THE   FREEBIRD-   Specification

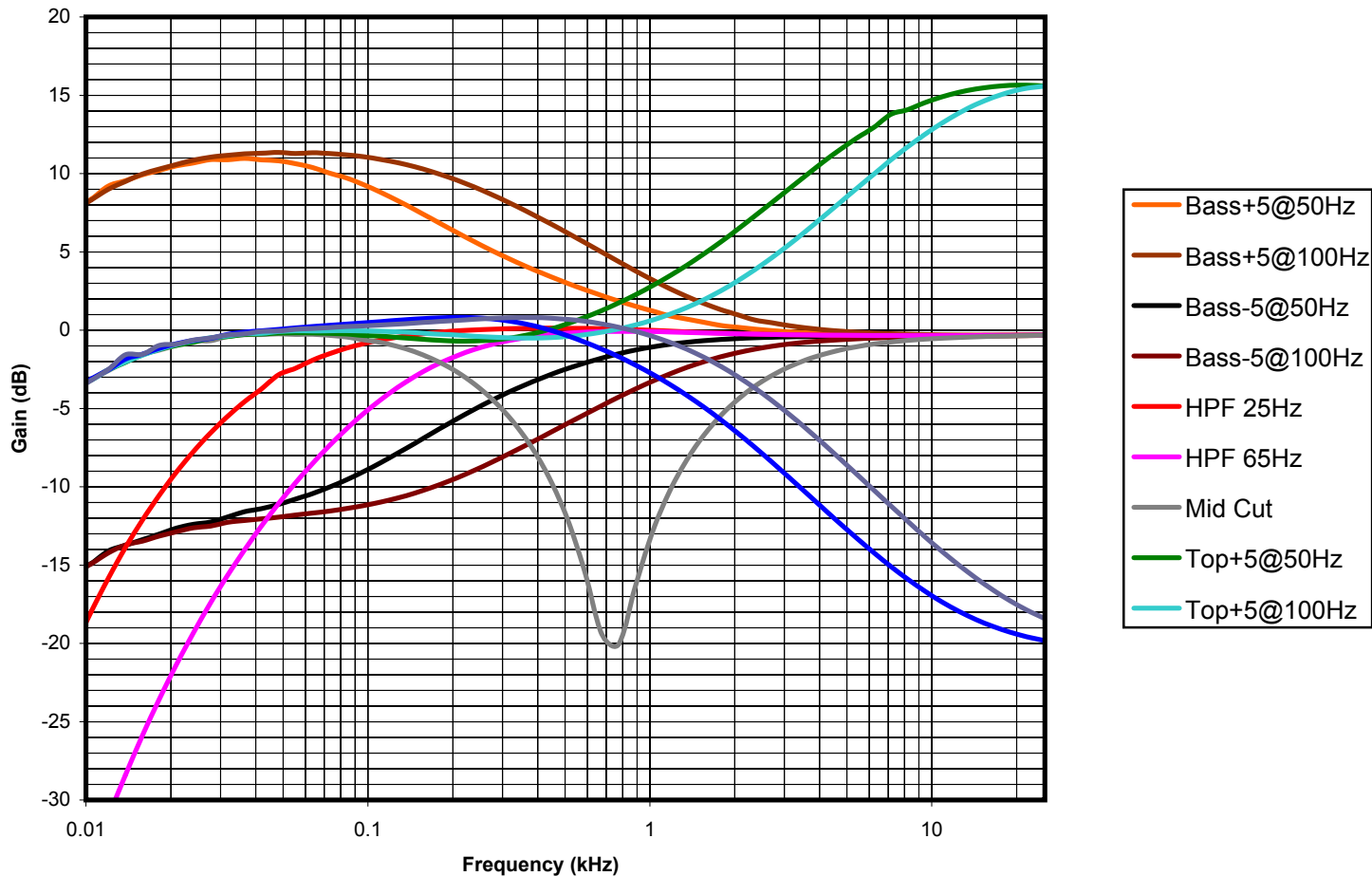| Frequency response	(all controls flat)
±0.5dB	20Hz-80kHz
±1dB	15Hz-130kHz
Input impedance	10kΩ
Output impedance	200Ω
Distortion	
THD @ +4dBu 1kHz	≤0.05%
THD @ +4dBu 100Hz	≤0.1%
MOL (1% THD)	+22dBu
Noise	100dB below MOL
Gain	-17 to +5dB

NB. Noise and distortion measurements made unweighted, with 30kHz filter to remove any radio pickup.

Loading=10kΩ. Can be loaded with 600Ω but MOL will be reduced and distortion increased.

The BYPASS switch completely removes the electronics from circuit.

The gain of the unit is set to zero for a 10kΩ load. There is a trimmer near to the gain control for fine adjustment. This is accessed by removing the lid.

The Freebird - Frequency Response Curves

Legend:
- Bass+5@50Hz
- Bass+5@100Hz
- Bass-5@50Hz
- Bass-5@100Hz
- HPF 25Hz
- HPF 65Hz
- Mid Cut
- Top+5@50Hz
- Top+5@100Hz

X-axis: Frequency (kHz)
Y-axis: Gain (dB)

The Freebird - Presence Curves

Legend:
- L
- M
- H
- H+
- H++

X-axis: Frequency (kHz)
Y-axis: Gain (dB)