

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). |