



广州美睿音响器材有限公司

GUANG ZHOU MEI RUI AUDIO EQUIPMENT CO.,LTD

# SPECIFICATION FOR APPROVAL

## 承认书

Customer (客户): \_\_\_\_\_

Product Name (产品名称): 8寸低音

Our company Part No. (本厂型号): MR08H02A

Specification (规格): 铝架140磁52芯

Customer's Model No. (客户型号): \_\_\_\_\_

Specification No. (规格书编号): \_\_\_\_\_

Number of the edition (版本号): AA

### 目录 (Contents) :

制品规格书 (Specification)	---P. 2
频率响应特性图 (SPL VS Freq)	---P. 3
阻抗特性图 (IMP VS Freq)	---P. 3
成品图 (Product Drawing)	---P. 4
参数表 (Parameter List)	---P. 5
尺寸图 (Dimensioned Drawing)	---P. 6
包装仕様书 (Package Sample book)	---P. 7

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章

Approved by 核准	Checked by 审核	Issued by 制成

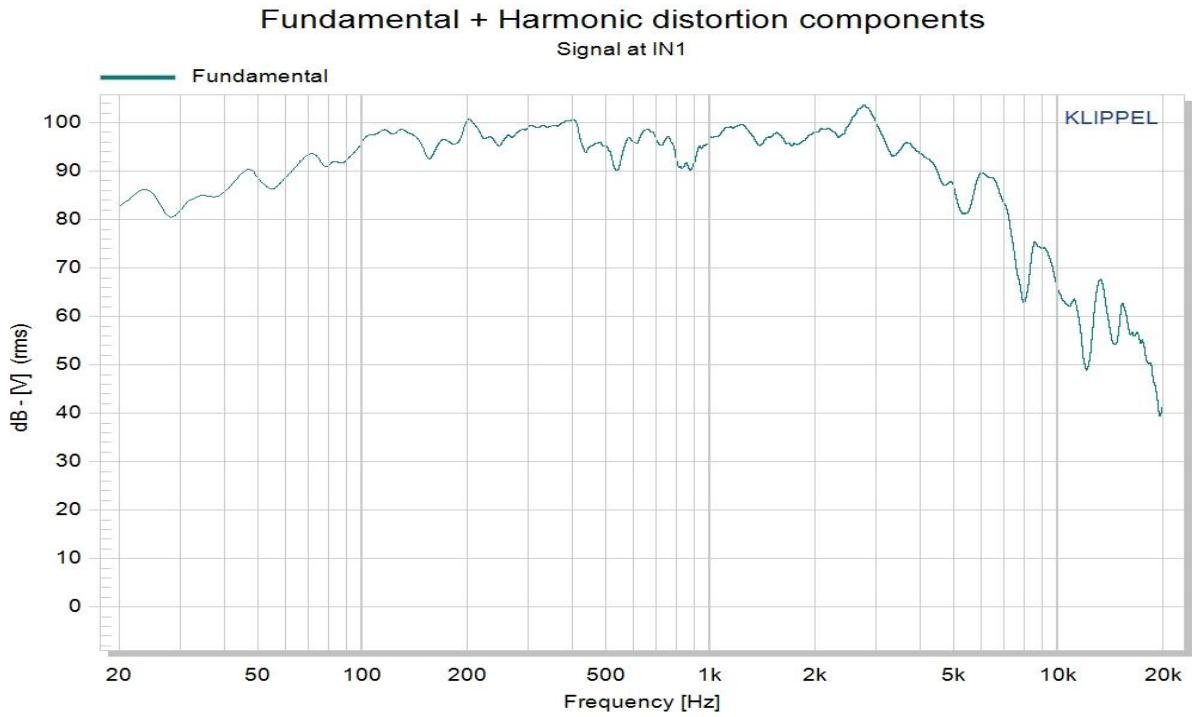


## 制品规格书

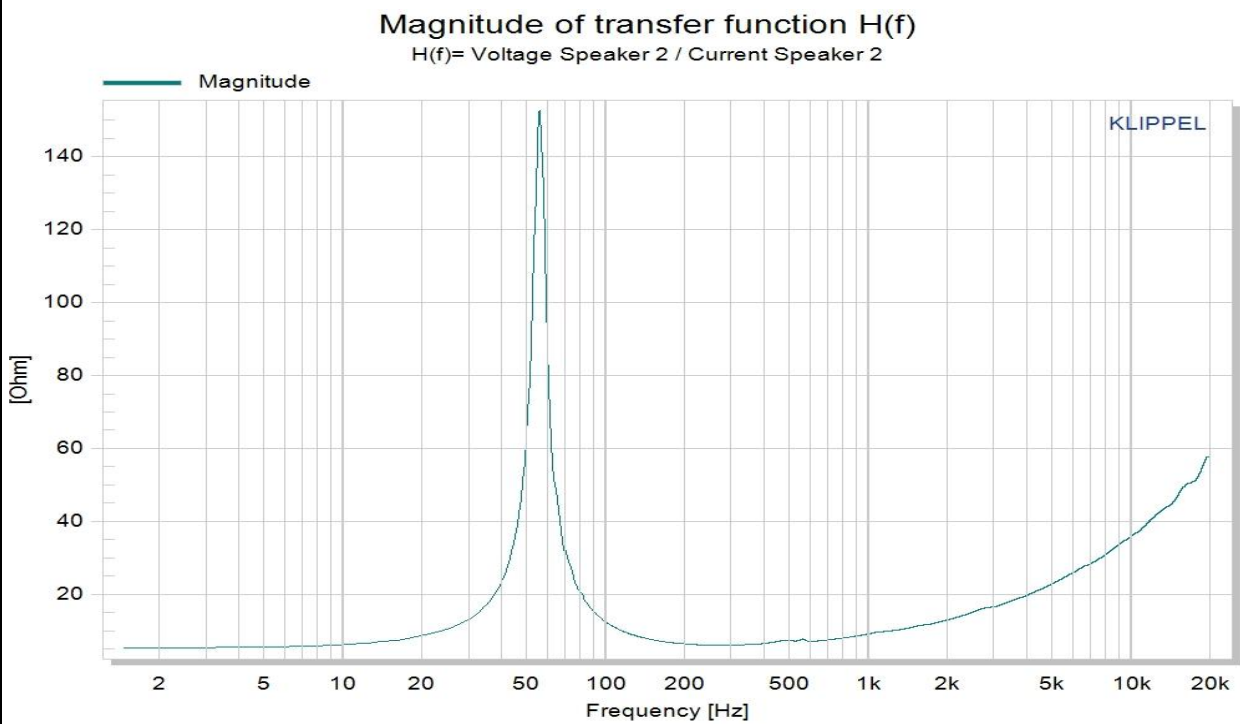
	试验项目	规格	测试条件
1	标称阻抗 NOMINAL IMPEDANCE	8Ω	
2	音圈 VOICE COIL	5.34Ω ±5%	喇叭的直流电阻
3	共振频率(F0) RESONANCE FREQUENCY	55±20% HZ	AT 1V
4	有效频宽 EFFECTIVE FREQUENCY	55-6.8kHz	Dev: -10db; AT 1V
5	输出声压水平 Output Sound Pressure	93±2dB	Sine Wave At 1 w, 1 m At 400 600 800 1000 KHZ
6	异常测试 BUZZES & RATTLE TEST	异常无发生	Inspect at 15.0 V
7	品质参数 QUALITY PARAMETER	MUST BE NORMAL	“KLIPPEL” System
8	等效容积 CUBAGE EQUIVALENT	19±30%	“KLIPPEL” System
9	额定输入功率 RATED INPUT POWER	150W	AES 工作频率范围: 55HZ-6.8KHZ
10	最大输入功率 MAXIMUM INPUT POWER	250W	
11	失真 DISTORTION	以下 7% MAX	
12	磁束密度 FLUX DENSITY	K GAUSS	
13	重量 WEIGHT	3KG	
14	前障板开口 BAFFLE OPENING	186mm	
15	绝缘电阻 INSULATION RESISTANCE	>10MΩ MORE	MEASURED WITH 100V DC APPLIED FOR 1 MIN BETWEEN A TERMINAL AND A FRAME
16	音圈规格 V.C. Size	51.5mm (2inch)	
17	磁铁 MAGNET	Main (主) 140*75*20 Sub (付)	
18	备注 Remark	Xmax 8mm	
19	负荷测试 Load Test	Rated Power, 2 Hours, Pink Noise, with Program Simulating Filter. Meeting Requirement of “Item6” after Test 以粉噪声在额定功率下, 串接模拟节目信号滤波器, 连续2小时测试结果需符合第6项之要求。	
20	耐热测试 Heat Test	60±2°C at 20~40%R.H. for 96 hours and room ambient condition for 1 hour.Meeting requirement of “Item 6” after test. 置于温度摄氏60+2°C. 湿度20~40%烘箱内96小时之后, 再放置于室内环境下	
21	低温试验 SUBZERO TEST	-18±2°C at 20~40%R.H. for 96 hours and room ambient condition for 1 hour.Meeting requirement of “Item 15” after test. 置于温度摄氏-18+2°C. 湿度20~40%烘箱内96小时之后, 再放置于室内环境	
22	耐湿测试 Humidity Test	40±2°C at 90~95% R.H. for 96 hours + room ambient condition for 1 hours.Meeting requirement of “Item 15” after test. 置于温度摄氏40+2°C. 湿度90~95%烘箱内96小时之后, 再放置于室内环境下	
23	极性测试 Polarization	With positive voltage applied to “+” terminal, the cone shall move away from pole piece. 当正电压接至“+”的端子板时, 纸盆移离上板	



## 喇叭曲线图 频响曲线



## 阻抗曲线





喇叭成品图

正面图



背面图





## 产品规格书

### Specification

Model:MR08H02A 铝架140磁52芯

### General Specifications 普通规格

Nominal Diameter	标准直径	210mm/8.24inch
Nominal Impedance	标称阻抗	8Ω
AES Power Handling	AES功率	150W (AES)
Maximum Power	最大功率	250W
Sensitivity 1W/1M	灵敏度	93dB
Frequency Range	频响范围	55-6.8KHZ
Voice Coil Diameter	音圈直径	51.5mm/2 inch
Winding Material	线材	Copper
Former Material	管材	KaPton
Winding Depth	卷幅	15.5mm
surround material	折环材质	Polycotton
surround Design	折环设计	M-roll
Magnet	磁体	Φ140 Ferrite Ring

### Thiele & Small Parameters 参数

Resonance Frequency	共振频率	Fs	55Hz
DC Resistance	直流电阻	Re	5.34Ω
Mechanical Factor	机械品质因数	Qms	11.3
Electrical Factor	电品质因数	Qes	0.38
Total Factor	总品质因数	Qts	0.37
BL Factor	磁力	BL	11.57T.m
Effective Moving Mass	有效移动质量	Mms	27.6g
Compliance	力顺	Cms	302uM/N
Equivalent Cas Air Load	有效容积	Vas	19.04L
Effettive Piston Area	振动面积(有效活塞面积)	Sd	211.24cm <sup>2</sup>
η (Eta Zero)	扬声器效率	η0	0.80%

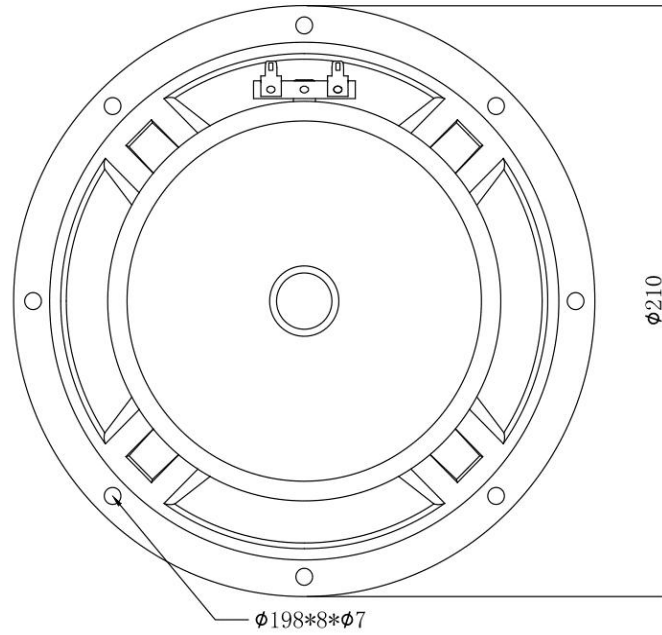
### Mountiong & Shipping Information

Overall Diameter	外径	210mm
Bolt circle diameter	安装孔径	198mm
Baffle Cutout Diameter	面板开孔径	186mm
Depth	高度	98mm
Net Weight	净重	3KG
Shipping Weight	毛重(单个装)	/KG
Shipping Box(Single)	单包装尺寸(单个)	/ cm

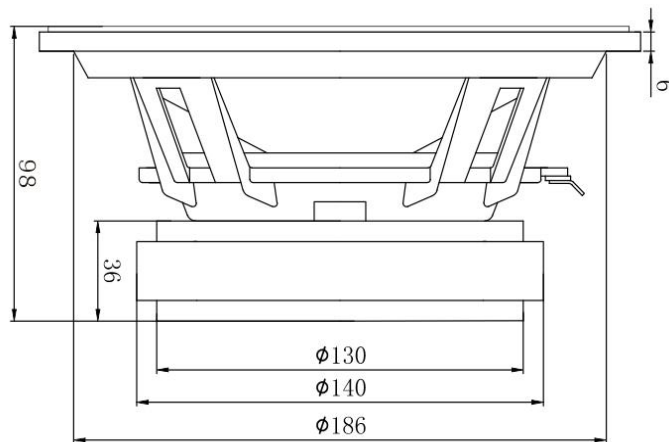


成品尺寸图

正面尺寸图



侧面尺寸图





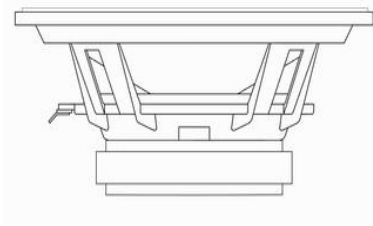
## 包装规范 Packaging specifications

本厂型名  
Model Colde

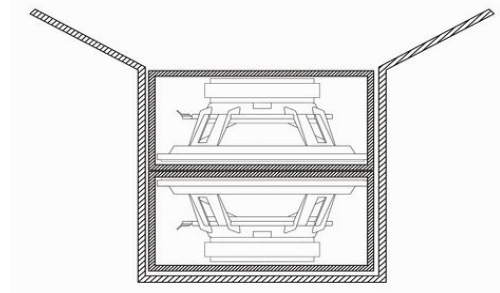
MR08H02A

包装方法：将喇叭用塑胶袋装好，放入内箱封装，封装好的内箱两正两反相叠放入外箱并封装，并将标签如（图6）贴付。

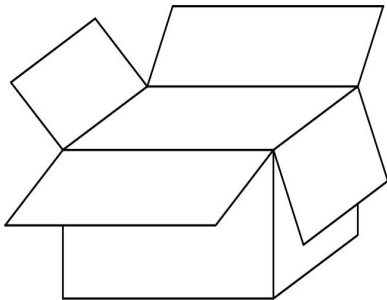
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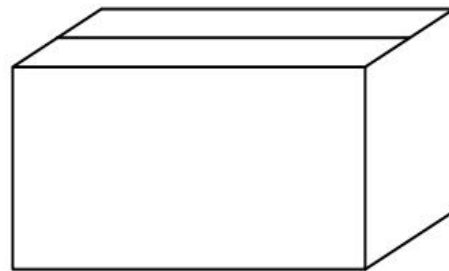
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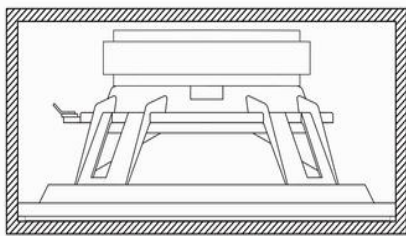
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