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## SPS-2220-03



Sonitron's latest slim line profile speaker, the SPS-2220-03, is the result of ten years intensive research and development work. With a thickness of only 1 mm and dimensions of 20x22 mm this small multifunctional speaker/microphone is ideal for use in GPS, MP3, camera's, mobile phones,... It is distortion free and has excellent sound reproduction. Considering its extremely good voice clarity it definitely is the new speaker generation for the mobile phone industry.

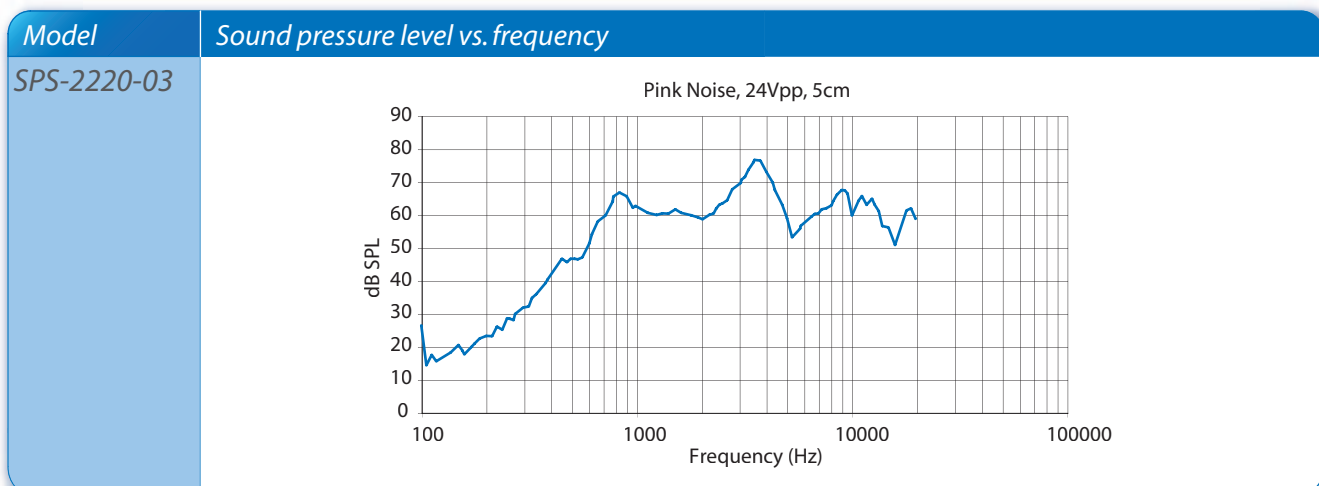
## SPECIFICATIONS

Frequency Range :	700 Hz-20 kHz
Max SPL @ 10 cm, 24Vpp: (average at 4-point)	85 dB
Distortion (%THD): (80dB at 5 cm, average at 4-point)	≤1%
Sensitivity: (SPL @ 10cm for 1Vrms, average at 4-point : 800Hz, 1kHz, 1.5kHz, 2kHz)	63 dB
Capacitance (+/- 20%):	70 nF
Impedance @ 1kHz (+/-20%):	2.16 kohm
Operating Voltage:	1Vpp-24Vpp
Weight:	0.4g
Operating Temperature:	-20°C to 60°C
Storage Temperature:	-40°C to 60°C
Case material:	PBT
Standard color:	Black



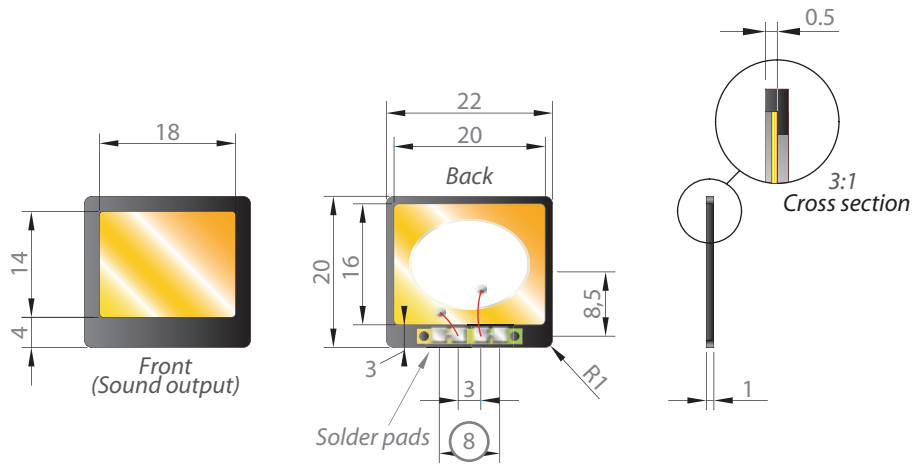
speaker mounted on plexi plate of 5 x 5cm in closed box of 40 x 15 x 5cm

## FREQUENCY RESPONSE



**DIMENSIONS** (all dimensions are in mm)

**SPS-2220-03**



Tolerance: +/- 0.2mm



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Kasteelstraat 93, 9100 Sint-Niklaas • BELGIUM • Tel.: +32 3 780 76 30 • Fax: +32 3 777 58 96 • E-mail: sales@sonitron.be • Internet: <http://www.sonitron.be>