

Specifications

Acoustic loading: 10 mm x 1.0 mm ID into a 2 cc coupler.

Drive is voltage drive of 0.30 V rms (0.35 mVA @ 500 Hz), unless specified otherwise.

Environmental conditions: 23°C (73.4F), 50 % RH.

Parameters		Min	Typ	Max	Unit	Comments
Sensitivity	@ 200 Hz	94	96.5	99	dB	
	@ 500 Hz	93	95.5	98	dB	
	@ 1000 Hz	93	95.5	98	dB	
Peak 1	frequency	2800	3000	3200	Hz	
	output	100	103	106	dB	
Valley 1	frequency	4100	4700	5300	Hz	
	output	90	93.5		dB	
Peak 2	frequency	5100	5700	6300	Hz	
	output	94	97.5	101	dB	
THD	@ 1/3 peak			5	%	
	@ 1/2 peak			5	%	
Maximum output @ peak frequency			112.5		dB	@ 0.92 Vrms

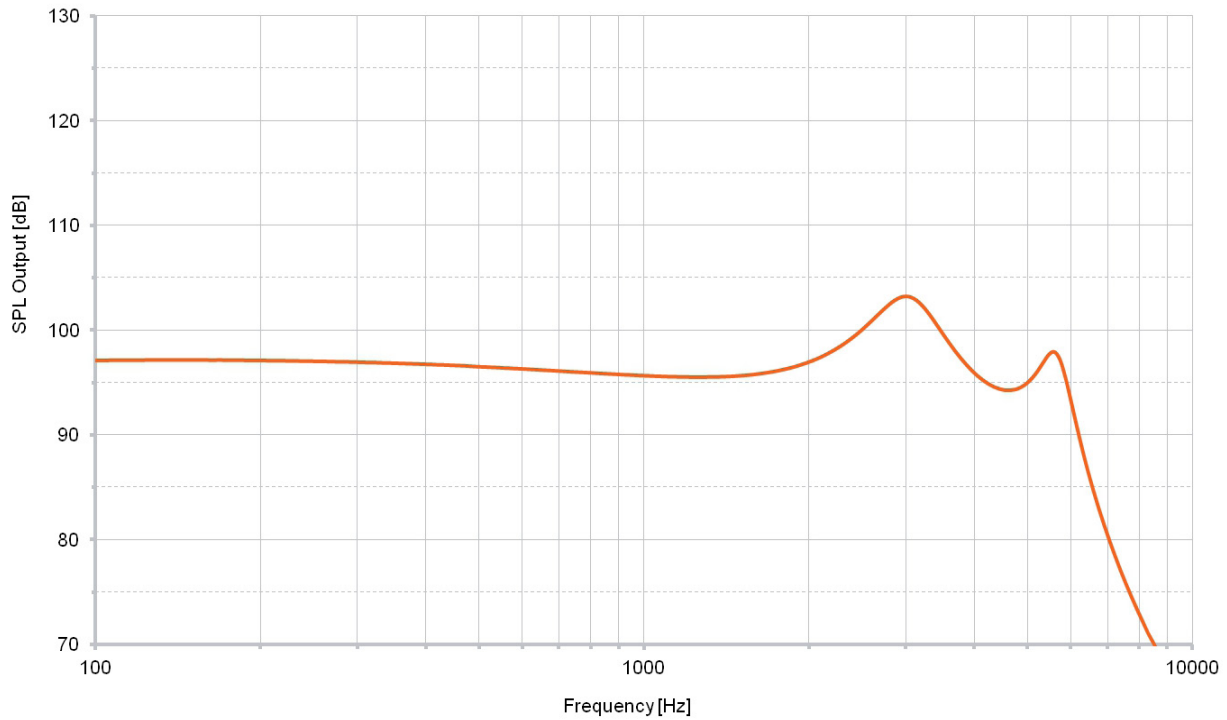
Electric parameters	Min	Typ	Max	Unit	Comments
Impedance @ 1000 Hz	256	320	384	Ohm	
Impedance @ 500 Hz	200	250	300	Ohm	
DC resistance @ 20°C	196	230	265	Ohm	
DC bias current range	zero bias				

Additional parameters	Min	Typ	Max	Unit	Comments
Shock resistance	12000			g	80% survival rate with THD @ 1/2 peak frequency < 10%
Storage temperature range	-40		63	°C	

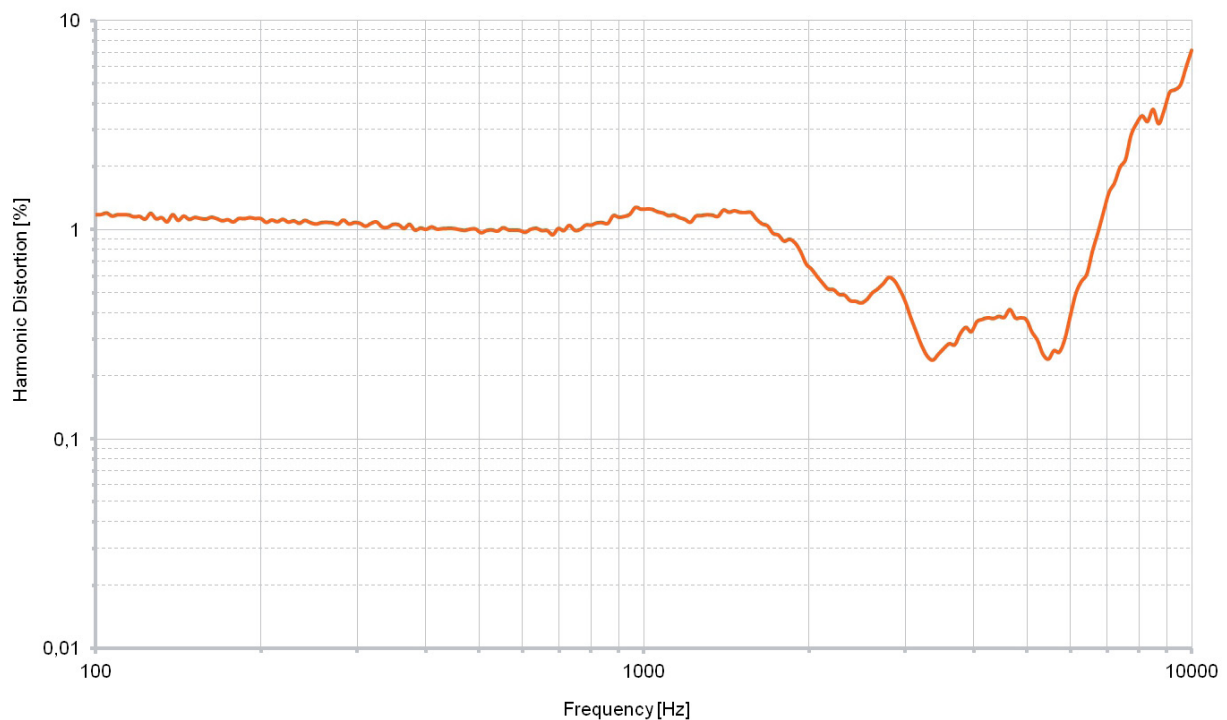
A positive voltage applied to the negative terminal (-) will result in an increase in pressure at the sound outlet.

Sonion reserves the right to make changes at any time to improve reliability, function or design, in order to provide the best product possible. Receivers series of this type can produce very high sound pressure levels. When such receivers are applied in hearing instruments or other communications equipment special attention should be paid to this capacity in order to prevent possible hearing damage.

Typical response curve



THD vs Frequency, typical, nominal input



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