



GRUNDIG R

Repair Manual

945 WX
945 BX
945 GWX

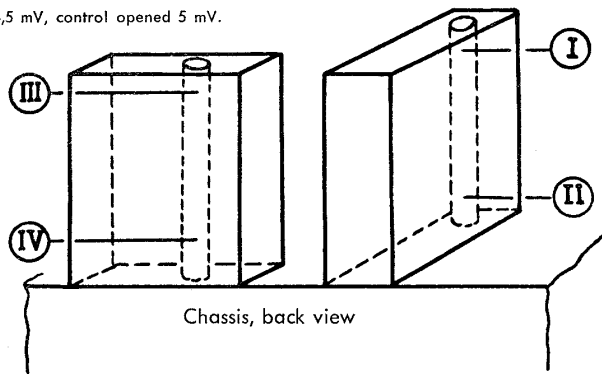
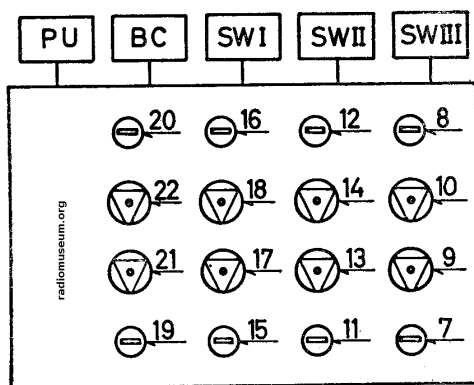
IF-Alignment 468 kc

Wave range, Tuning Condenser setting	coupling of Signal Generator	Alignment	Sensitivity	Remarks
SW I, turned in	G: EF 41 — UF 41 — DF 91	(I) and (II) Maximum	WX 1 mV GWX 1 mV BX 4 mV	During alignment damp circuits alternately with 5 nF + 10 kOhm in series Selectivity: 1 : 75 Bandwidth: 4,2 Kc
	G: ECH 42 — UCH 42 — G: DK 92	(III) and (IV) Maximum	WX 10 μ V GWX 12 μ V BX 80 μ V	
BC, turned in	to aerial	(V) Minimum		Locking depth: 1 : 40
1 Mc	G: ECH 42 — UCH 42 — G: DK 92		WX 16 μ V GWX 16 μ V BX 100 μ V	Mixing sensitivity

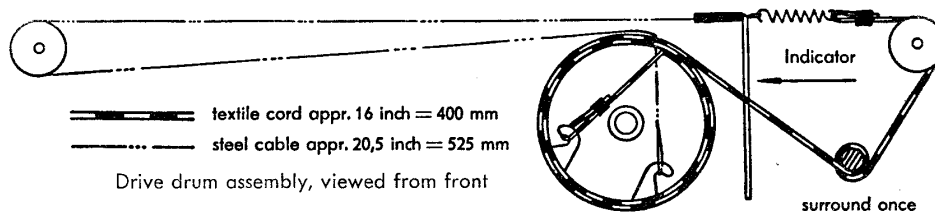
Oscillator and Precircuit Alignment (Phantom aerial to aerial and ground sockets)

Wave range, Frequency, Indicator setting	Oscillator	Precircuit	Oscillating current μ A	Sensitivity μ V	Image Suppression	Remarks	
SW III	15,5 Mc	7 Maximum	8 Maximum	WX 250—310 GWX 300—400 BX 70—150	WX 20 GWX 30 BX 110	1 : 4	
	25 Mc	9 "	10 "				
SW II	6,5 Mc	11 "	12 "	WX 270—370 GWX 350—400 BX 80—110	WX 16 GWX 15 BX 90	1 : 10	Volume control open fi < fo
	14 Mc	13 "	14 "				
SW I	2,4 Mc	15 "	16 "	WX 310—350 GWX 350—500 BX 130—160	WX 10 GWX 10 BX 50	1 : 30	The aligning is to be done in such sequence that the aligning frequencies appear at the given positions on the dial.
	5,5 Mc	17 "	18 "				
BC	560 kc	19 "	20 "	WX 350—540 GWX 300—370 BX 140—190	WX 8 GWX 8 BX 30	1 : 300	Repeat aligning a few times and end with trimmer.
	1500 kc	21 "	22 "				

AF Sensitivity: 945 WX, BX, GWX 30 mV; Hum: control closed 3,5 mV, control opened 5 mV.

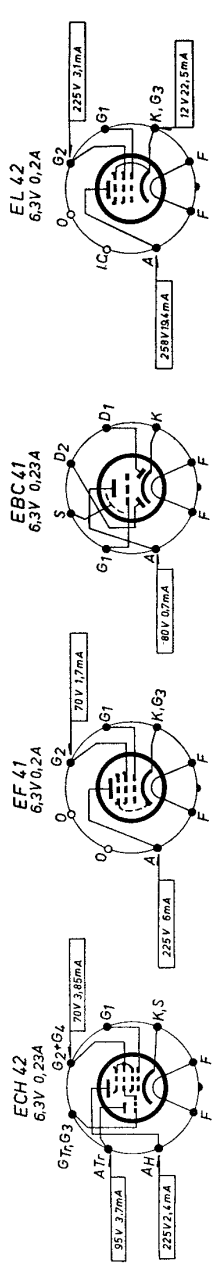


Coil Block, view from below

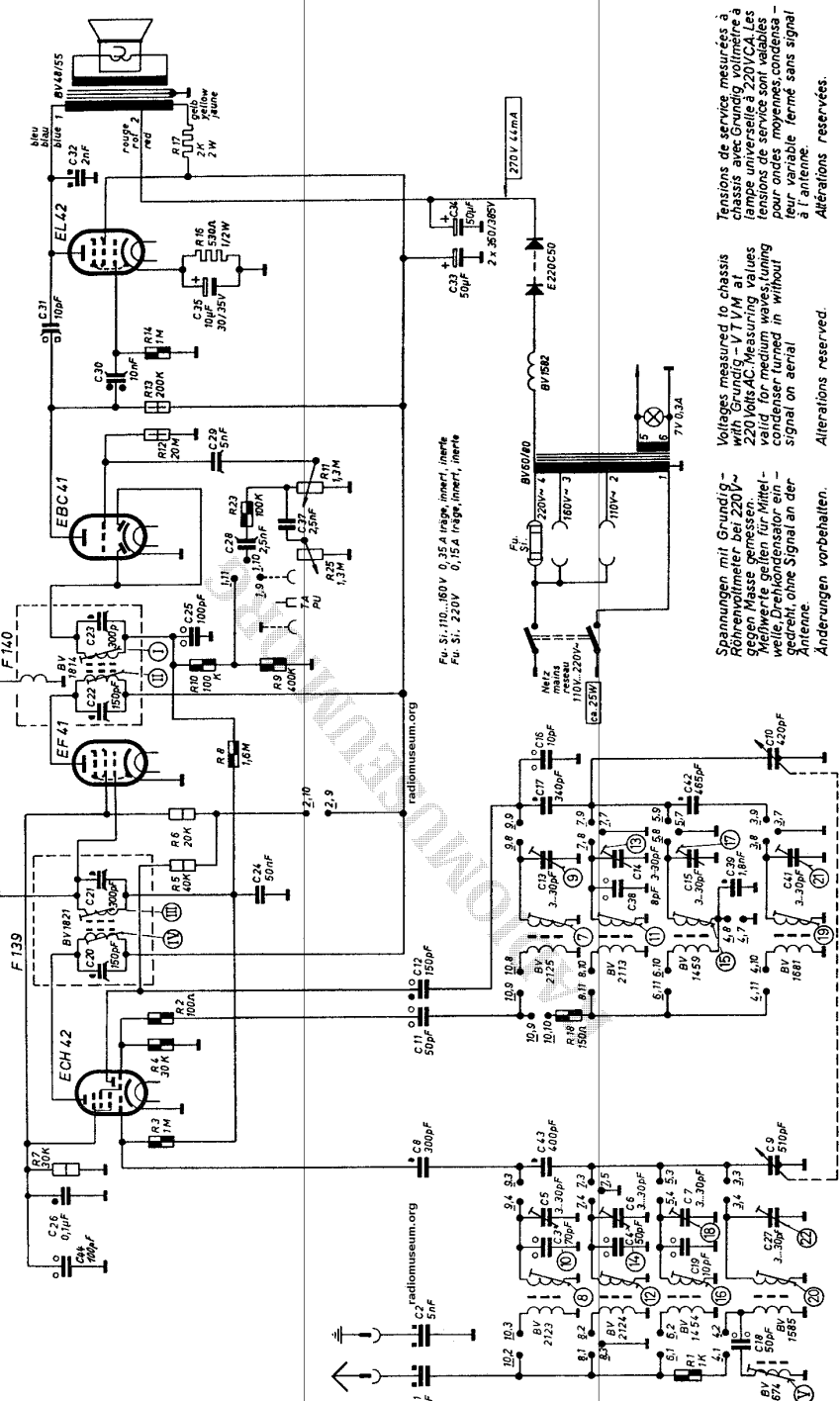


GRUNDIG RADIO-WERKE · FÜRTH/BAY.

Diagram for Model 945 WX



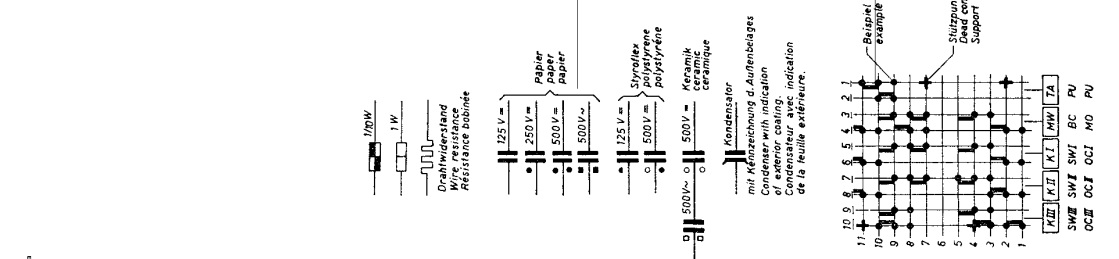
radiomuseum.org
 capacité de fil monté
 wiring capacity
 Schallkapazität/radiomuseum.org



Fu. 3: 110...180V 0,35 A insgn. inert, interne
 Fu. 3: 220V 0,15 A insgn. inert, interne

Tensions de service mesurées à
 chassis avec Grundig voltmètre à
 échelle universelle à 220VCA. Les
 tensions de service sont valables
 pour ondes moyennes, condensés -
 leur variable fermé sans signal
 à l'antenne.
 Alterations réservées.

Spannungen mit Grundig-
 Röhrenvoltmeter bei 220V~
 gegen Masse gemessen.
 Messwerte gelten für Mittel-
 wellen. Drehkondensator ein-
 gedreht, ohne Signal an der
 Antenne.
 Änderungen vorbehalten. Alterations reserved.



C:	1, 18, 2, 10, 9, 20, 11, 12, 20, 21, 20, 15, 4, 2, 18, 5, 6, 6, 10, 16, 22, 25, 23, 28, 37, 29, 30, 31, 35, 33, 34, 32, 17,
R:	1, 18, 2, 10, 9, 20, 11, 12, 20, 21, 20, 15, 4, 2, 18, 5, 6, 6, 10, 16, 22, 25, 23, 28, 37, 29, 30, 31, 35, 33, 34, 32, 17,

Spulensatz: Nr 733 ZF=468 kHz
 Coil set: 733 LF=468 kc/s
 bloc bobinage: 733 LF=468 kc/s