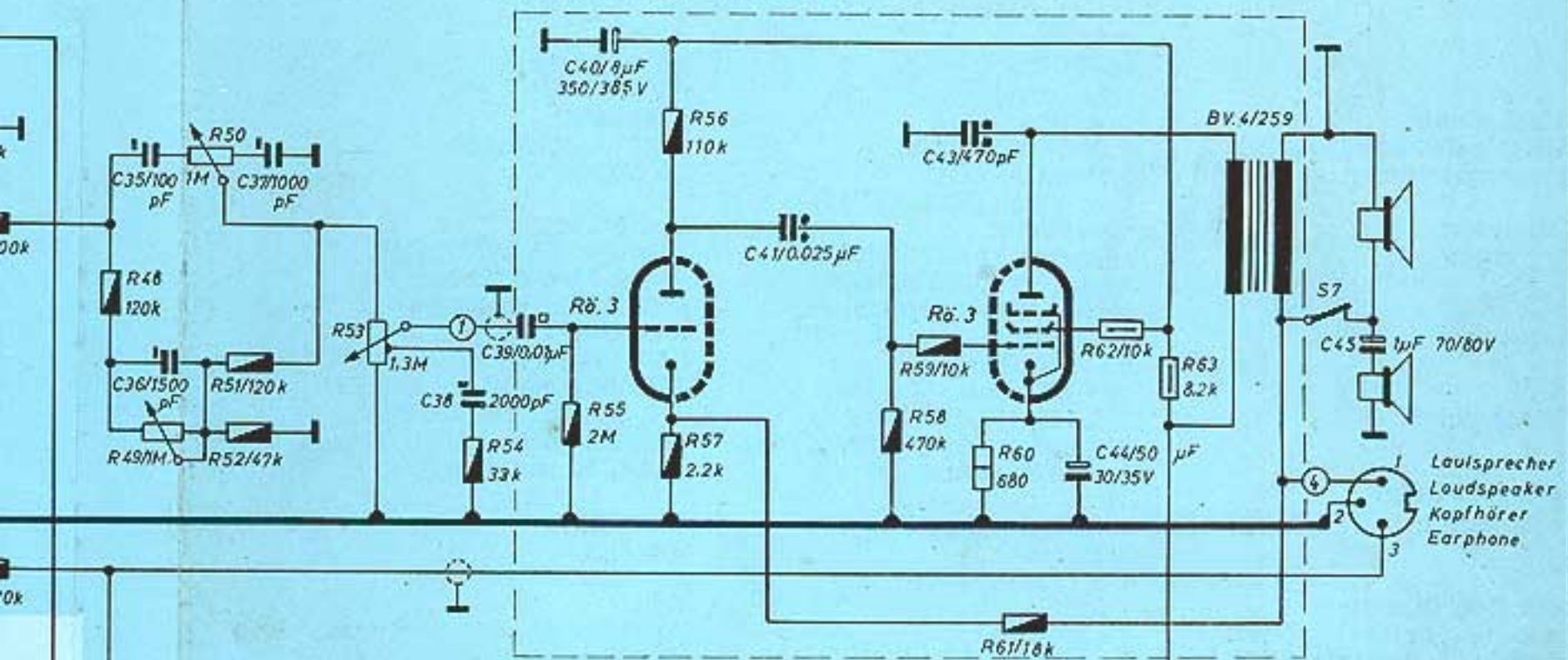


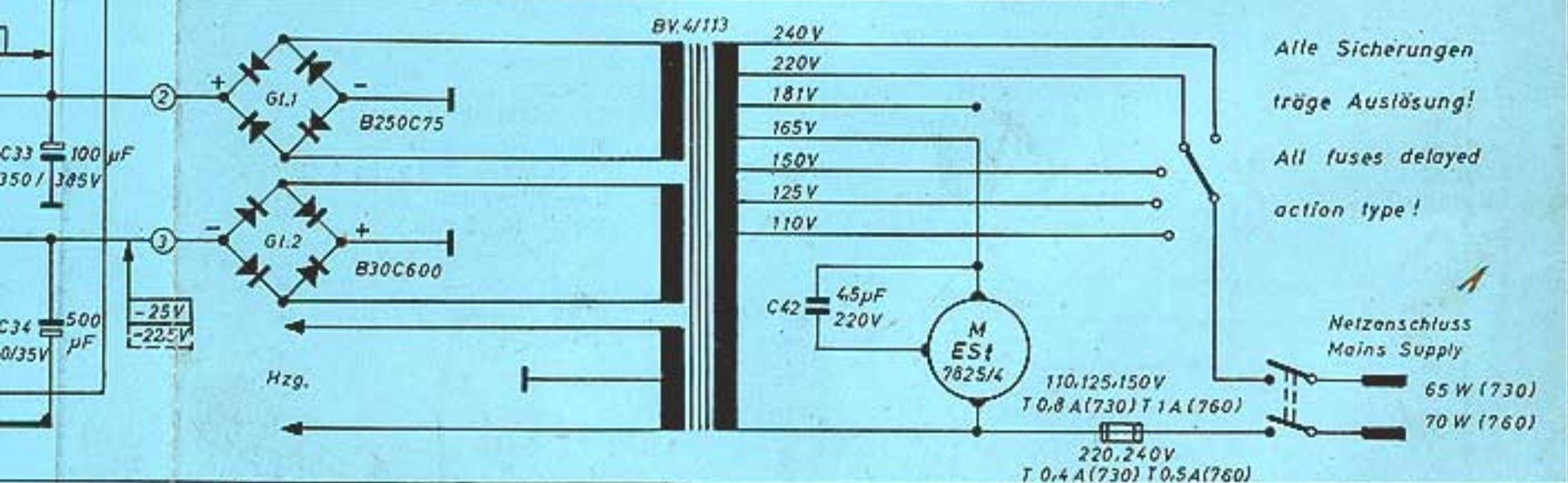
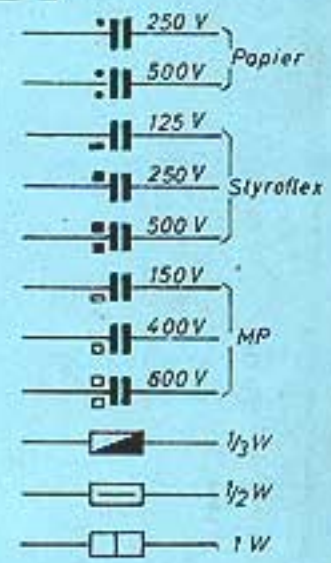
Wiedergabe
 Aufnahme
 Reproduction
 Recording
 Spannungen gemessen mit Röhrenvollmeter 10 MR gegen Masse. Gezeichnete Stellung: „Wiedergabe“
 Voltages measured with VTVM ($R_i = 10\text{ M}\Omega$). Switch position: „Reproduction“
 A = Aufnahme, W = Wiedergabe.



Schalter in Ruhestellung, Switch in rest position

S1, S3	am Andruckarm hinten	at the pressing lever back side
S6	am Andruckarm vorne	at the pressing lever front side
S2/S5	an R2, Trickregler	at R2, Trick Mixer
S4	am Umschaltmagnet UM	at the magnet UM

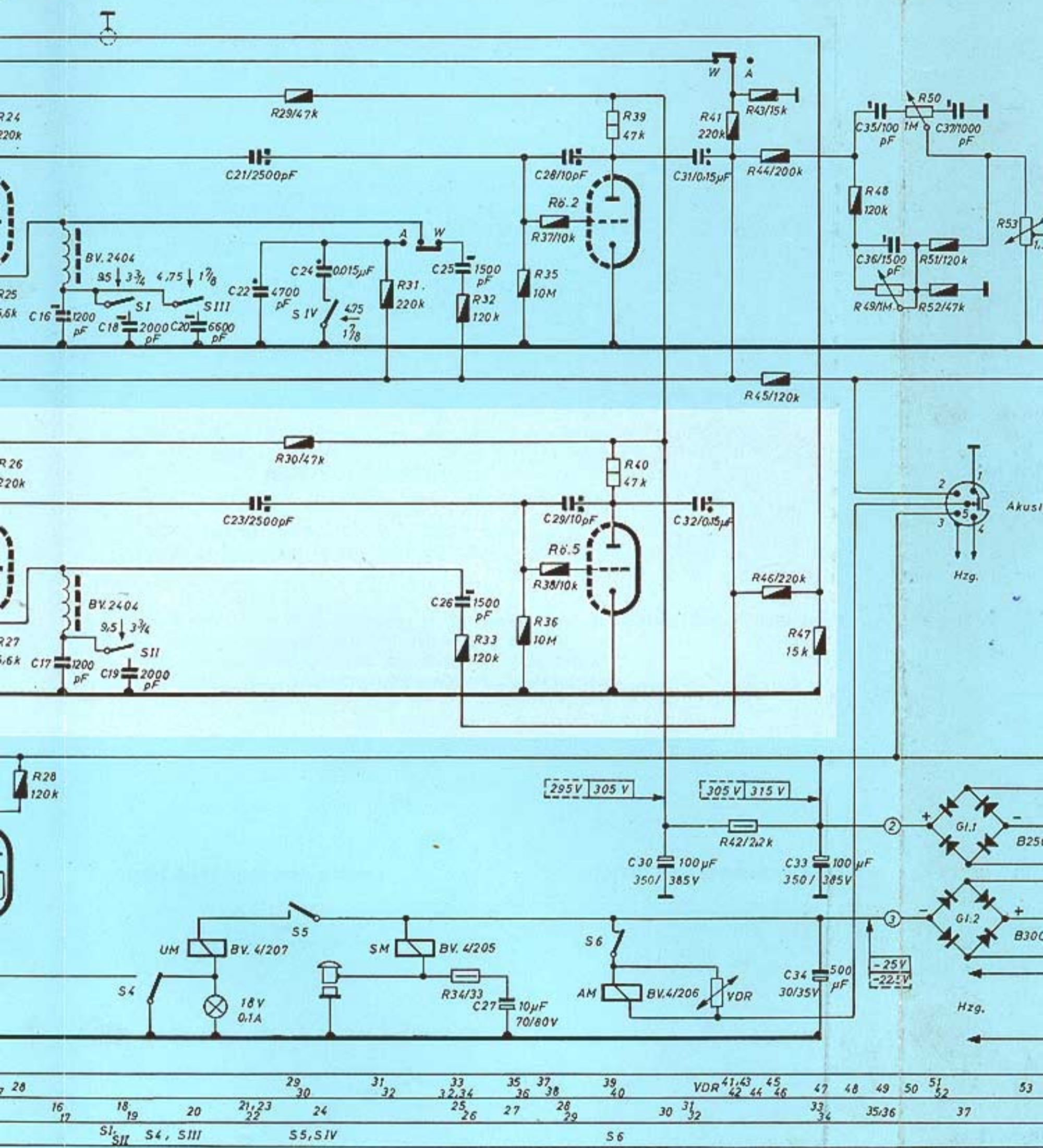
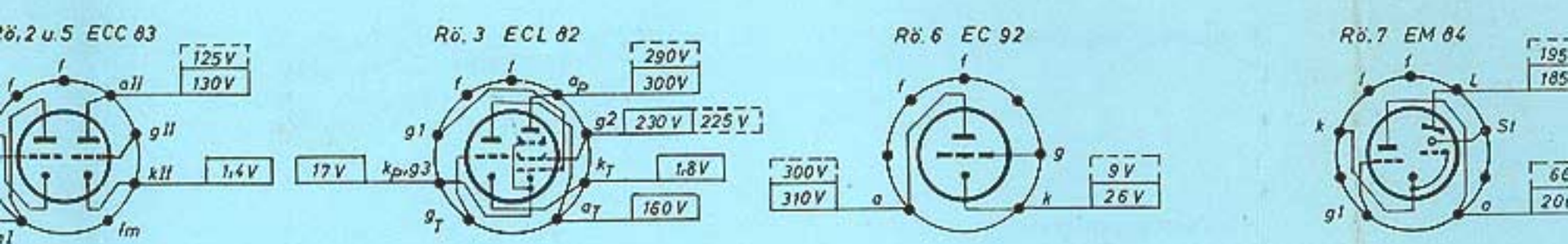
9.5 cm/s, S1 u. S11 geschlossen	3 3/4 ips. S1 and S11 closed
4.75 cm/s, S1, S11, S111, S11V geschl.	1 7/8 ips. S1, S11, S111, S11V closed



Alle Sicherungen
 träge Auslösung!
 All fuses delayed
 action type!

47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	R
33	34	35/36	37	38	39	40	41	42	43	44	45						C
																	S7
																	Schalter

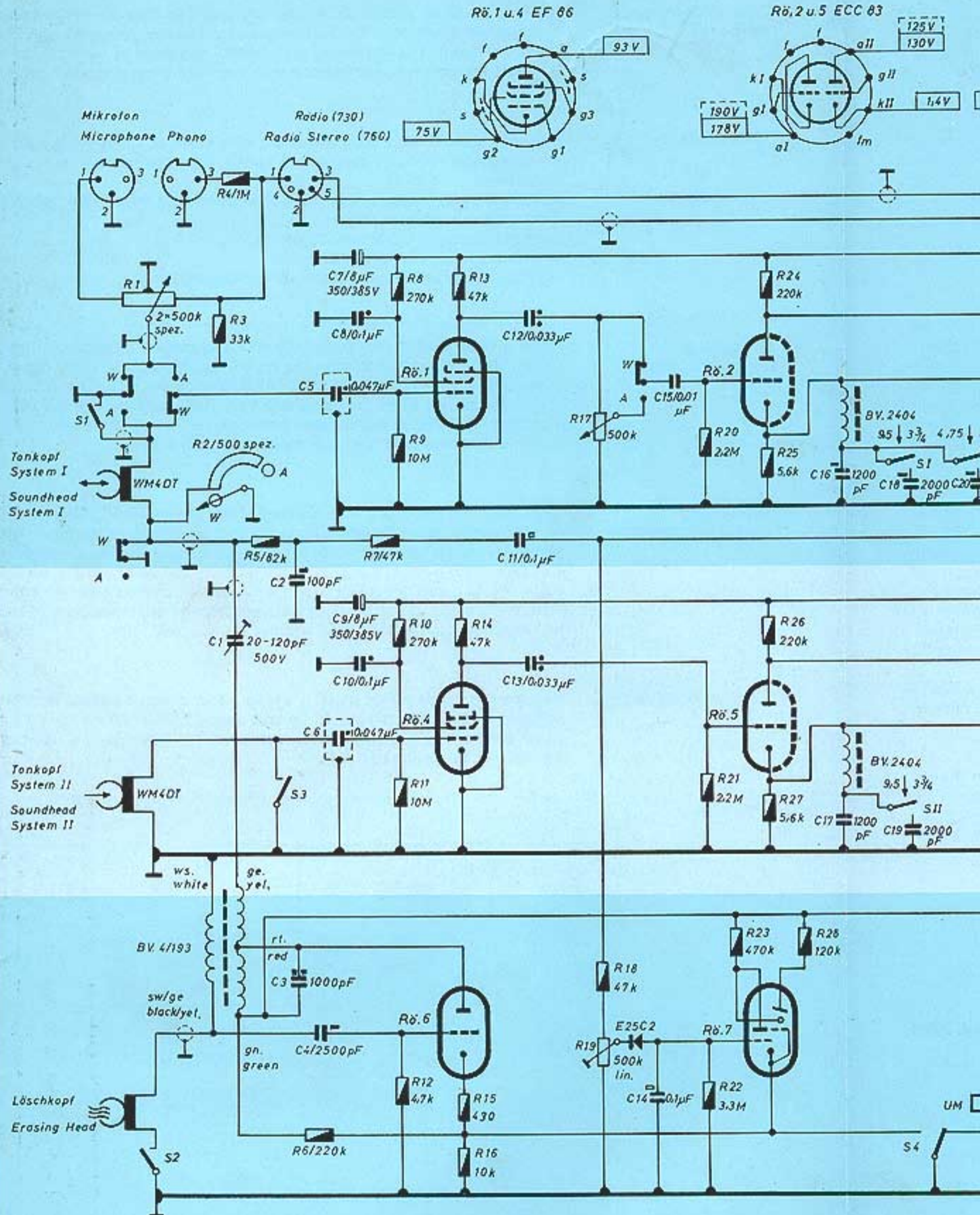
UHER 730
UHER 760 Stereo



Stromlaufplan für Uher 730 und Uher 760 Stereo
UHER Werke München
 Änderungen vorbehalten!

Rö.1 u.4 EF 86

Rö.2 u.5 ECC 83



R	1	2,3	4	5	6	7,9,11 8,10,12	13,15 14,16	17,19 18	20,22 21,23	24,26 25,27	28		
C			1	2,3,4 5,6,8,10	7,9				14,15		16 17	18 19	20
Schalter	S1	S2	S3								S4, S11		

Schaltung im hellen Feld nur bei Gerät 760

Diagram in the pale section only for model 760

Electrical Adjustments and Checks

Over all Frequency Response:

In order to avoid erroneous results this test can only be performed by using standard test tape. The test frequencies must be recorded with 20 db under full level. The maximum permissible deviation is -5 db to the limiting frequencies in accordance with the frequency response patterns.

HF-Bias-Magnetizing:

Desired value $95 \text{ mV} \pm 5\%$, measured with VTVM at the resistor 1 kohms of the voltage divider $1 \text{ megohms}/1 \text{ kohms}$, mounted parallel to the combined head. (See TS 1)

Measurement is made without any low frequency input; turn recording level control counterclockwise.

input resistance of VTVM min. 50 kohms ,

Input capacity of VTVM max. 500 pF .

If necessary adjust C 1, for korrekt bias magnetizing.

Recording Level Indicator:

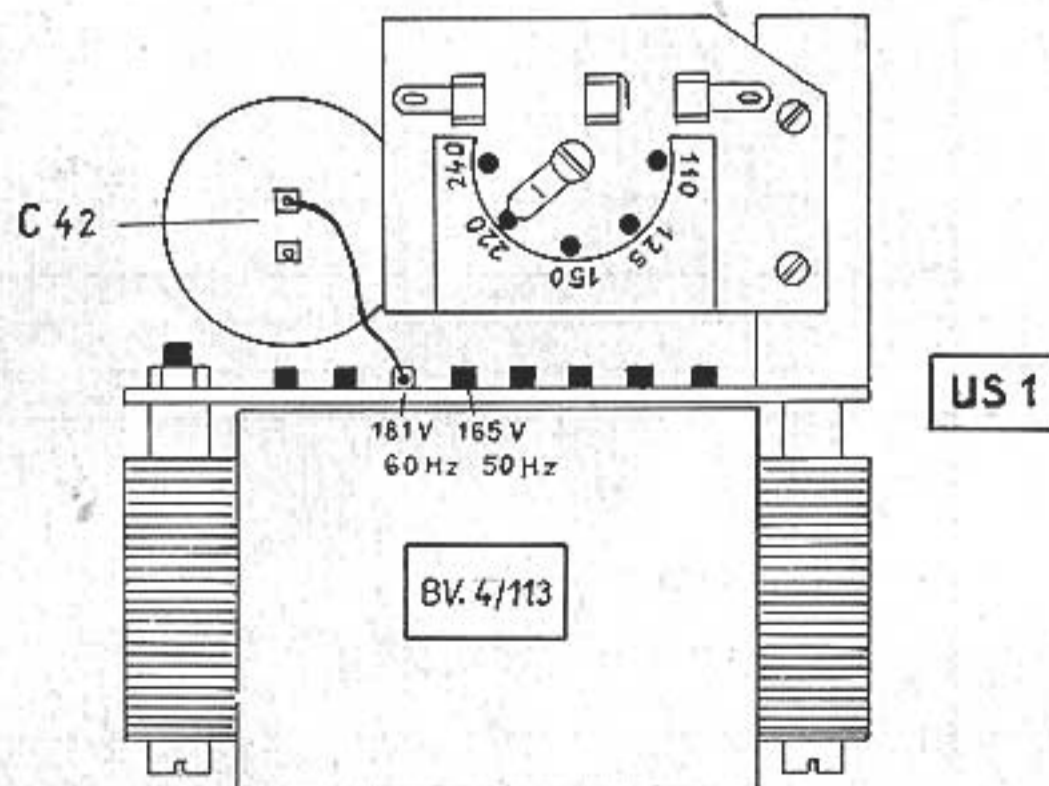
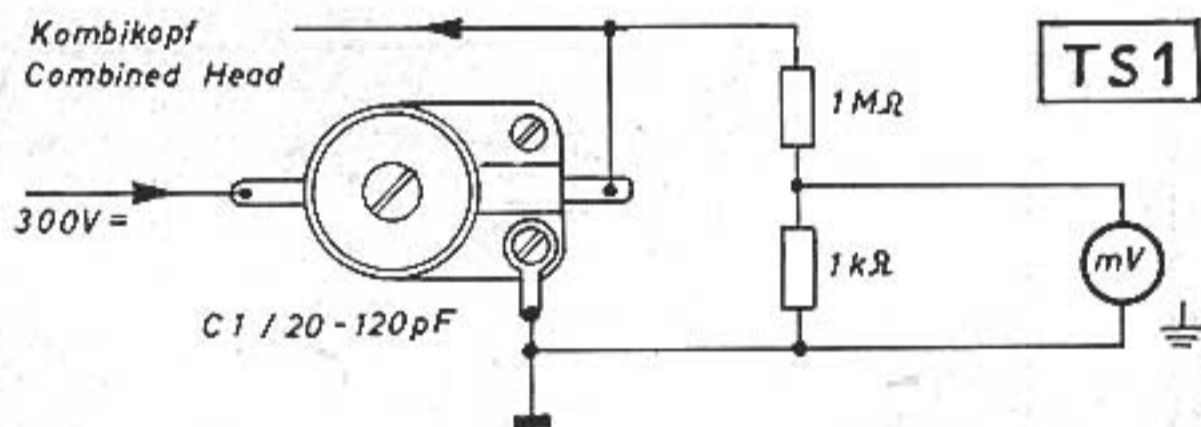
Apply a voltage of approximately 10 mV (1000 cycles) at terminals 1 and 2 of the "RADIO" input jack and connect VTVM (shunted by 10000 ohms) at 2 and 3 of the "EXTERNAL SPEAKER/EARPHONE output jack. Turn recording level control until VTVM indicates $0,65$ volt. Then the indicator tube EM 84 must show full level (i. e. the space between the fluorescent creen tracings is 1 mm . If necessary adjust R 19 for proper indication).

Lubricating and Maintenance:

As all bearings are fitted with sintered metal sleeves lubricating of these parts is unnecessary for years. Only the locking device of the push button system is to be greased with vaseline from time to time. Neither the contacts of the push button system nor those of the switch on the amplifier plate should come in contact with any grease or contact cleaning agents. Tape guides and sound heads should be cleaned with methanol in order to remove any deposits of tape coating.

Conversion to 60 c/s

Replace the motor pulley by 60 c/s type (stock number 70006). The motor condensor (C 42, 4.5 mF) has to be exchanged against 60 c/s type 3.5 mF (stock number 70301 a). Change connexion of the motor lead at the mains transformer according to (US 1).



Technische Daten:

Bandgeschwindigkeit:

Max. Spulengröße:

Laufzeit:
(Doppelspielband 720 m)

Frequenzumfang:

Störabstand:

Gleichlaufabweichung:

Ausgangsleistung:

Klirrfaktor:

Eingänge:

Ausgänge:

Netzanschluß:

Technical Data:

Tape speed:

Max. Reel Diameter:

Recording or Playing Time:
(double Playing tape 2400ft.)

Frequency Response:

Signal to Noise Ratio:

Wow and Flutter:

Output:

Distortion Factor:

Inputs:

Outputs:

Power Supply:
(Requirement)**UHER 730**4,75 cm/s
9,53 cm/s
19,05 cm/s
18 cm Durchmesser
2 x 240 Minuten
2 x 120 Minuten
2 x 60 Minuten

40— 8 000 Hz

(4,75 cm/s)

40—16 000 Hz

(9,53 cm/s)

40—20 000 Hz

(19,05 cm/s)

> 45 dB

± 0,1% (19,05 cm/s)

3,5 Watt

bzw. 6 Watt (Modell 730/6)

Max. 5% tot.

Mikrofon: 3,5 mV/10 MOhm

Radio: 3,5 mV/33 kOhm

Phono: 100 mV/1 MOhm

3 V/4 Ohm

0,5 V/15 kOhm

10 V/100 kOhm

110, 125, 160, 220, 240 V

Wechselspannung 50 Hz, 65 Watt

(auf 60 Hz umstellbar)

1 7/8 ips.

3 3/4 ips.

7 1/2 ips.

7 in.

2 x 240 mins.

2 x 120 mins.

2 x 60 mins.

40— 8 000 c/s

(1 7/8 ips.)

40—16 000 c/s

(3 3/4 ips.)

40—20 000 c/s

(7 1/2 ips.)

> 45 db

± 0,1% (7 1/2 ips.)

3,5 watts resp. 6 watts

(Type 730/6)

max. 5% tot.

Microphone:

3,5 mV/10 megohms

Radio:

3,5 mV/33 000 ohms

Phono:

100 mV/1 megohms

3 volts/4 ohms

0,5 volts/15 000 ohms

10 volts/100 000 ohms

110, 125, 160, 220, 240 volts A.C.

50 cps. — 65 watts

(changeable to 60 cps.)

UHER 7604,75 cm/s
9,53 cm/s
19,05 cm/s
18 cm Durchmesser
2 x 240 Minuten
2 x 120 Minuten
2 x 60 Minuten
(Mono-Aufnahme u. Wiedergabe)
240 Minuten 120 Minuten
60 Minuten (Stereo-Wiedergabe)

40— 8 000 Hz

(4,75 cm/s)

40—16 000 Hz

(9,53 cm/s)

40—20 000 Hz

(19,05 cm/s)

> 45 dB

± 0,1% (19,05 cm/s)

3,5 Watt

Max. 5% tot.

Mikrofon: 3,5 mV/10 MOhm

Radio: 3,5 mV/33 kOhm

Phono: 100 mV/1 MOhm

3 V/4 Ohm

0,5 V/15 kOhm

10 V/100 kOhm

110, 125, 160, 220, 240 V

Wechselspannung 50 Hz, 70 Watt

(auf 60 Hz umstellbar)

1 7/8 ips.

3 3/4 ips.

7 1/2 ips.

7 in.

2 x 240 mins.

2 x 120 mins.

2 x 60 mins.

(Mono-Recording and Playback)

240 mins. 120 mins. 60 mins.

(Stereo-Playback)

40— 8 000 c/s

(1 7/8 ips.)

40—16 000 c/s

(3 3/4 ips.)

40—20 000 c/s

(7 1/2 ips.)

> 45 db

± 0,1% (7 1/2 ips.)

3,5 watts

max. 5% tot.

Microphone:

3,5 mV/10 megohms

Radio:

3,5 mV/33 000 ohms

Phono:

100 mV/1 megohms

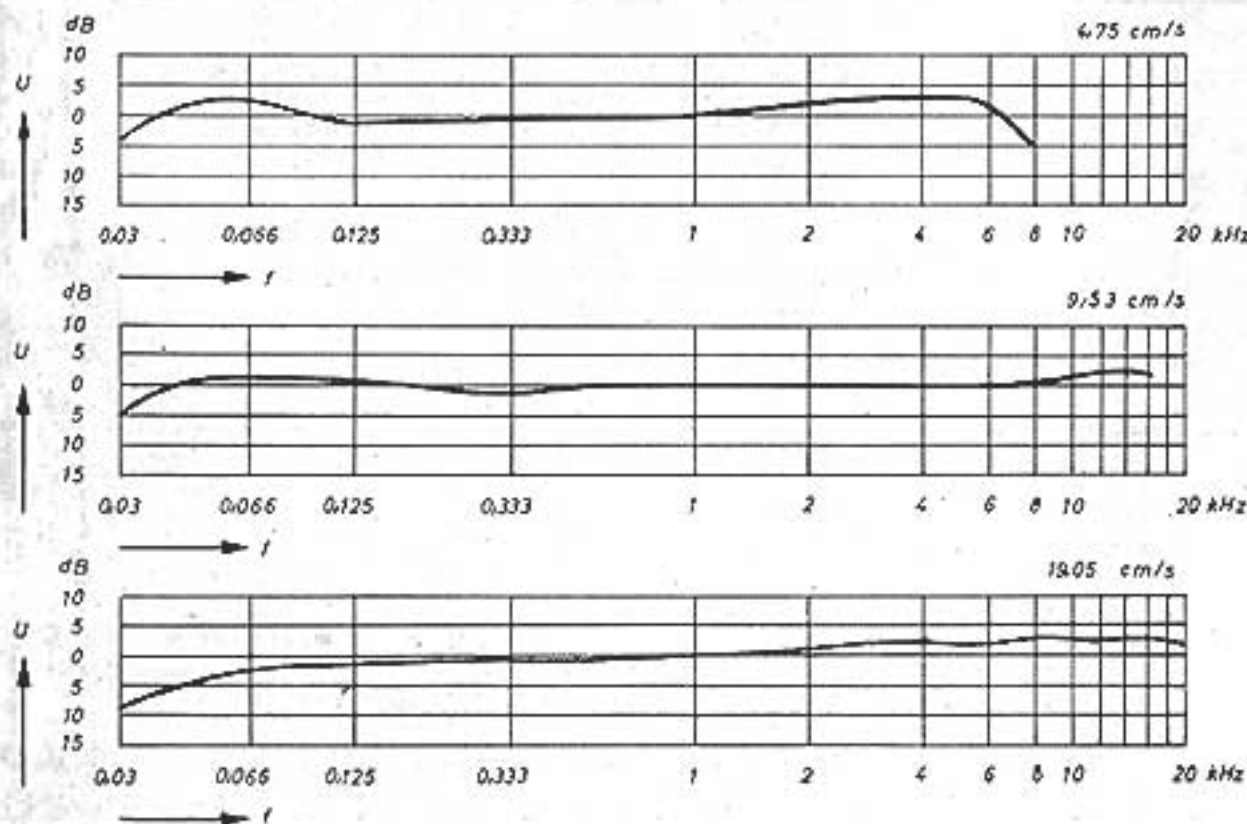
3 volts/4 ohms

0,5 volts/15 000 ohms

110, 125, 160, 220, 240 volts A.C.

50 cps. — 70 watts

(changeable to 60 cps.)



**Frequenzgang
über alles
Over all frequency
response**