设 计 文 件 更 改 通 知 单

产品型（编）号	产品名称	更改期限	设计属性	更 改 原 因	更改单号
KT312A	说明书	2014.11.27	设计交接☐ 自主设计☑	设计改进 ☐ 工艺改进 ☐ 客户要求☐ 消除错误 ☐ 贯彻标准 ☐ 降低成本 ☐ 外购件改变☐ 其 他 ☑	1412005

更改标记	更 改 内 容
a	

说明：1、更改要有依据！要对变更后的产品成本作出修正，对变更所产生的呆滞物料要有处理意见，涉及失职的要落实好责任人。

2、成本有变化的必须经财务签字、责任由客户承担的必须由营销签字。

在（080604806/080604663/080604722/080604723）请对应成品中清单更改(说明书型号合并发生变更)

更改前：

1、 ~~070402593 (KT312A 狮吼)说明书 英文~~

2、 ~~070402683(KT312A 无商标)说明书 英文~~

3、 ~~070402647(KT312A 狮吼)说明书 英文 编码取消~~

4、 ~~070402715(KT15A/18SA/328A 无商标)说明书 英文 编码取消~~

更改后：

1、070402593 (KT312A/15A/18SA/328A 狮吼)说明书英文

1、070402683 (KT312A/15A/18SA/328A 无商标)说明书英文

送至单位		
部门名称	发放内容	OA通知记录
计划部	更改单☑	
财务部	更改单☑	
ERP 部	更改单☑	
品质部	更改单☑	
工程部	更改单☑	
采购部	更改单☑	
物控部	更改单☐	
营销部	更改单☐	
支架部件车间	更改单☐ 图纸☐	
注塑车间	更改单☐ 图纸☐	
焊线车间	更改单☐ 图纸☐	
电线车间	更改单☐ 图纸☐	
纸箱车间	更改单☐ 图纸☐	
机箱五金车间	更改单☐ 图纸☐	
箱体车间	更改单☐ 图纸☐	
电声车间	更改单☑ 图纸☐	
整机车间	更改单☐ 图纸☐	
PCB车间	更改单☐ 图纸☐ 清单☐	
支架装配车间	更改单☐ 图纸☐	
纸箱仓库	更改单☐	
整机仓库	更改单☐	
电线仓库	更改单☐	
焊线仓库	更改单☐	
电子仓库	更改单☐	
电声仓库	更改单☐	
支架综合库	更改单☐	

	签名/日期	物料编码	库存数	在制数	在途数	厂家库存	处理方案及责任人
拟 制	2014 11/26	070402593	0	0	0	0	无
审 核	12.2	070402683	0	0	0	0	
☐ 营销员		070402617	0	0	0	0	
☐ 计划员		070402715	0	0	0	0	
☐ PIE	11/28						
☐ ERP	11/27.14						
☐ 财务部							
标准化	12.4						
批 准	2014 12.3						

附录
图纸 2 张
第 页共 页

1、电声车间包含原喇叭、音箱、麦克风

2、箱体车间包含原木工、包皮、航空箱

3、支架装配包括大支架装配组

4、支架部件包含原支架五金、大支架五金、喷塑

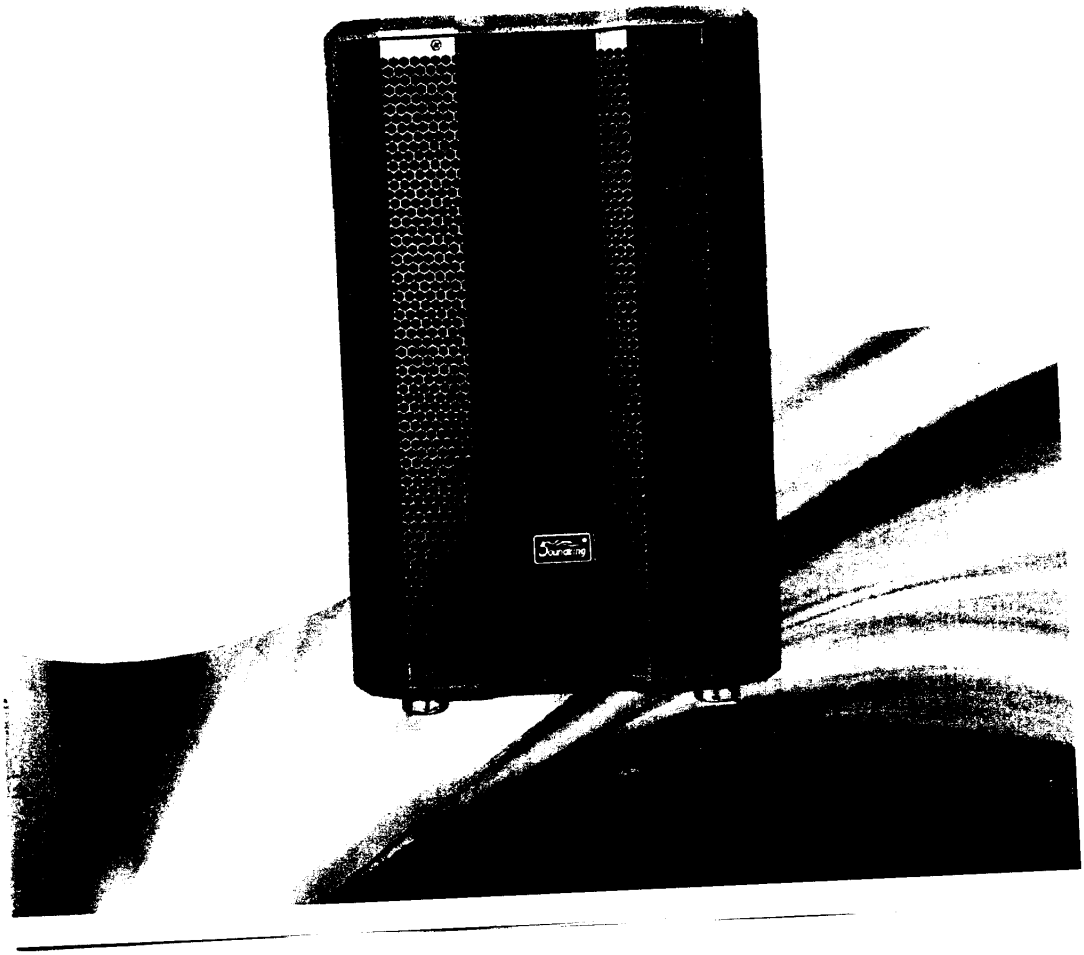
5、机箱车间包含原特种五金、丝印

KT312A/315A/118SA/328A

Soundking®

USER MANUAL

KT Series Active Coaxial Speaker Cabinet



IMPORTANT SAFETY SYMBOLS

The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.

The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety reasons.

Protective grounding terminal

Alternating current/voltage

Hazardous live terminal

ON: Denotes the apparatus is turned on

OFF: Denotes the apparatus is turned off.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the operator.

CAUTION: Describes precautions that should be observed to prevent danger of the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions.**
- **Keep these instructions.**
- **Heed all warning.**
- **Follow all instructions.**
- **Water & Moisture**
  The apparatus should be protected from moisture and rain, can not used near water, for example: near bath-tub, kitchen sink or a swimming pool, etc.
- **Heat**
  The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.
- **Ventilation**
  Do not block areas of ventilation opening. Failure to do could result in fire. Always install accordance with the manufacturer's instructions.
- **Object and Liquid Entry**
  Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.
- **Power Cord and Plug**
  Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

  Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety.
  If the provided plug does not fit into your outlet, refer to electrician for replacement.
- **Power Supply**
  The apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Fuse**
  To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.
- **Electrical Connection**
  Improper electrical wiring may invalidate the product warranty.
- **Cleaning**
  Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.
- **Servicing**
  Do not implement any servicing other than those means described in the manual. Refer all servicing to qualified service personnel only.
- Only use accessories/attachments or parts recommended by the manufacturer.
- **Warning**
  Please remember the high sound pressure do not only temporarily damage your sense of hearing, but can also cause permanent damage. Be careful to select a suitable volume.

1.Features

(1)Introduction

KT series active coaxial speaker cabinets use dual center coaxial speaker of HF for clear tone and even coverage and powerful bass. The power amplifier adopts CLASS-D technology for high efficiency and compact structure and light weight. DSP in clues EQ, X-OVER, LIMIT and DELAY, etc. DSP functions can be operated on the panel or via computer connected via USB.

(2)Features

1).Compact and light weighted cabinet with environmental friendly but durable finish

2).Plywood cabinet with slot-tongue structure

3).MF/HF use dual center coaxial technology to offer original sound and improve clearness.

4).CLASS-D power amplifier; 1500W power; reliable performance, low distortion, high efficiency;

5).The amplifier adopts unique voltage clip and current feedback clip circuit To avoid distortion when it is loaded heavily.

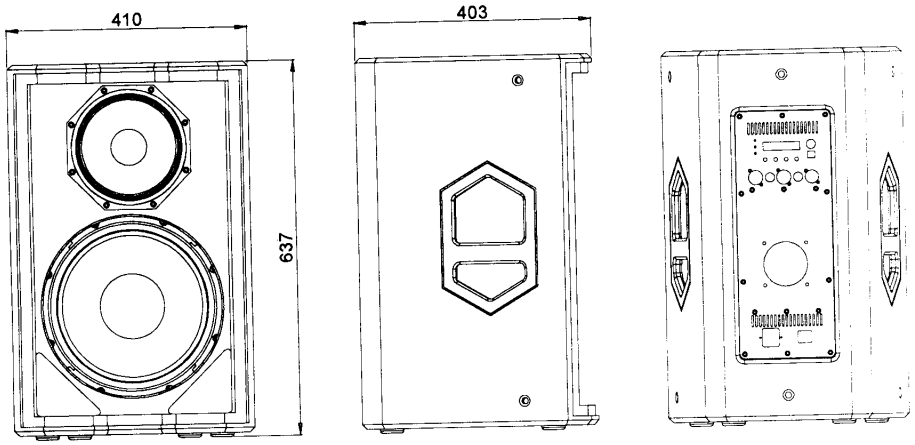
6).Digital EQ and crossover for user to adjust;

7).The parameters set by user can be saved to the computer. The data save in the computer and unit Can be used.

8).The cabinet has one 35mm pole socket, 12 M10 suspension points for quick setup.

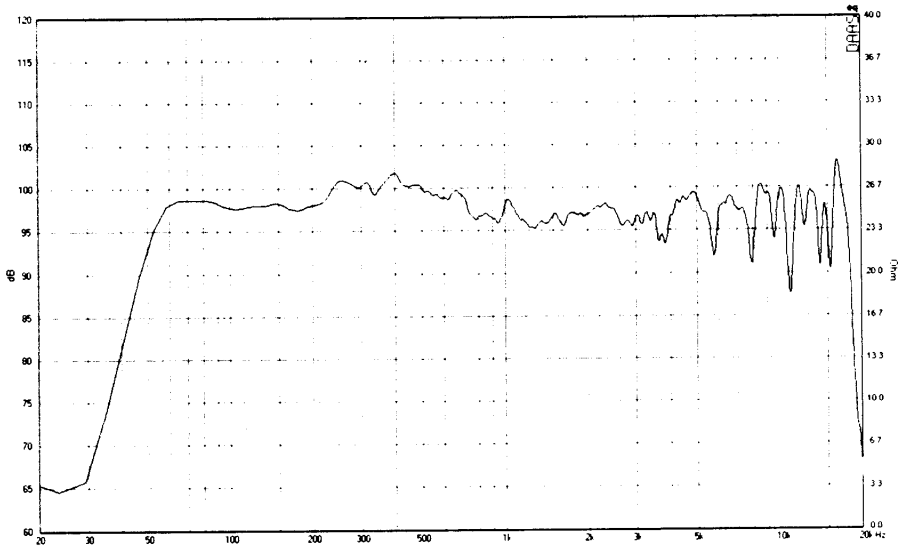
(3).Application:

Conference room, concert hall, multifunction hall, stage monitoring, etc

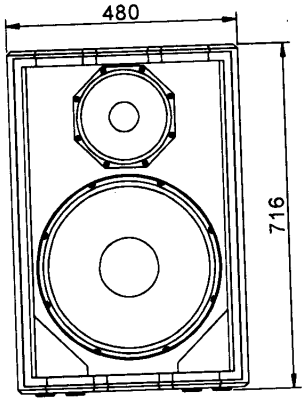


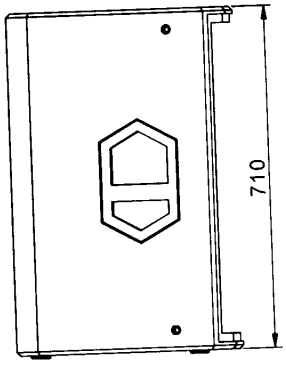
2.Specification

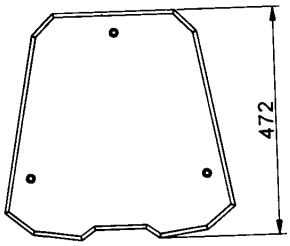
Model	KT312A
Ttype	12 inch 3 way active coaxial speaker cabinet
Frequency response	55Hz～18kHz±3dB
Input sensitivity	0dBu
Max SPL	136dB（Peak）
Amp power	1500W（EIAJ）
LF unit	12 inch/75mm Voice coil /400W/4Ω
MF unit	8 inch /51mmVoice coil /200W/8Ω
HF unit	44mm compression driver/1 inch/50W/8Ω
Coverage(H*V)	60° x 60°
Crossover	L-M:300Hz M-H:2kHz
Input connector	RCA/XLR
Input voltage	230V
Suspension system	12*M10 suspension+Φ35
Dimension(WxHxD)	410*637*403(mm)
Weight	27.5kg



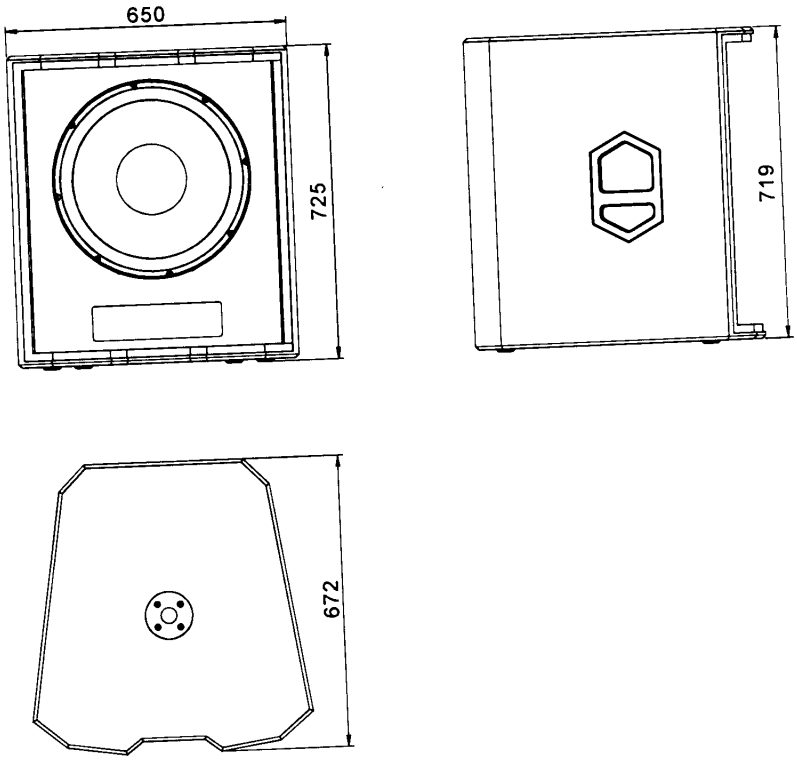
Model	KT315A
Type	15 inch 3way active coaxial speaker cabinet
Frequency response	50Hz~20kHz±3dB
Input sensitivity	0dBu
Max SPL	136dB (Peak)
Amp power	1500W (EIAJ)
LF unit	15inch woofer/75mm voice coil/500W/4Ω
MF unit	8 inch MF/51mm voice coil/200W/8Ω
HF unit	44mm compression driver/1inch throat/50W/8Ω
Coverage(H*V)	60° *60°
Crossover	L-M:300Hz M-H:2kHz
Input connector	RCA/XLR
Input voltage	230V
Suspension	12*M10 flying point+Φ35
Dimension(WxHxD)	480*716*472(mm)
Net weight	33.6 kg



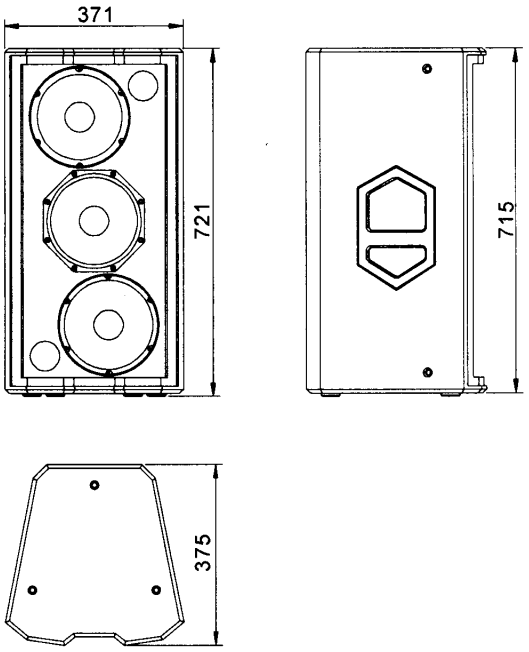




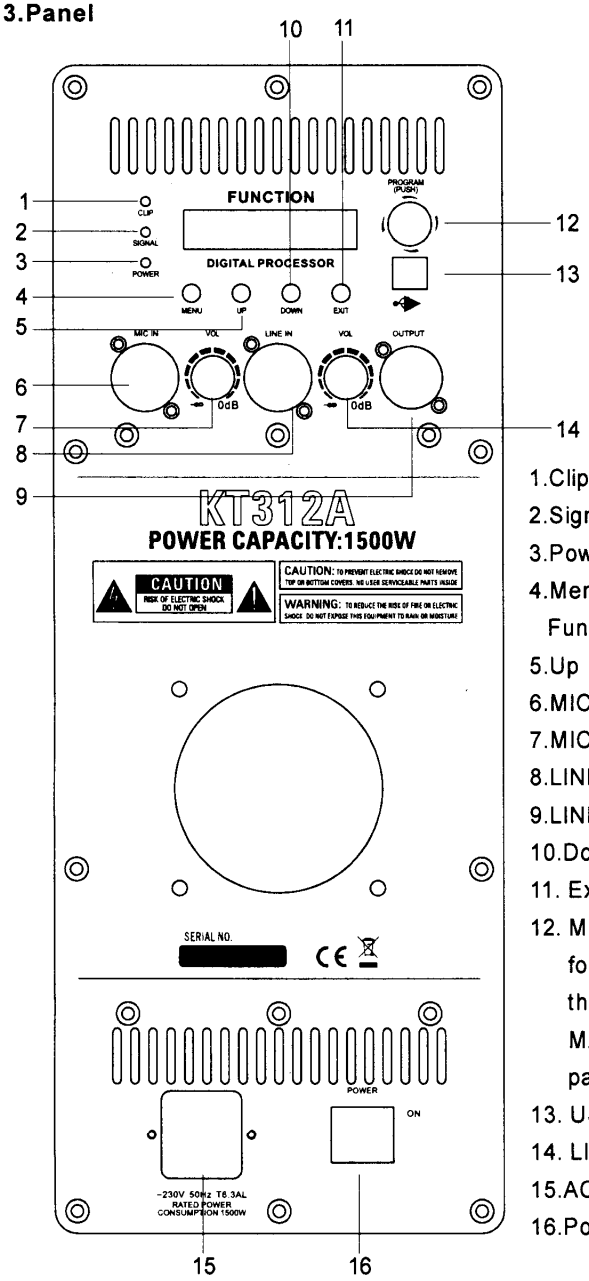
Model	KT18SA
Type	18 inch active subwoofer
Frequency response	35Hz～200Hz±3dB
Input sensitivity	0dBu
Max SPL	128dB (Peak)
Amp power	1500W (EIAJ)
LF unit	1x18inch woofer/100mm voice coil/700W/8Ω
Input connector	RCA/XLR
Input voltage	230V
Pole mounting	Φ35 pole socket
Dimension（WxHxD）	650*725*672(mm)
Net weight	49.5 kg



Model	KT328A
Type	8inch 3way active coaxial speaker cabinet
Frequency response	65Hz~20kHz±3dB
Input sensitivity	0dBu
Max SPL	136dB (Peak)
Amp power	1500W (EIAJ)
LF unit	2x8 inch woofer/38.6mm voice coil/150W/8Ω
MF unit	8inch MF/51mm voice coil/200W/8Ω
HF unit	44mm compression driver/1 inch throat/50W/8Ω
Coverage(H*V)	60° * 60°
Crossover	L-M:320Hz M-H:2kHz
Input connector	RCA/XLR
Input voltage	230V
Suspension	12*M10 flying point+Φ35
Dimension（WxHxD）	371*721*375(mm)
Net weight	25.2 kg

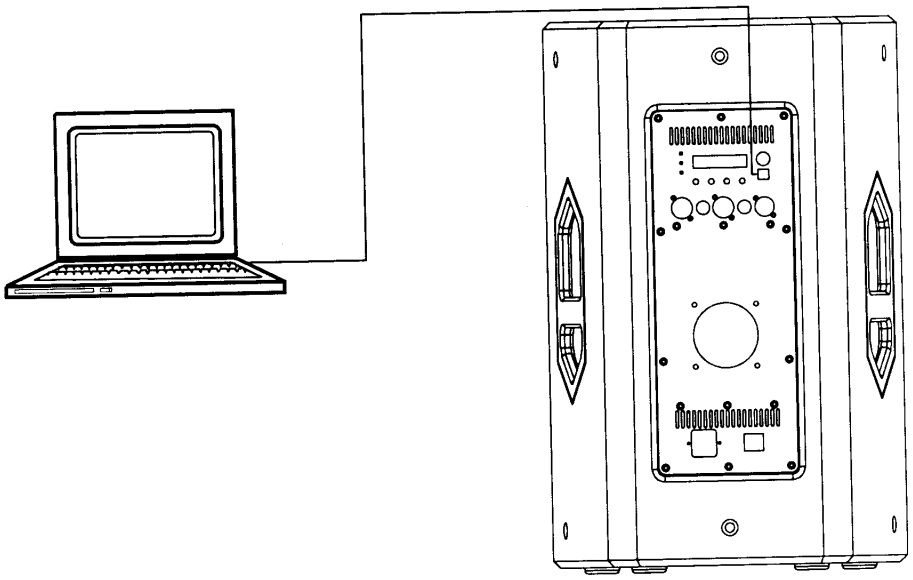


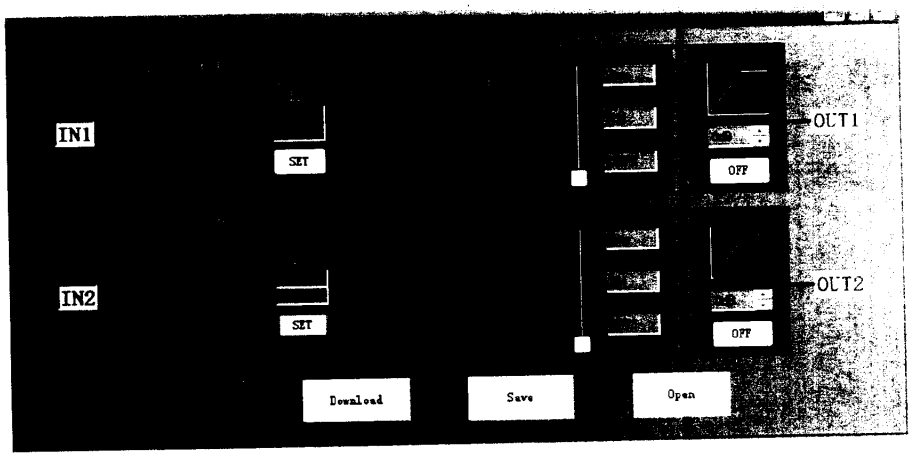
3.Panel



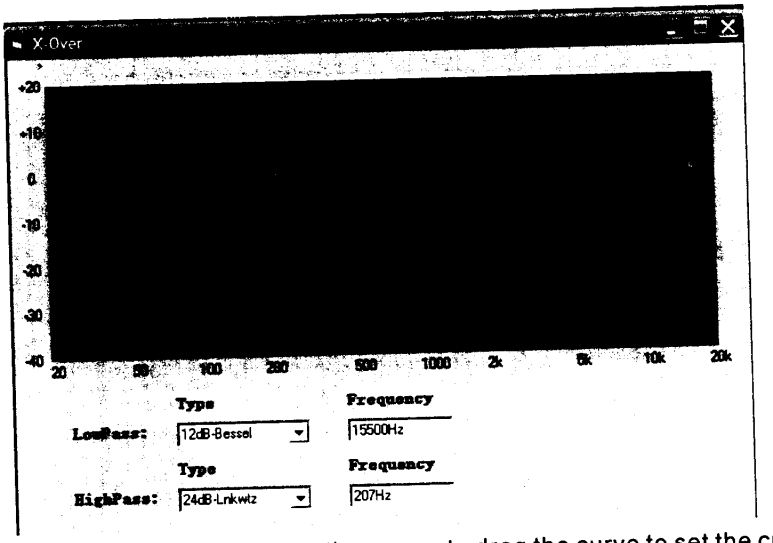
1.Clip LED
2.Signal LED
3.Power LED
4.Menu: press repeatedly to switch Function
5.Up
6.MIC in
7.MIC Vol
8.LINE in
9.LINK output
10.Down
11. Exit
12. Multifunction encoder: keep pressing for the adjustment status. Turn it in the main interface to adjust the MASTER volume. It can adjust the parameters in the adjustment status.
13. USB interface to link computer
14. LINE Vol
15.AC in
16.Power switch

4.Software interface setting

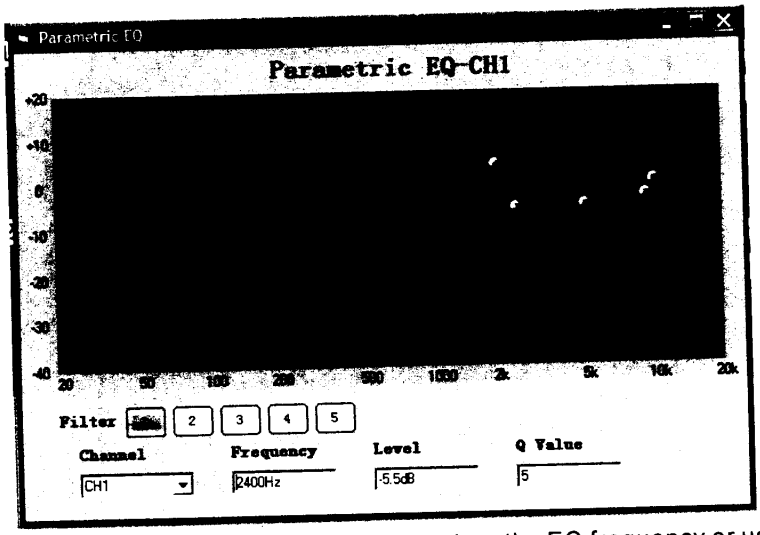




This is the PC software operation interface to process volume/gain/X-Over PEQ/delay/LIMITER, etc. The data user has set can be imported to PC or exported from PC.



This is the X-Over interface. Use the cursor to drag the curve to set the crossover or user can type in data to set the crossover. The highpass and low pass can set the octave attenuation.



This is the PEQ interface. Use the cursor to drag the EQ frequency or user can type in data to set the EQ frequency. Each EQ frequency can independently set the LEVEL/Q. Each channel can set five EQ。

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