

Dynamic Microphone RM-01

Specification

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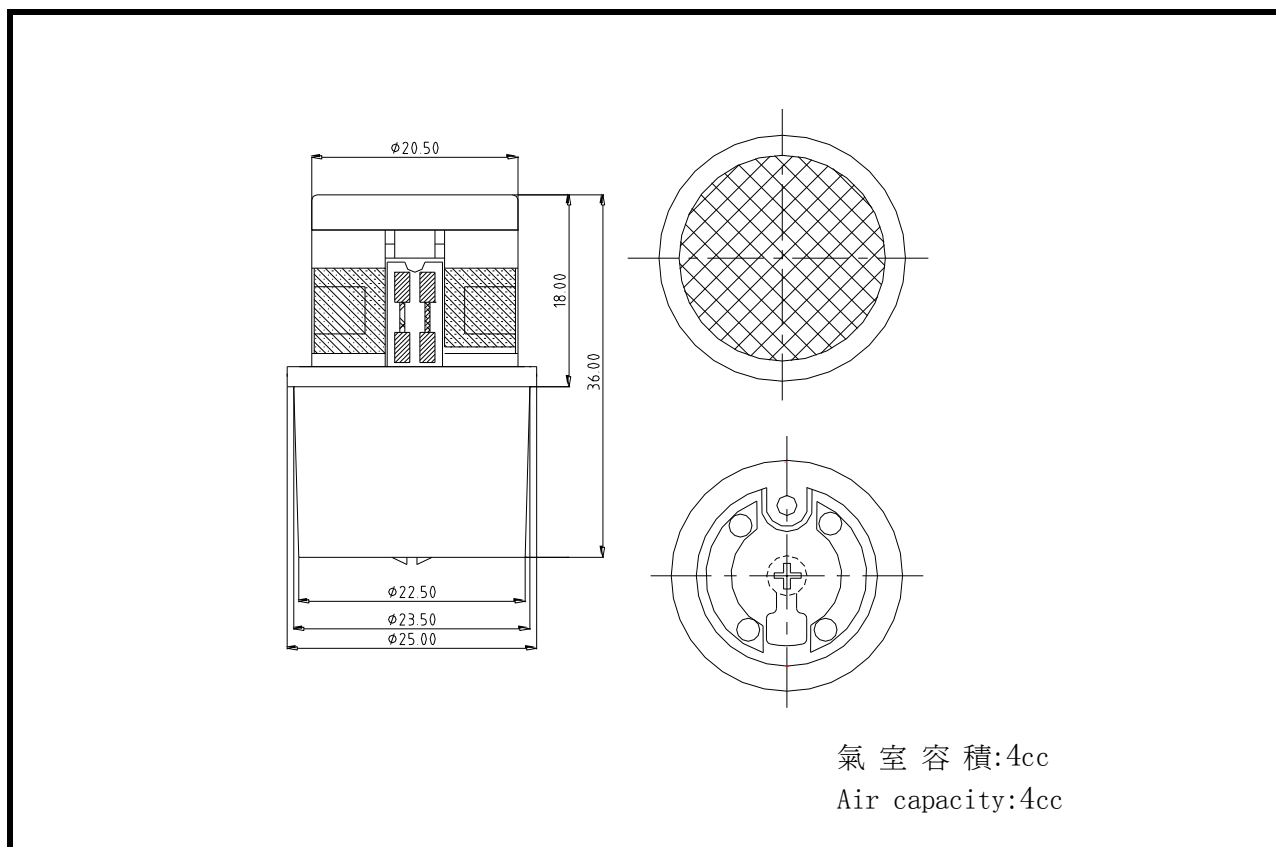
1) Model No : RM-01

2) Application : This model microphone unit for speech/singing, and so on.

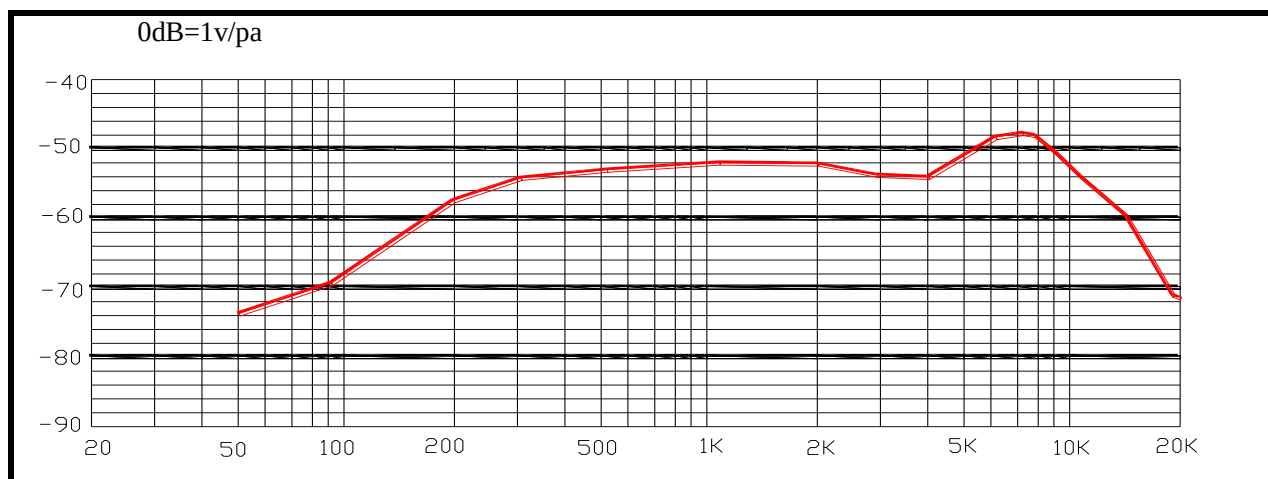
3) Specifications :

規 格 : Type :	動圈式 Dynamic
單體重量 : Net weight :	17g
單體尺寸 : Unit dimensions :	參考外觀尺寸圖 Consult appearance size
輸出阻抗 : Impedance :	$600\Omega \pm 30\%$ at 1 KHz
指向性 : Pattern :	心型圓 Cardioid
靈敏度 : Sensitivity :	$0^\circ : -73\text{dB} \pm 3\text{dB}$ (0dB=1v/ μ bar at 1KHz)
頻率回應 : Frequency Response :	50Hz~15KHz 參照曲線圖 50Hz~15KHz See response curve

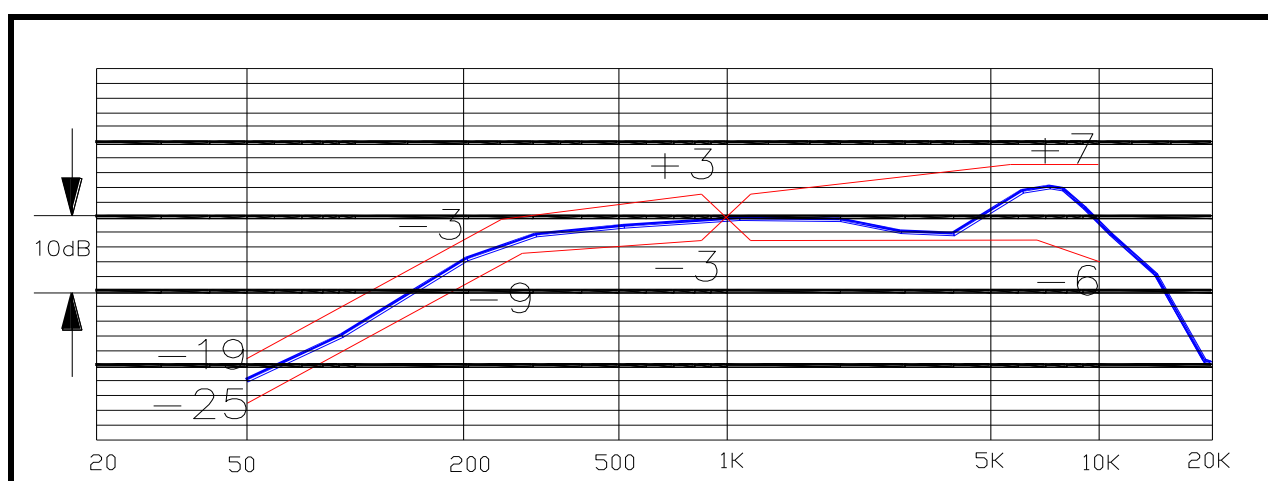
4) Appearance Size :



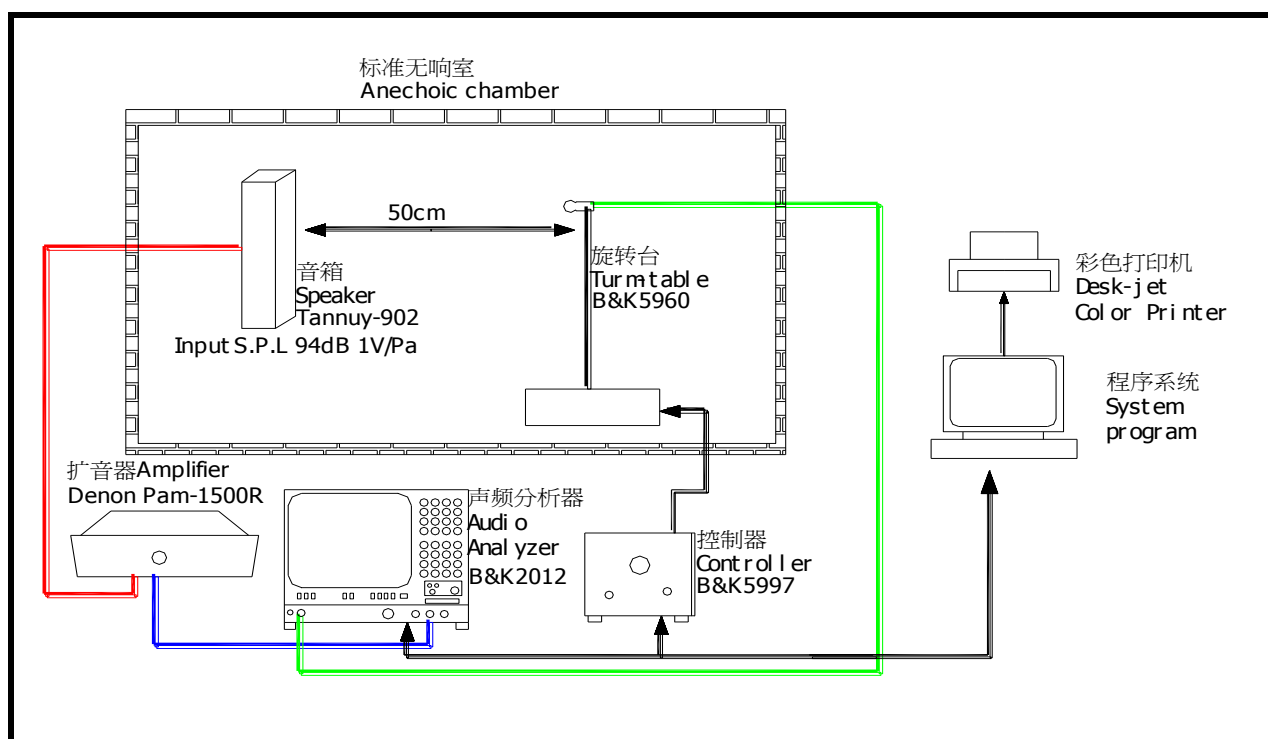
5) Response Curve :



6) Test Range :



7) Measurement :



8) Condition Test :

After below every test item the sensitivity to be within $\pm 3\text{dB}$ from initial sensitivity for unit.

8.1 High temperature test :

Temperature $60\pm 3^\circ\text{C}$, Humidity 20-50% in constant temperature box 72 hours,
normal temperature lay 6 hours.

8.2 Low temperature test:

Temperature $-25\pm 3^\circ\text{C}$, Humidity 20-50% in constant temperature box 72 hours ,
normal temperature lay 6 hours.

8.3 Humidity test :

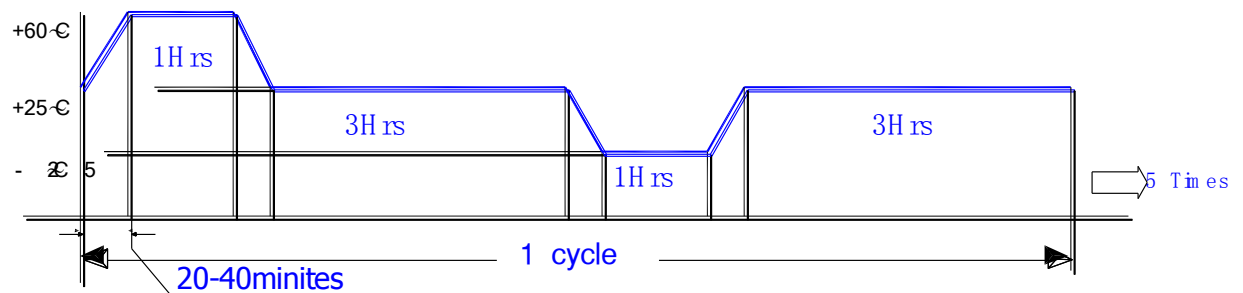
After exposure at 40°C and 90-95% relative humidity for 72 hours,
normal temperature lay 6 hours.

8.4 Temperature cycle test :

From normal temperature to require temperature those require hours 20-40 minute.

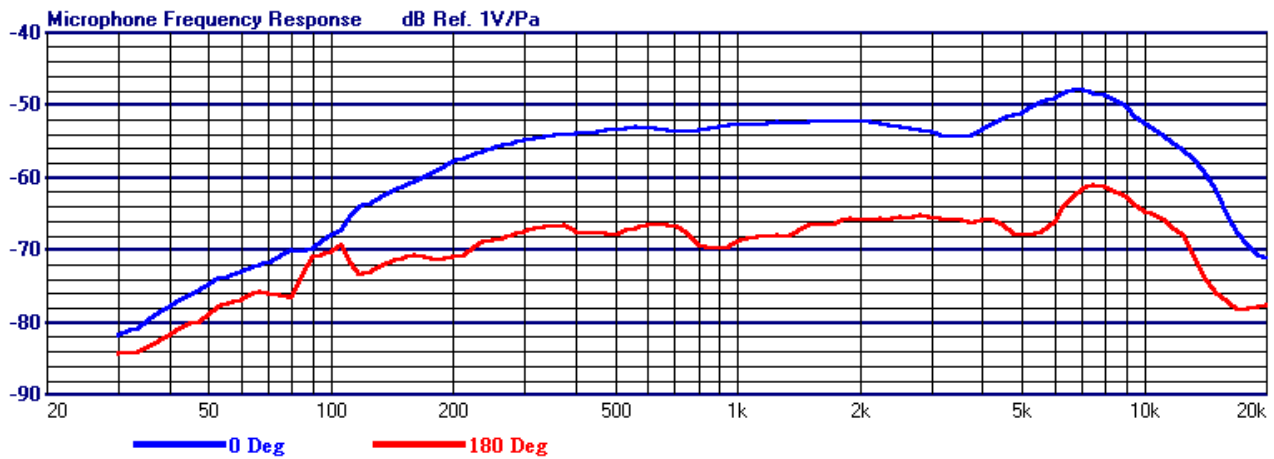
+ $60^\circ\text{C} \pm 3^\circ\text{C}$: last out 1 hours (normal temperature lay 3 hours)

- $25^\circ\text{C} \pm 3^\circ\text{C}$: last out 1 hours (normal temperature lay 3 hours)



9) Accessories 1: Frequency Response

X : 1000 Hz
Y : -52.7 dBV/Pa **Y** : -68.8 dBV/Pa
Y : -50.5 dBm/Pa **Y** : -66.6 dBm/Pa
D : 0.0 dB **D** : 0.0 dB
Z : -16.1 dB



Model : DM-16-16B 600
 Source Level : 0.1 Pa
 2005/08/16 15:11:11

Measure Distance : 50 cm
 Test Instruments : Bruel & Kjaer 2012 & 9640



10) Accessories 2 : Polar Pattern

Microphone Directional Characteristic

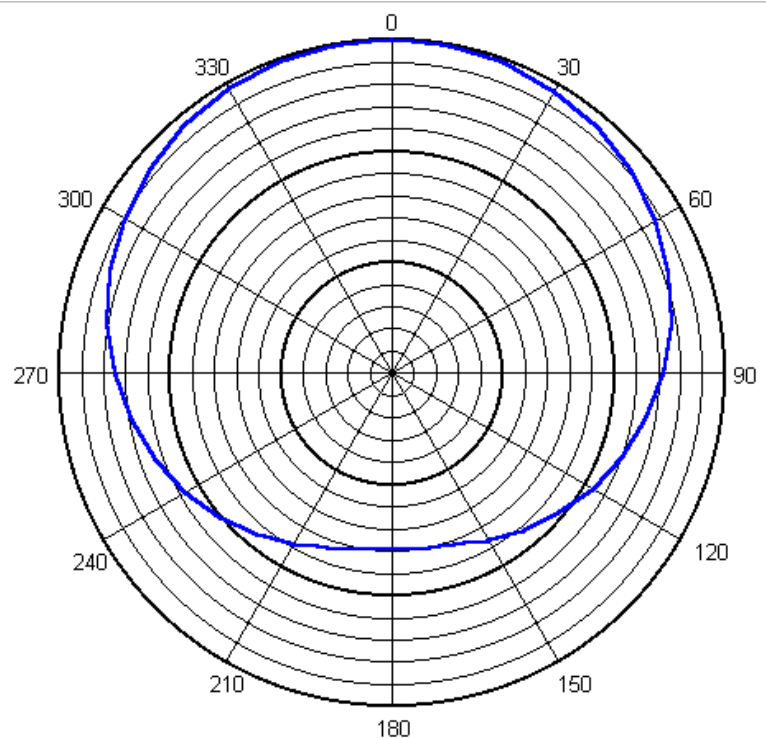
Type : DM-16-16B 600

Top Level : -53.0 dB

Range : 30 dB

Frequency : 1000 Hz

Source Level : 0.1 Pa



Measure Distance : 50 cm
 Test Instrument : Bruel & Kjaer 2012 & 9640

