

PHOENIX MASTERING PLUS - Specification

Max. o/p level (MOL):	+19dB into 600Ω +24dB into 10kΩ
Max gain:	30dB.
THD (at no compression):	better than 0.06 % @ 100Hz & 1kHz
Noise, IEC weighted:	better than 100dB below MOL.
Input impedance:	15kΩ.
Frequency response:	<1dB variation over range of 12Hz to 56kHz.
Attack time:	0.004s to 0.12s
Release time:	0.04s to 2.4s
Output impedance:	600Ω

Distortion will increase with compression, typically 0.2% & 0.25% at 1kHz & 100Hz with 8dB compression. Attack and release controls are somewhat interdependent, for instance a change of attack setting may affect the release time slightly. Therefore, no times are given on the front panel.

VALVE COMPLEMENT (2 ea):

Input/Compression:	PCC85 (equiv. 9AQ8)
Output:	ECC81 (equiv. 12AT7, CV4024)
Side chain detector:	EB91 (equiv. 6AL5, CV4025).