



Amplifier Equipment VE 66 S Mono-Stereo
-Laboratory Information-

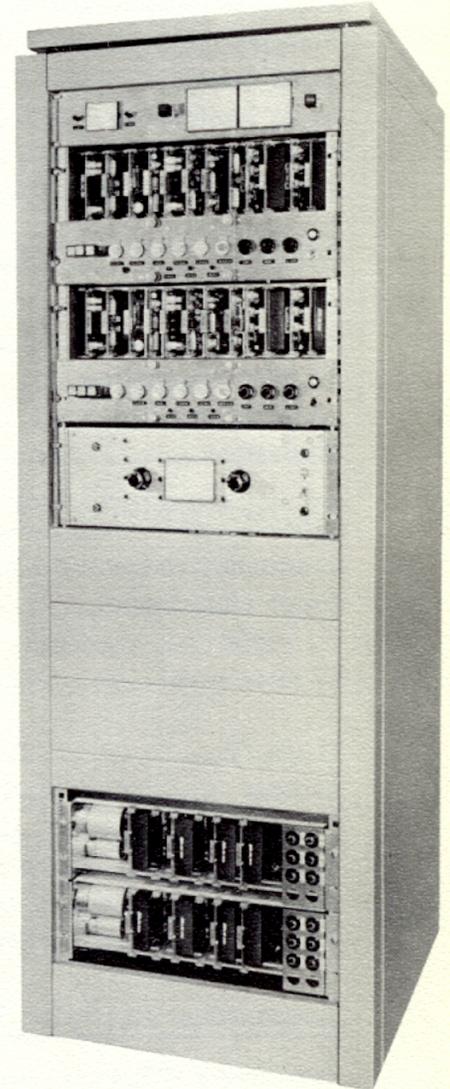
VE 66 S -910-02-00

The amplifier equipment VE 66 S MONO-STEREO contains all units which are necessary for operation of feed-back stereo cutterheads. All modules are executed in silicone planar technology. They are mounted on printed boards with front panel. All controls necessary for the set-up procedure of a cutterhead are contained in the cutter equalizer CE 66. This is a plug-in type unit which can easily be exchanged when another cutterhead is used. The following modules are mounted in several component assembly supports:

2 Recording equalizers	SE 66
2 Cutter equalizers	CE 66
1 Elliptical cutting equalizer	EE 66
2 Power amplifiers	LV 66
2 Feedback amplifiers	GV 66
2 Circuit breaker units	Si 66
2 Playback amplifiers	WV 66
2 Loudspeaker amplifiers	AV 66
2 Power supplies	NB 66

The circuit breaker unit Si 66 protects the cutterhead from thermal overload through disconnecting when the temperature of the driving coils grows too high. When a short-circuit occurs, the power supplies are disconnected automatically.

The amplifier equipment VE 66 M - MONO is fully STEREO-prepared. One each of the above mentioned units and the compatible cutting equalizer EE 66, however, is omitted.



TECHNICAL DATA

Amplifier equipment VE 66S

Input impedance.....	$\cong 10 \text{ k}\Omega$ bal.
Nominal input level.....	0 dB (775 mV)
max. input level.....	+ 18 dB
after restrapping input transformer.....	+ 21 dB
Cutting characteristic (SE 66).....	75/318/3180 μ s corresponding to the standards DIN 45 537, IEC Publ. 98, RIAA

Power Amplifier LV 66

Frequency range.....	20 ... 20 000 Hz
Input level.....	approx. 0 dB
Input impedance.....	$\cong 1 \text{ k}\Omega$ unbal.
Output power.....	$\cong 100$ Watts across 12 Ω
Distortion.....	$\cong 1 \%$ (40 ... 20 000 Hz, 100 Watts)

Feedback amplifier GV 66

Frequency range.....	20 ... 200 000 Hz
Input impedance.....	$\cong 1.5 \text{ k}\Omega$
Output impedance.....	$\cong 30 \Omega$
Amplification.....	62 dB max.
Distortion.....	$\cong 0.5 \%$ (40 ... 20 000 Hz)

Playback Amplifier WV 66

Frequency range.....	20 ... 20 000 Hz
Input impedance.....	47 $\text{k}\Omega$ for magnetic pick-ups
2. input.....	for feedback monitoring
Output level.....	0 dB ... +6 dB adjustable
	+ 21 dB max.
Distortion.....	$\cong 0.5 \%$ (40 ... 20 000 Hz)
Output impedance.....	$\cong 30 \Omega$
Load impedance.....	$\cong 200 \Omega$
Input sensitivity for +6 dB output.....	1 mV/cm/s velocity
Max. input voltage.....	60 mV
Reequalization of cutting characteristic	

Loudspeaker Amplifier AV 66

Frequency range.....	20 ... 20 000 Hz
Input impedance.....	$\cong 1 \text{ k}\Omega$
Input voltage.....	500 mV
Output power.....	15 Watts across 5 Ω
Distortion.....	$\cong 0.5 \%$ (40 ... 20 000 Hz, 15 Watts)

Power consumption VE 66.....	100 ... 240 V 50/60 Hz, approx. 400 Watts
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