



Datenblatt - Fiche technique - Data sheet

**15.08.1318**



G-SOUND Headset De Luxe

G-SOUND Casque avec microphone Deluxe

G-SOUND Headset De Luxe

# SPECIFICATION

Model No:15.08.1318

Date: 2009-3-24

## Speak unit Spec.

| ITEM                                | SPEC & TEST CONDITION                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------|
| Electrical Characteristics          |                                                                                              |
| 1. Loading Impedance:               | 32Ω±15% ( f=1KHz)                                                                            |
| 2. Out Sound Pressure Lever (S.P.L) | 112dB±4dB /0.18V /1mW Measurement                                                            |
| 3. Lowest Resonance frequency:      | 200Hz±15%                                                                                    |
| 4. Frequency Response:              | 20~20000Hz (at 1KHz Output S.P.L ±10dB)                                                      |
| 5. Total Harmonic Distortion:       | ≤ 5%                                                                                         |
| 6. Drive Unit Dimensions:           | φ 40mm *8mm(H)                                                                               |
| 7. Power Rating:                    | Normal: 10mW ; Maximum :20mW                                                                 |
| 8. Buzz & Rating:                   | Sine Wave 1.26V (Must Be Normal)                                                             |
| 9. Load Test:                       | White Noise50mW 48Hours                                                                      |
| 10. Magnet                          | φ 12.5*H4.0( ferrite)                                                                        |
| 11. Polarity                        | When a positive D.C. to the voice coil terminal marked (+) the diaphragm shall move forward. |
| 12. Operation                       | 50mW(must be Normal at program source)                                                       |
| RELIABILITY TEST                    |                                                                                              |
| 13. Heat Test                       | +55 <sup>0</sup> C±2 <sup>0</sup> C or 20~25%R.H For 48Hours                                 |
| 14. Humidity Test                   | +40 <sup>0</sup> C±2 <sup>0</sup> C 90~95%R.H For 48Hours                                    |
| 15. Temperature Cycle Test          | -25 <sup>0</sup> C~+55 <sup>0</sup> C 2Cycle Temperature Test                                |
| 16. Vibration Test                  | Frequency 30±15Hz.Amplitude 1.5mm for3 Hours                                                 |
| 17. Drop Test                       | 55 CM Free Falling on Counter Floor .3Times                                                  |
|                                     |                                                                                              |

After Reliability Test Leave at room temperature for 1Hours. S.P.L Shall not Deviate by ±3dB From Pre-test Measurement. And meet Above SPEC. item 3. 4. 5. 6. 7. 8.

NOTE: Design and specifications subject to change without notice .

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## MIC UNIT Spec.

| ITEM                              | SPEC & TEST CONDITION                                     |
|-----------------------------------|-----------------------------------------------------------|
| <b>Electrical Characteristics</b> |                                                           |
| 1. Drive Unit Dimensions:         | $\phi$ 9.7mm *6.5mm(H)                                    |
| 2. Sensitivity:                   | -54 $\pm$ 3 dB (0dB=1V/ubar.1KHz)                         |
| 3. Directivity:                   | Omni-directional                                          |
| 4. Output Impedance:              | 2.2KOHMS(Max)                                             |
| 5. Frequency Response:            | 100~10000Hz (at 1KHz $\pm$ 6dB)                           |
| 6. Total Harmonic Distortion:     | $\leq$ 5%                                                 |
| 7. Operating Voltage :            | DC 1.5V~10V                                               |
| 8. Standard Operating Voltage :   | DC 4.5V                                                   |
| 9. Current Consumption :          | Max 0.5mA                                                 |
| 10. S/N Ratio:                    | 50dB or More                                              |
| 11. Maximum input S.P.L :         | 100dB                                                     |
| <b>RELIABILITY TEST</b>           |                                                           |
| 12. High Temperature Test         | +60 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C For 48Hours         |
| 13. Low Temperature Test          | -25 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C For 48Hours         |
| 14. Humidity Test                 | +40 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C 90~95RH 48Hours     |
| 15. Temperature Cycle Test        | -25 $^{\circ}$ C~+55 $^{\circ}$ C 2Cycle Temperature Test |
| 16. Vibration Test                | Frequency10~50Hz.Amplitude 1.5mm for 2 Hours              |
| 17. Drop Test                     | 75 CM Free Falling on Counter Floor .3Times               |

After Reliability test Leave at room temperature for 1Hours. Sensitivity Shall not Deviate by  $\pm$ 3dB From Pre-test Measurement. And meet Above SPEC. item 4. 5. 6.

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## Others SPEC

### 1.Product Feature:

- \* Stereo headset with Built-in Microphone
- \* 3.5mm Stereo Plug for Headphone & Microphone
- \* Volume Control

### 2. Wire Specification---Particular See the Wire SPEC

|                           |                     |
|---------------------------|---------------------|
| 1. Connector:             | φ 3.5mm Stereo Plug |
| 2. Total Length:          | 250(+10/-0)cm       |
| 3. Outside Skin Material: | PVC                 |
| 4. Color:                 | Black               |

### 3. Control Box:

|                      |             |
|----------------------|-------------|
| 1. Volume Control    | rotary type |
| 2. Mic. On/OFF       | none        |
| 3. Vibration Control | none        |

### 4. Accessories:

NONE

### 5. Certificate:

CE

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