

ELECTRICAL

parameter	conditions/description	min	typ	max	units
directivity	omnidirectional				
sensitivity [S]	at 1 kHz [0 dB = 1 V/Pa]	-38	-36	-34	dB
supply voltage [V _{DD}]		1.0	4.5	10	V
current consumption	V _{DD} = 4.5 V, R _L = 2.2 kΩ			0.5	mA
sensitivity reduction	V _{DD} = 4.5 ~ 4.0 V			3	dB
frequency [f]		100		10,000	Hz
signal to noise ratio [S/N]	at 1 kHz, P _{in} = 1 Pa [A-weighted]		60		dBA
total harmonic distortion [THD]	at 94 dB SPL, 1 kHz			1	%
	at 115 dB SPL, 1 kHz			3	%
acoustic overload point [ADP]	at 1 kHz			115	dB SPL
output impedance [Z _{out}]	at 1 kHz			2.2	kΩ

Notes: 1. All specifications measured at 20±2°C, humidity at 60~70%, unless otherwise noted.