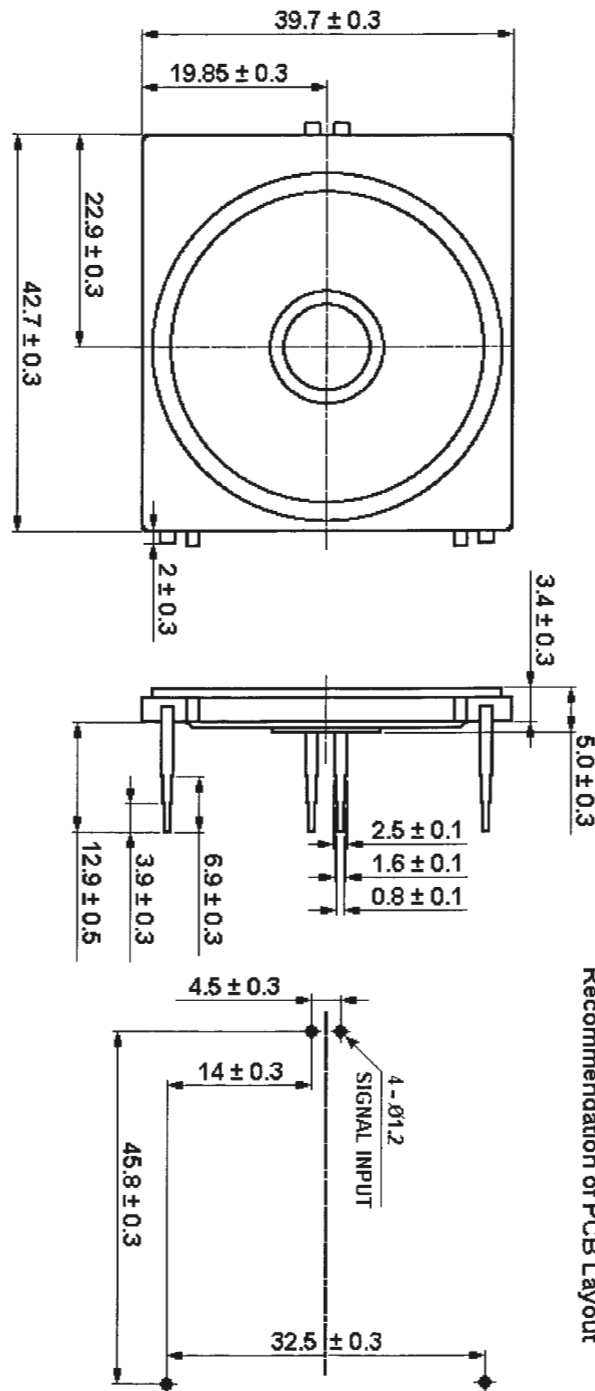


INTERVOX Speakers from International ©

215 McCormick Drive, Bohemia, NY 11716 (631)952-9595 Fax: (631) 952-9597 e-mail: oemsales@icc107.com
Code G50

ICC Part No.	S150SL-PC Rev1
1. Dimension	Outer Diameter: 43 x 40 mm Baffle Opening: 33 mm
	Height: Refer to Drawing Weight: 9.5 grams
2. Magnet	Material: Rare Earth Size: \varnothing 12.5 X 1.5 mm
3. Nominal Impedance	$8 \Omega \pm 15\%$ at 1200 Hz
4. Power Rating	Normal: 0.25 W Maximum: 0.5 W
5. Resonant Frequency	$550 \pm 20\%$ Hz
6. Output S.P.L.	79 ± 3 dB / 0.25 Watt 0.5 Meter
	Average at 800, 1000, 1200, 1500 Hz
7. Frequency Range	280 ~ 7,000 Hz Average S.P.L. - 10 dB
8. Distortion	5% Maximum at 1000 Hz 250 mW
9. Abnormal Sound	Must Be Normal Tested by 1.41 Volts. Sine Wave
10. Load Test	White Noise With Weighted Filter 1.41 Volts (RMS) 96 Hours
11. Polarity	Diaphragm Shall Move Forward while Apply a Positive DC Current to the "+" (or marked) Terminal.
Above Measuring condition under temperature: $25^{\circ} \sim 35^{\circ}\text{C}$ R.H. 25~75%. According to standard GB/T9396-1996	
12. High Temperature	$+60^{\circ} \pm 2^{\circ}\text{C}$ Humidity Random for 96 Hours. (GB2423.2-81)
13. Low Temperature	$-25^{\circ} \pm 2^{\circ}\text{C}$ Humidity Random for 96 Hours. (GB2423.1-81)
14. Humidity	$+40^{\circ} \pm 2^{\circ}\text{C}$ Relative Humidity (RH) 90~95% for 48 Hours.
15. Vibration	Frequency 30 ± 15 Hz, Amplitude 1.5mm for 3 Hours. (GB11606.8-89)
16. Drop Test	75 CM free falling on Concrete floor, 10 times. (GB2423.8-81)
After test leave speakers at room temperature for 1 hour, SPL shall not deviate by ± 3 dB from pre-test.	
17. Temp. Cycle Test	$-25^{\circ} \sim 60^{\circ}\text{C}$ 4 Cycles Temperature test. (GB5170.18-87)
After test leave speakers at room temperature for 1 hour, SPL shall not deviate by ± 3 dB from pre-test Measurement, and meet above specified items: 5, 6, 7, 8, 9.	

S150SL-PC Rev1



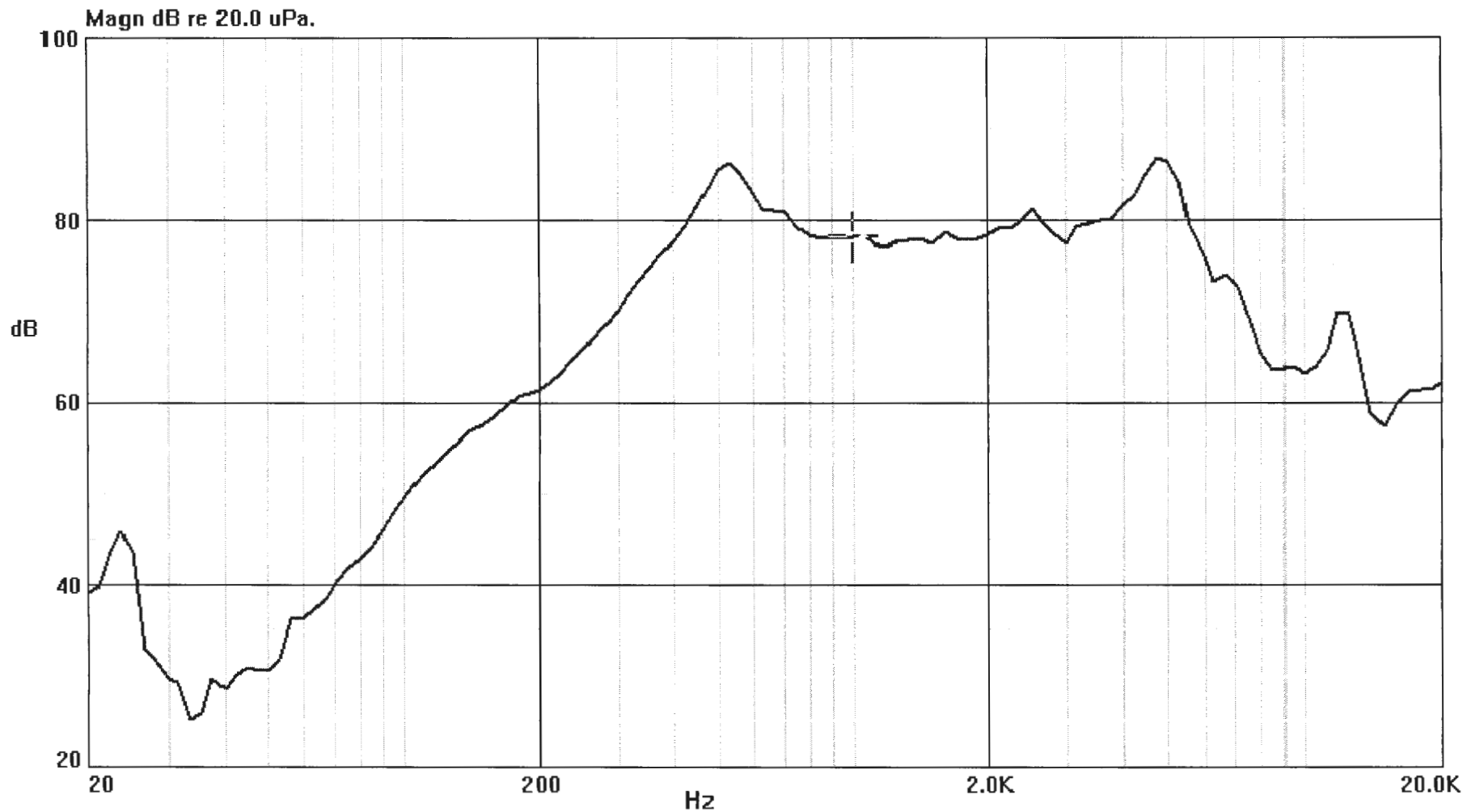
Recommendation of PCB Layout

INTERVOX Speakers from International ©

Measuring Object: S150SL-PC Rev 1 Measuring Condition: 1.26 V 2.0 W 0.5 M

Level Range: 78.15 dB Zero Level (Fundamental): 78 dB X Axis Speed: mm/sec

Impedance Range: 8 Ω Zero Level (Harmonic): dB Y Axis Speed: mm/sec



Current Curve: 0 X: 1000 Hz Y: 78.15 dB

Time(Y/M/D H:M:S): 2007/1/29 3:5:13