

DM-100S Desktop microphone performance parameters

Electrical performance test conditions:Vs=3.0V,RL=2.2K Ω ,20° C,R.H=65%)

Working Temperature	-20° C $\sim$ +55° C
Working Voltage	1-10V
Sensitivity	-27dB $\pm$ 3dB @1kHz 3V
Resistance	$\leq$ 2.2K Ω
Direction	Omnidirectional
Dimension	6.0*2.7mm
Current	$\leq$ 500uA
SNR	60dB (f=1KHz,Pin=1Pa)
Voltage Step-down Characteristics	-3dB (f=1KHz,Pin=1Pa, Vs=2.0 $\rightarrow$ 1.0V)

Speaker electrical performance parameters:

Working Temperature	-20° C $\sim$ +55° C
Rated Resistance	8 Ω $\pm$ 15%
Sensitivity	- 91dB $\pm$ 3dB(0.1m/1w) at 1000Hz
Input Power	Rated:1W; Max:2W
Distortion	$\leq$ 15% at F0-3KHz 1W
Minimum resonant wave number	550Hz $\pm$ 20%
Dimension	45*9mm
Magnet	18*4.5mm Nd-Fe-B
Life test	96H at 1W Pink noise