



深圳市兴华鑫电子科技有限公司

Shenzhen xinghuaxin Electronic Technology Co., Ltd

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer):

客戶料號 (Customer P/N):

興華鑫型號 (Supplier

P/N):

XHxDZ-1609 圆磁带线

產品名稱 (Description):

喇叭 (Speaker)

產品規格 (Specification):

8 欧 1 瓦

客戶承認欄 (Customer Authorization Signature)	深圳市興華鑫電子科技有限公司 承認欄 (Supplier Audit)		
	審核	檢查	制作
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CUSTOMER		PREPARED	CHECKED	APPROVED
CUSTOMER PART NAME				
PRODUCT ITEM NAME	XHXDZ-1609 圆磁带线			
SAMPLE NAME				

1. Scope

The applications of this receiver are subjected to the following items;

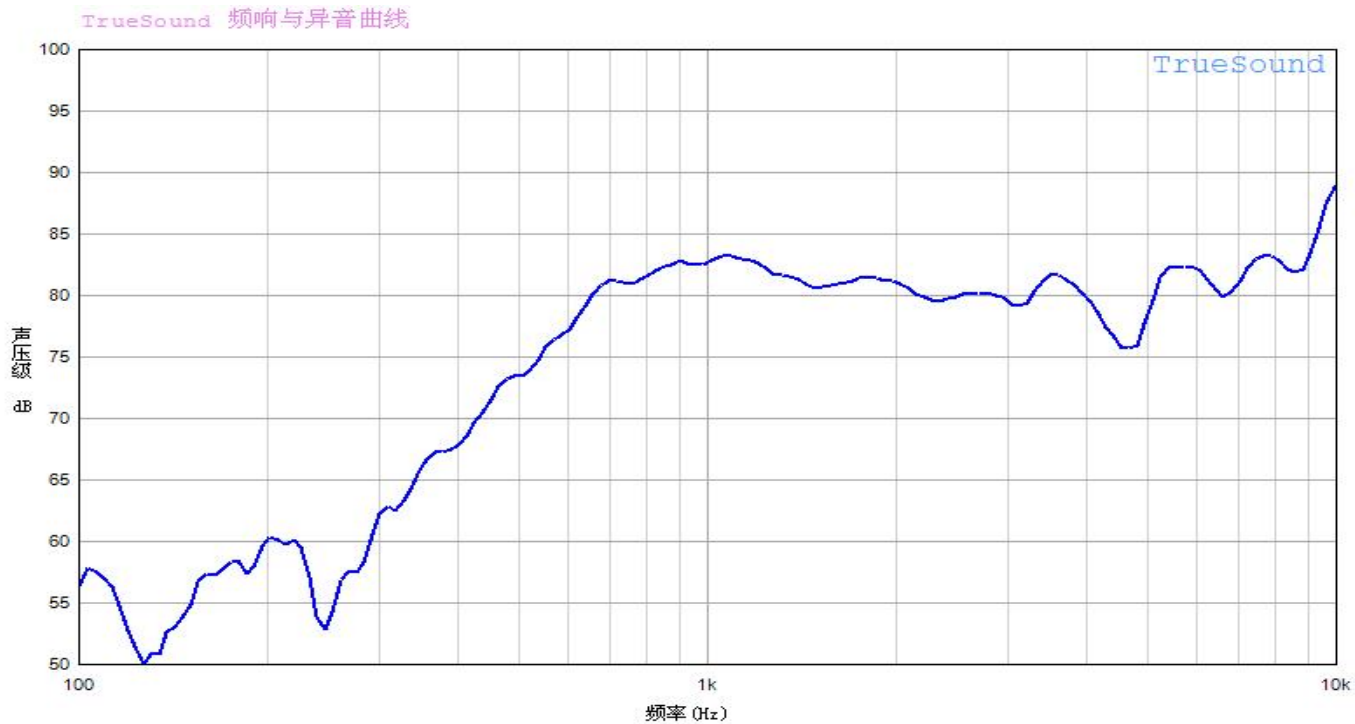
2. General specifications.

N O.	ANALYSIS ITEMS	SPECIFICATIONS	
2.1			
2.2	TRANSDUCING FUNCTION	SPEAKER	
2.3	OUT SIDE SIZE	16×19mm	
2.4	UNIT WEIGHT	2.2g	
2.5	NOMINAL IMPEDANCE	8.0 Ω ±15% Ω	At 1 KHZ 1.0Vms(sine wave)

3.Receiver mode characteristics(Application for ear pinna closely)

NO.	ANALYSIS ITEMS	SPECIFICATIONS	CONDITIONS
3.1	FREQUENCY RANGE	1750±20%Hz	in free air
3.2	SOUND PRESSURE LEVEL	83db±3db	At 1000mVrms/10cm at 2KHZ
		IEC 318 Standard Artificial Ear Simulator	
3.3	RATED POWER	0.5W	At 2000mV(Sine wave)
3.4	MAXIMUM POWER	1.0W	At2830mV(Sine wave)
3.5	NON-LINEAL DISTORTION FACTOR	Less than max 15%	At 800~1.2KHZ 1800mV input
3.6	OPERATION TEST	No one should perceive noise of sine wave2000mV of 300HZ-3.4KHZ audio frequency put into operation	

■频率响应曲线图 TYPICAL FREQUENCY RESPONSE CURVE (Fig.2)



■失真曲线图 SPEAKER DISTORTION CURVE(fig.3)

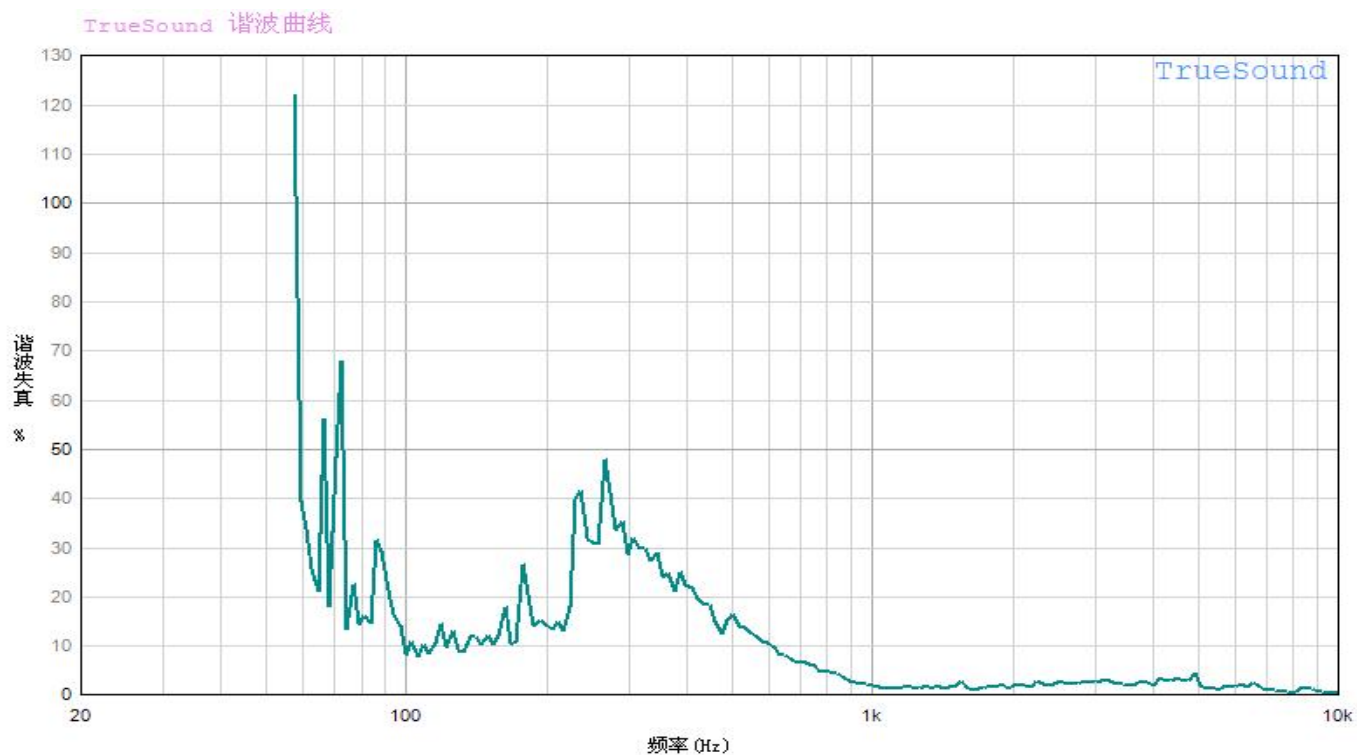
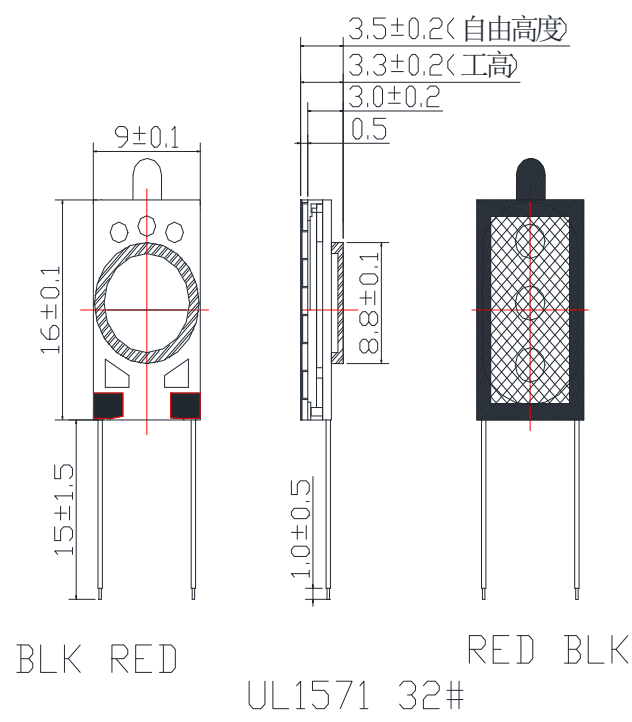


Fig.3 Typical distortion frequency response curve

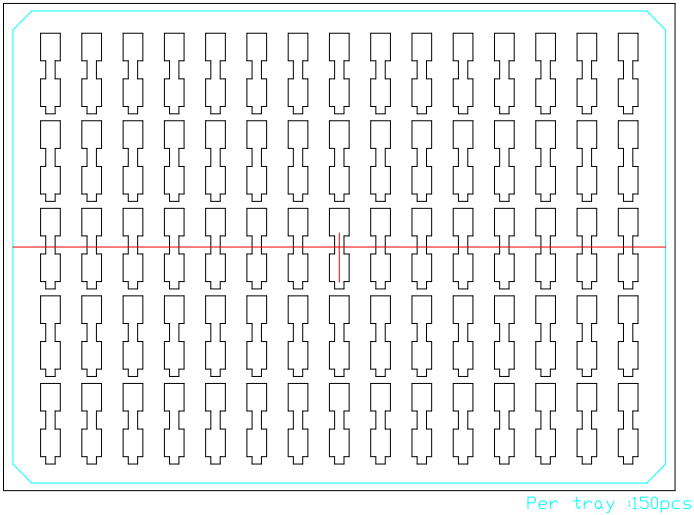
4.Environmental characteristics.

NO.	ANALYSIS ITEMS	CONDITIONS	
4.1	OPERATING TEMPERATURE RANGE	-40°C--85°C	
4.2	STORAGE TEMPERATURE RANGE	-20°C--70°C	
4.3	APPEARANCE	Should not exist any obstacle to be harmful to normal Operation: damages, cracks, rusts, and distortions, etc.	
4.4	RESULTS OF AFTER TEST	Sensitivity difference shall be within (3db) and should satisfy the list on item 3.2,3.4,3.6 after each following test.	
4.5	TERMINAL STRENGTH	Capable of withstanding (0.5kg) load for (30 sec) without resulting in any damage or rejection.	
4.6	LOAD TEST	Shall be normal after tested, input 2000mV 0.5W White noise (EIA filter)96 Hrs in 1cc box.	
4.7	HIGH TEMPERATURE DURABILITY	85°C±2°C (24 Hrs) and keep (6 Hrs) in a room	
4.8	COLD TEMPERATURE DURABILITY	-40°C±2°C (24 Hrs) and keep (6 Hrs) in a room	
4.9	HUMIDITY DURABILITY	Temperature: +55 ±2°C relative humidity: 90% RH (24 Hrs) and keep (6 Hrs) in a room.	
4.10	TEMPERATURE CYCLE DURABILITY	Low temperature -20±2°C (2Hr). High temperature +70 ±2°C (2Hr): 1 cycle: total 12cycles and then keep(6Hr) in a room.	
4.11	VIBRATION DURABILITY	Vibration duration: X Y Z axis, frequency range :10—55Hz, Sweep ratio:10-55-10HZ/one Minute, Vibrationamplitude:1.5mm,Endurance:2 Hr each plan.	
4.12	DROP TEST	Time :3 times (corner, side, plain) Height: from 75cm on the concrete floor	

5. Product Outside View



6. PACKING DETAILED DATA



GSM	TITLE	SPEAKER
	MODEL	XHXDZ-1609 圆磁带线