and debugging.
- ④ IN1: audio input jack1
Audio and video RCA inputs (BGM/AUX).
- ⑤ IN2: audio input jack2
Audio and video RCA inputs (BGM/AUX).
- ⑥ MR: Main channel right output
- ⑦ ML: Main channel left output
- ⑧ CENTER: Center output channel
- ⑨ SUB: Sbu-woofer output channel
- ⑩ SR: Surround channel right output
- ⑪ SL: Surround channel left output

Remote controller instructions



Mode selection

Mode selection: M1~M6

Volume Control

Volume Control: Effect, Microphone, Music level

Function instructions

1. According to the diagram to connect all electrical equipment
2. On the speakers when the anode to correspond to the anode and the cathode to the corresponding negative

Accessory

In unpacking take machine, please check the attachment is complete:

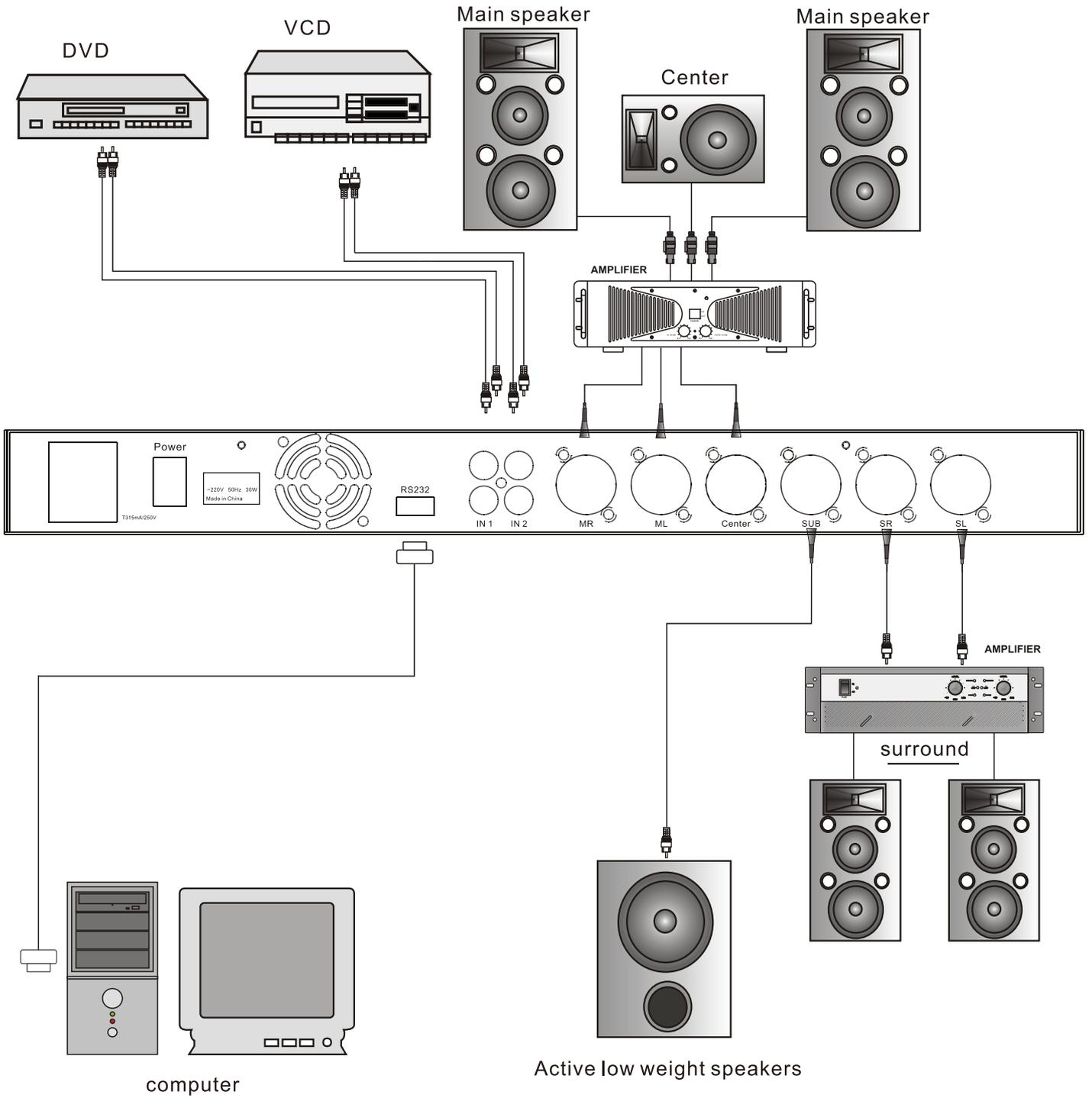
1. Manual
2. Warranty card

Performance index

Performance specifications change without prior notice.

| | |
|--------------------|------------------|
| Max input level | 4V (RMS) |
| Max output level | 4V (RMS) |
| Music channel gain | MAX: 12dB |
| Mic sensitivity | 64mV (Out: 4V) |
| S/N | >80dB |
| Input Voltage | ~220V 50Hz |
| Measure | 483×218.5×47.5mm |
| N.W | 3.5Kg |

System connection diagram



A U D I O C O R P O R A T I O N

