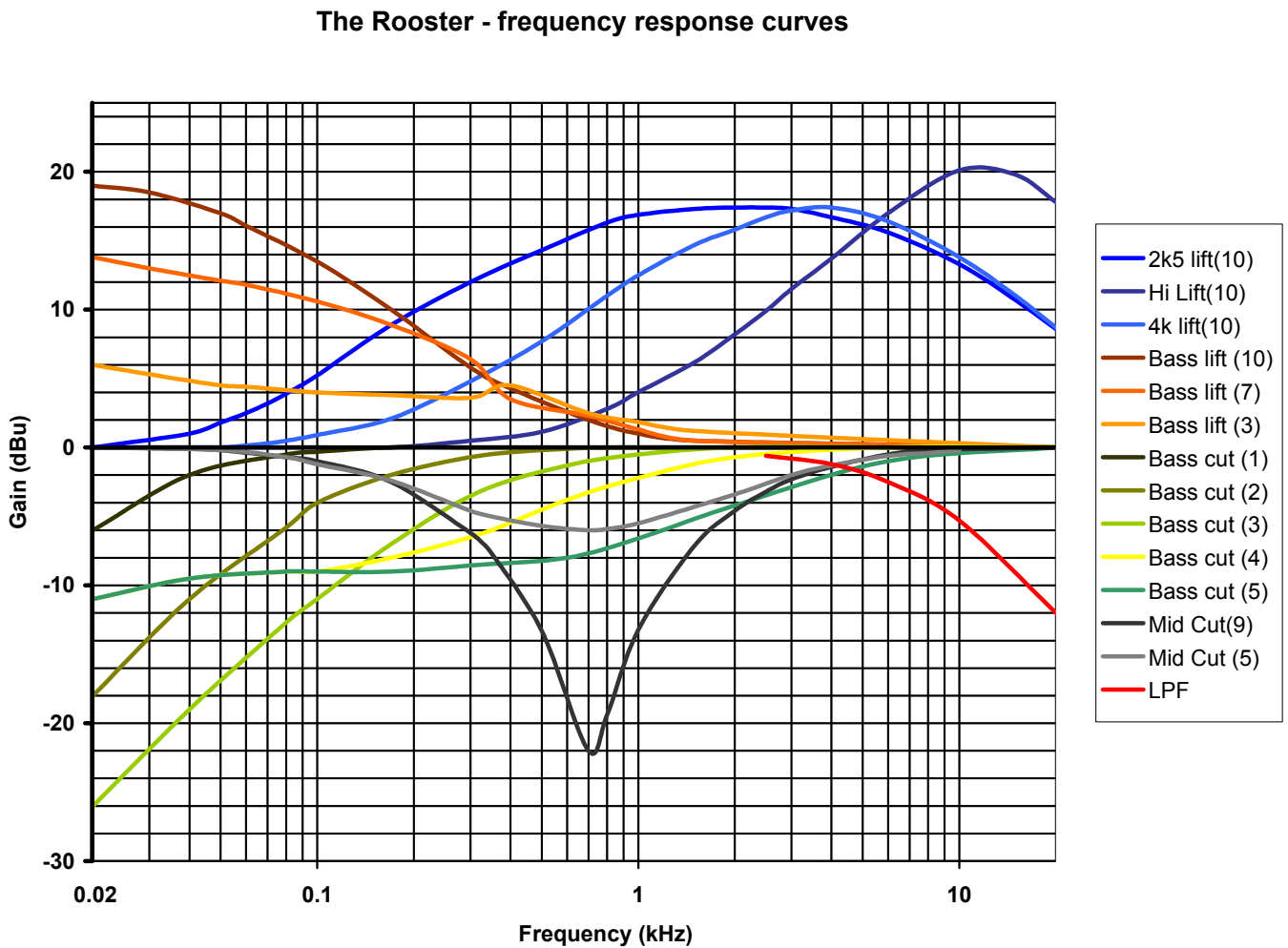
THE ROOSTER 2 - Specification

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 10kΩ.

Available gain (dB) Mic Line	 56 (87 with Attitude at max. (P)) 24
Frequency response ±1dB	 20Hz to 45kHz
Distortion (THD @ 1kHz)	≤0.05%
Noise (unweighted, 30kHz filter)	≤95dB below MOL
MOL (2% THD @1kHz)	≥+25dBu
Phase shift	24º (6.6%) at 10kHz
Input impedance Mic Line DI	 1kΩ 10kΩ 100kΩ unbalanced
Output impedance	200Ω

10kΩ is the ideal load impedance. The Rooster 2 will work into a load of 600Ω, but distortion will increase & MOL will be reduced.


The Rooster - frequency response curves
20
10
0
-10
-20
-30
Gain (dBu)
0.02
0.1
1
10
Frequency (kHz)
2k5 lift(10)
Hi Lift(10)
4k lift(10)
Bass lift (10)
Bass lift (7)
Bass lift (3)
Bass cut (1)
Bass cut (2)
Bass cut (3)
Bass cut (4)
Bass cut (5)
Mid Cut(9)
Mid Cut (5)
LPF