

## THE ROOSTER - Specification

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Measurements are made at typical 'Attitude' setting '2'. in Pentode mode with an output of +4dBu. Measurements made with AC mains input 236V 50Hz. Load resistance is 10k $\Omega$ .

<b>Available gain (dB)</b> Mic Line	52 (80 with Attitude at max.) 19
<b>Frequency response</b> $\pm 1$ dB	25Hz to 55kHz
<b>Distortion (THD @ 1kHz)</b>	$\leq 0.12\%$
<b>Noise (unweighted, 30kHz filter)</b>	$\leq 92$ dB below MOL
<b>MOL (2% THD @1kHz)</b>	$\geq +22$ dBu
<b>Phase shift</b>	23° (6.4%) at 10kHz
<b>Input impedance</b> Mic Line DI	1.6k $\Omega$ 10k $\Omega$ 220k $\Omega$ unbalanced
<b>Output impedance</b>	200 $\Omega$

10k $\Omega$  is the ideal load impedance. The Rooster will work into a load of 600 $\Omega$ , but distortion will increase & MOL will be reduced.

## The Rooster - frequency response curves

