



**APPROVAL SHEET
FOR
SPEAKER**

GUANGZHOU YUENENG TECHNOLOGY CO., LTD.

CUSTOMER:

MODEL NO.: YN10045-0805WD750

OUR PART NO.:

CUSTOMER PART NO.:

| CUSTOMER | APPROVED | CHECKED |
|----------|----------|---------|
| | | |

Add: ,132 Shishu Road, Yuexiu District, Guangzhou City, Guangdong China.

Mobile:+86-18924165988

WhatsApp: +86-18924165988

skype:18924165988

Email: cngzyn@163.com

| | | | | |
|----------------------|------------|------------------|-------------------|------------------------|
| SPECIFICATION | | MODEL NO. | YN10045-0805WD750 | Total Page 5 |
| ISSUED DATE | 2021/05/11 | SPEC. NO. | 2022/7/11 | |

1. SCOPE

THIS SPECIFICATION IS APPLIED TO THE DYNAMIC RECEIVER/SPEAKER WHICH IS USED IN CELLULAR PORTABLE PRODUCT.

2. GENERAL SPECIFICATIONS

| ANALYSIS ITEMS | SPECIFICATIONS |
|---------------------------|---|
| 1. TYPE | Micro Dynamic Box |
| 2. OUT SIDE SIZE | 100mm*45mm*21mm , Shown Fig.3 |
| 3. IMPEDANCE | 8 Ω ± 15% at 1KHz |
| 4. RESONANCE FREQUENCY | 350 ± 20% Hz at 1.0V Sine wave |
| 5. SENSITIVITY (S.P.L.) | 89dB ± 3dB at 1.2w/ 10cm AT 0.8 1.0 1.2 1.5KHz in average |
| 6. RATED / MAX. POWER | 5W / 6W |
| 7. FREQUENCY RANGE | F0~20kHz Output S.P.L. -10dB |
| 8. DISTORTION | Less than 10 % at 1KHz 1V |
| 9. UNIT WEIGHT | / |
| 10. MEASURING DIAGRAM | Shown in Fig.1 |
| 11. FREQUENCY RESPONSE | Shown in Fig.2 |
| 12. OPERATING TEMPERATURE | - 20°C ~ +60°C |
| 13. STORAGE TEMPERATURE | - 20°C ~ +60°C |
| 14. OPERATION TEST | Not be audible at 3.46V sine wave between 300~ 5KHz |

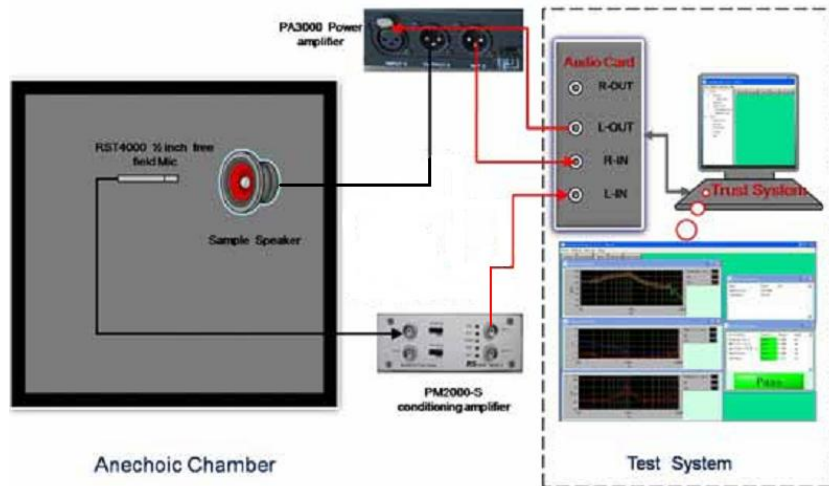
| NO. | DATE | DUE TO | REVISION | SIGNATURE |
|-----|------|--------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |

3. ENVIRONMENTAL CHARACTERISTICS

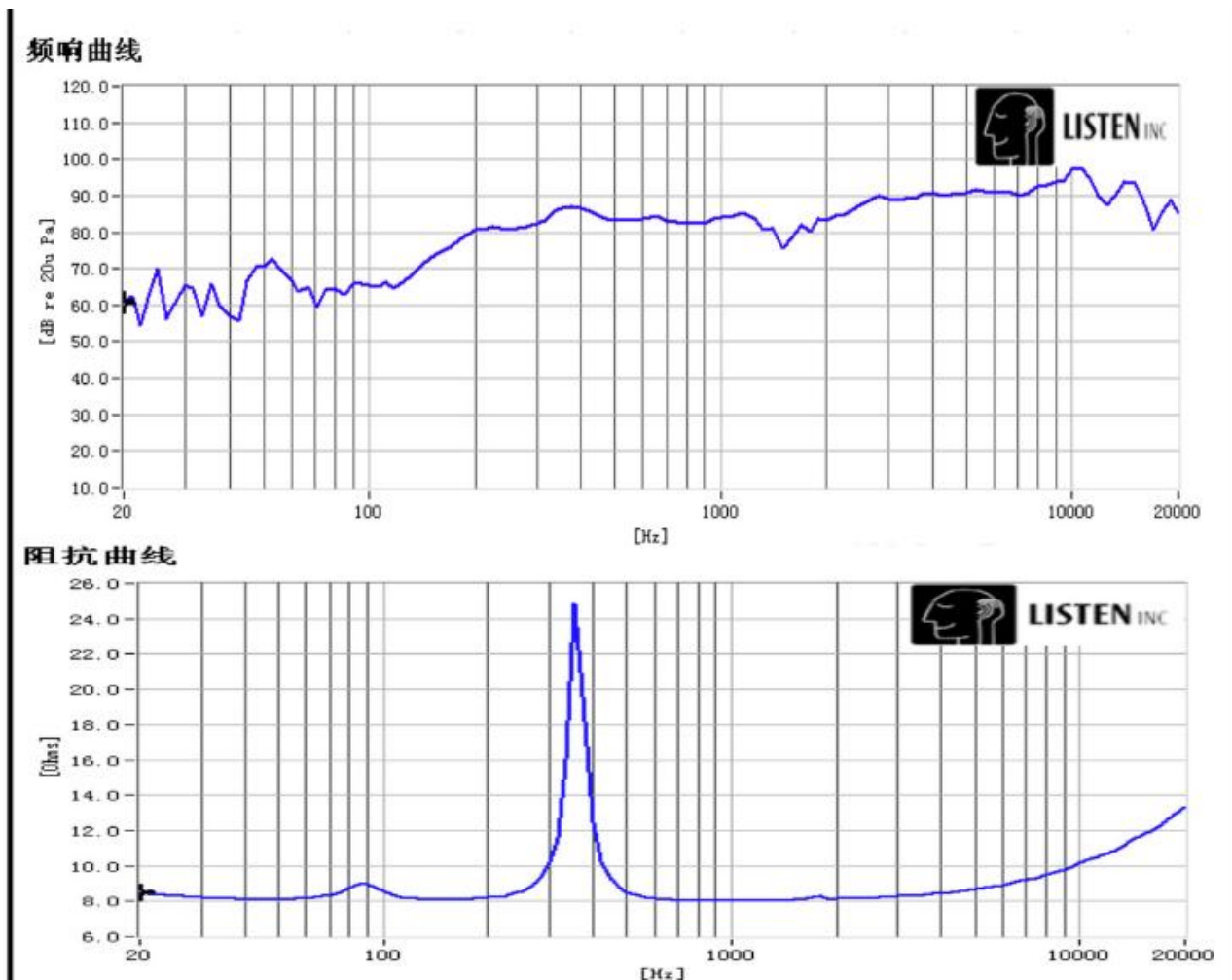
| | |
|---------------------------------------|--|
| RESULTS OF AFTER TEST | Sensitivity difference shall be within (3dB) and should satisfy the test described under item 14 after each following test. |
| 1. APPEARANCE | Should not exist any obstacle to be harmful to normal operation : damages \ cracks \ rusts and distortions etc. |
| 3. POLARITY | When positive voltage is applied to the terminal marked (+), diaphragm should move to the front. |
| 4. LOAD TEST | 2W white noise is applied for 96 hours and satisfy the test listed on item 05,08,14. |
| 5. HIGH TEMPERATURE DURABILITY | After having been in a test chamber for 48hours at the condition of $+80^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and then let 2 hours in a room . |
| 6. COLD TEMPERATURE DURABILITY | After having been in a test chamber for 48 hours at the condition of $-40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and then let 2 hours in a room . |
| 7. HUMIDITY DURABILITY | After having been in a test chamber for 48hours at the condition of $+40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 90%~96% RH and then let 2 hours in a room . |
| 8.TEMPERATURE CYCLE DURABILITY | Low temperature $-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ (2 hour)/ high temperature $+85 \pm 2^{\circ}\text{C}$ (2 hour) : 1 cycle , total 10 cycles and then let 2 hours in a room . |
| 9.VIBRATION DURABILITY | Frequency Range:10Hz ~ 500Hz Amplitude : 0.35mm or acceleration : 50m/s^2 Duration : 2h per axis=10 cycles ; 3 axis |
| 10.DROP TEST | The speaker unit shall stand 10 random drops from a height of 1 meter to a concrete floor faced with 5m/m thick hard wood board and be nothing mechanical damage. |
| 11.PACKING STRENGTH | As per packing condition, from height of 1 meter, the unit is to be dropped 1 time each in three planes on concrete floor. |

| NO. | DATE | DUE TO | REVISION | SIGNATURE |
|------------|-------------|---------------|-----------------|------------------|
| | | | | |
| | | | | |
| | | | | |

4. STANDARD TEST CONDITION OF SPEAKER (Fig.1)

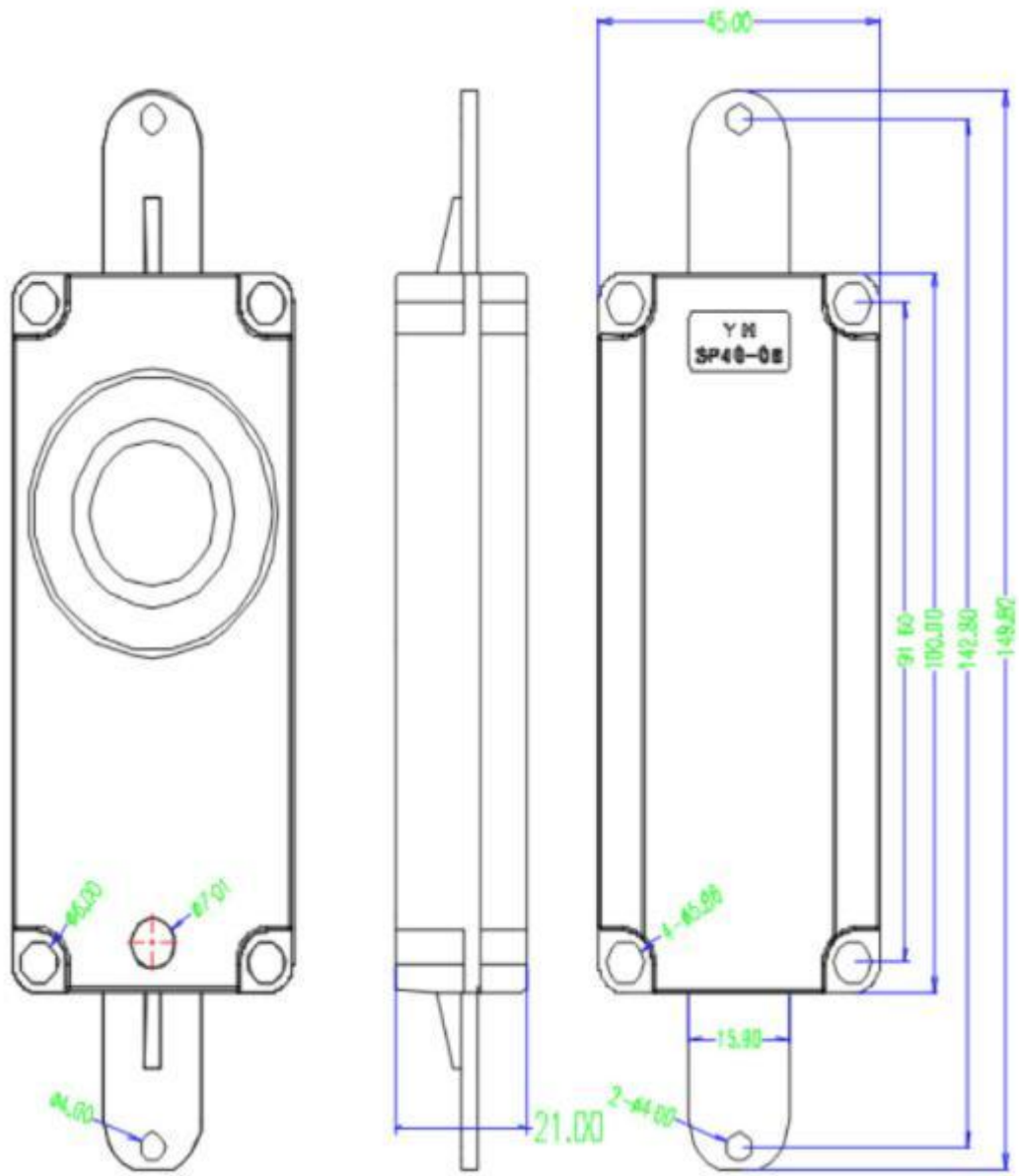


EAKER MODE) (Fig.2)



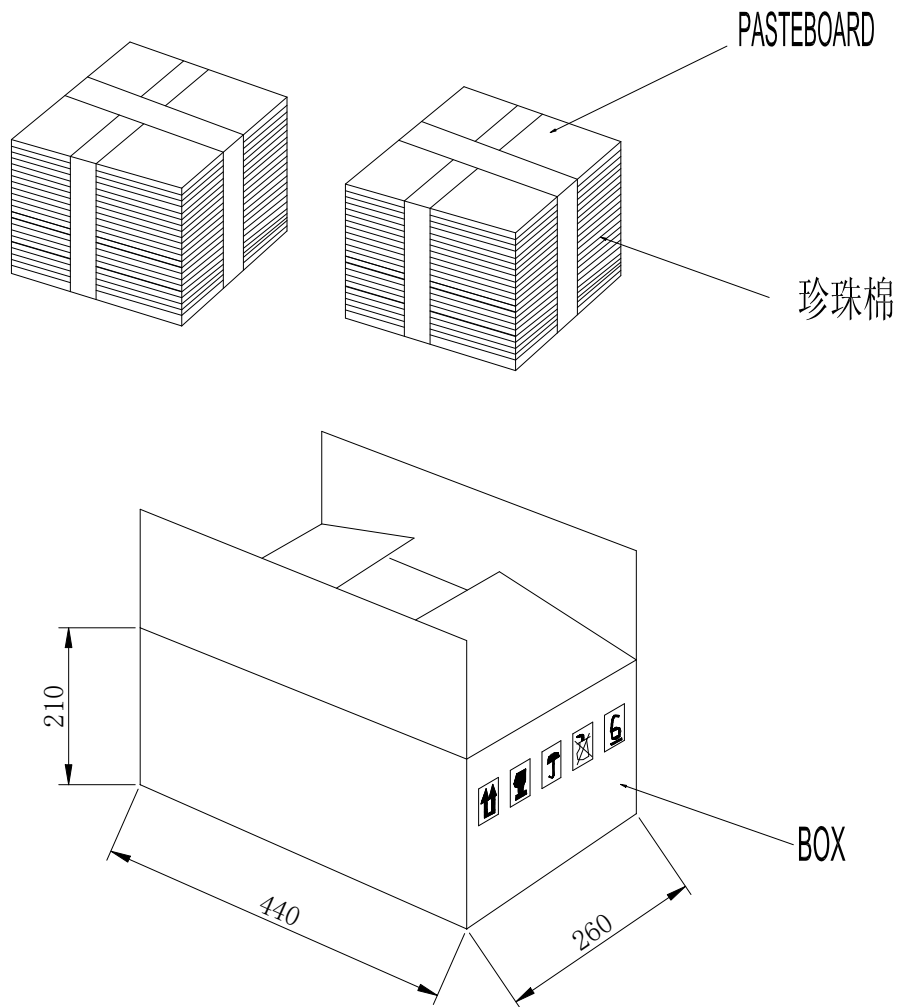
| NO. | DATE | DUE TO | REVISION | SIGNATURE |
|-----|------|--------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |

4.ASSEMBLY DIMENSIONS (Fig.3)



| NO. | DATE | DUE TO | REVISION | SIGNATURE |
|-----|------|--------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |

4.PACKING (Fig.4)



IIT:MM

NOTES:

1. 100 PCS PER TRAY PE PAN.
2. 2000 PCS PER CARTONS.
3. 2 CARTONS PER BOX.
4. 2000 PCS PER BOX.

| NO. | DATE | DUE TO | REVISION | SIGNATURE |
|-----|------|--------|----------|-----------|
| | | | | |
| | | | | |
| | | | | |