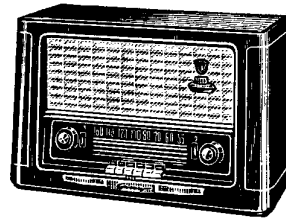




GRUNDIG Repair Manual



3048 W / 3048 Ph
3048 TB / 6055 WE

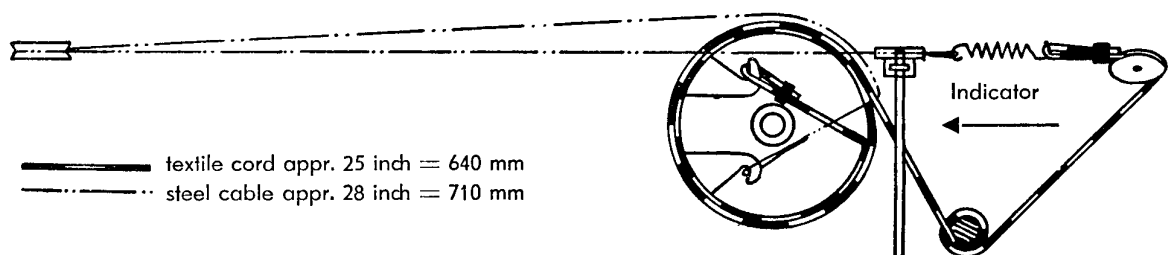
Hum: control closed: 0,4 . . . 1 mV
control open: 1 . . . 3 mV

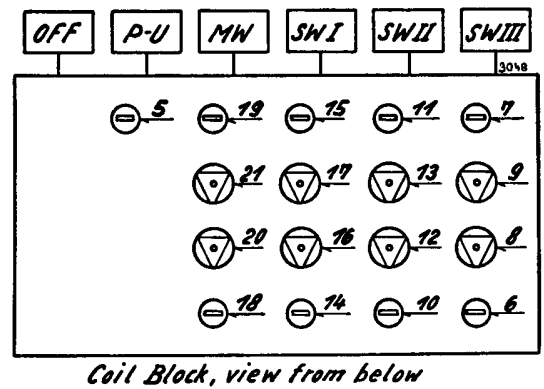
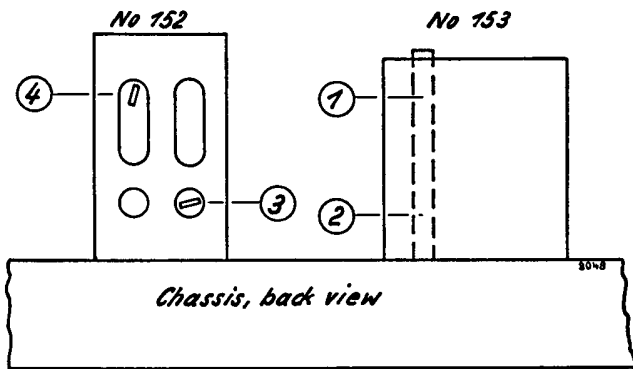
IF Alignment 468 kc

Wave range, tuning condenser position	Coupling of Signal Generator	Alignment	Remarks
SW I condenser tuned in	50 nF on grid 1 EF 41	(1) and (2) Maximum	Please adjust the coil lift of the variable IF transformer in such a position that the dust iron core is on the level with the lower edge of the metal screen when tuned to the position „full bandwidth”. Always align in position „small bandwidth”. Selectivity on 1 Mc on position „small” approx. 1 : 180. Bandwidth on position „small” approx. 2,5 kc, on position „broad” approx. 8 kc.
	50 nF on grid 1 ECH 42	(3) and (4) Maximum	
MW condenser tuned in	phantom aerial to aerial and ground socket	5 internal Minimum	Locking depth approx. 1 : 25

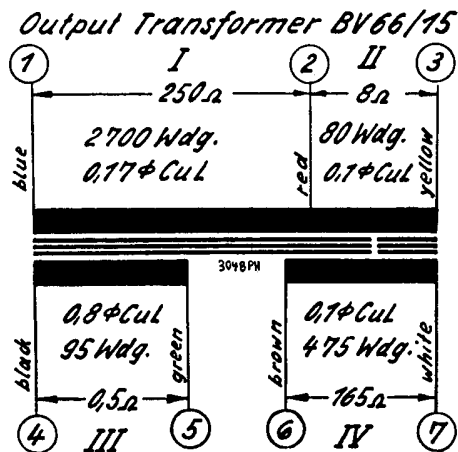
Oscillator and precircuit (with phantom aerial to the aerial and ground socket)

Wave range, frequency, Indicator position	Oscillator	Precircuit	Oscillating Current μ A	Sensitivity μ A	Image selectivity	Remarks
SW III 13,5 Mc 21,5 Mc	(6) Maximum	(7) int. Maximum	310	15	1 : 4,5	Please adjust indicator on 2 Mc mark when condenser is tuned in. Measurement of sensitivities has been taken when bass note register was tuned to maximum and variable IF coupling (IF transformer 152) was tuned to critical point. fo > fe
	(8) Maximum	(9) Maximum	310	20	1 : 1,5	
SW II 6,5 Mc 12,5 Mc	(10) Maximum	(11) Maximum	350	12	1 : 10	
	(12) Maximum	(13) Maximum	340	13	1 : 8	
SW I 2,2 Mc (13,5 Mc) 5,5 Mc	(14) Maximum	(15) Maximum	390	8	1 : 40	
	(16) Maximum	(17) Maximum	390	10	1 : 12	
MW 550 kc 1500 kc	(18) Maximum	(19) Maximum	310	7,5	1 : 380	
	(20) Maximum	(21) Maximum	430	8,5	1 : 120	

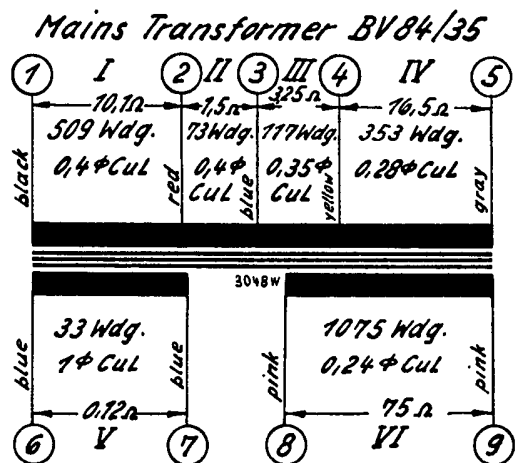
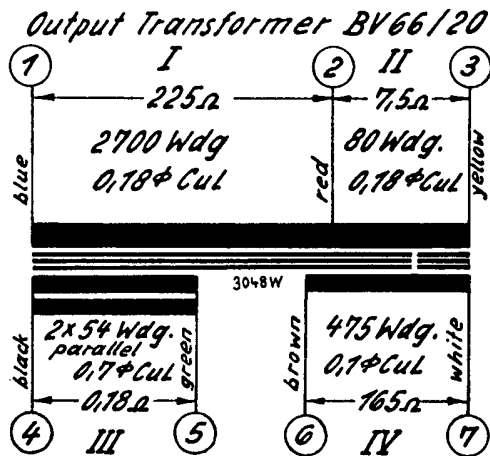




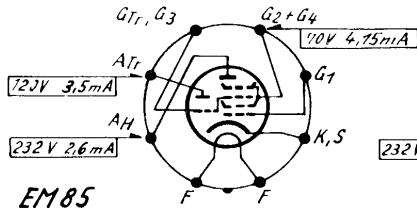
for Models 3048 Ph, 3048 TB, 6055 WE



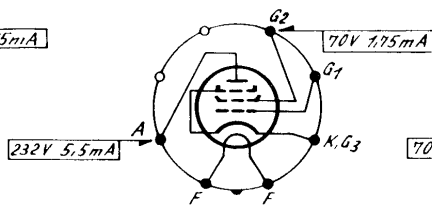
for Models 3048 W



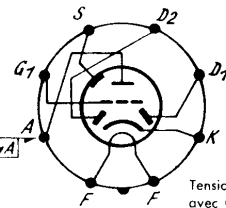
ECH 42
6,3V 0,23A



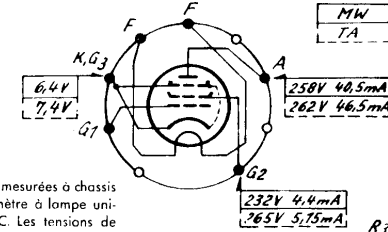
EF 47
6,3V 0,2A



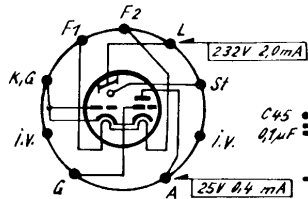
EBC 41
6,3V 0,23A



EL 84
6,3V 0,76A



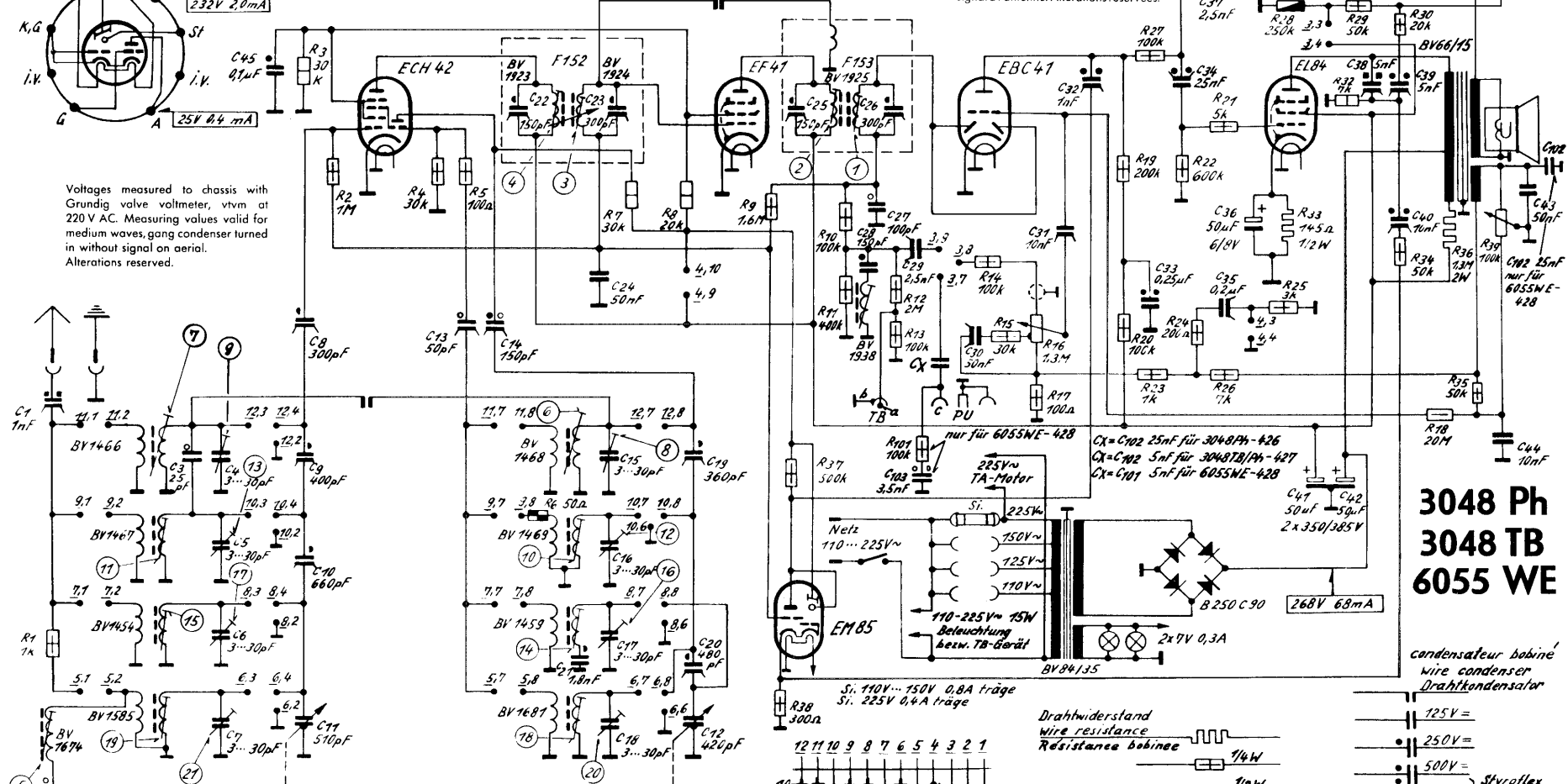
EM 85
6,3V 0,3A



Tensions de service mesurées à chassis avec Grundig voltmètre à lampe universelle à 220 V AC. Les tensions de service sont valables pour ondes moyennes, condensateur variable fermé sans signal à l'antenne. Altérations réservées.

capacité de fil monte
wiring capacity
Schaltkapazität

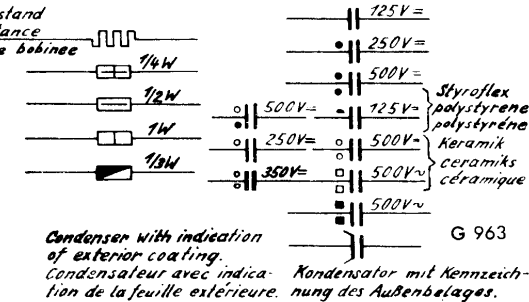
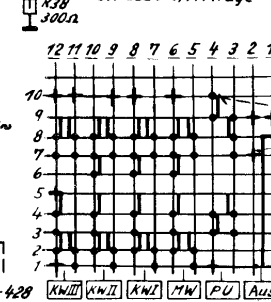
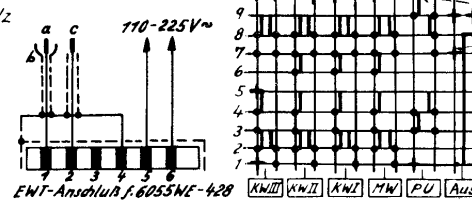
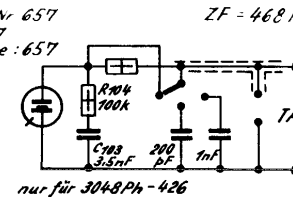
Voltagcs measured to chassis with Grundig valve voltmeter, vtvm at 220 V AC. Measuring values valid for medium waves, gong condenser turned in without signal on aerial. Alterations reserved.



3048 Ph
3048 TB
6055 WE

condensateur bobine
wire condenser
Drahtkondensator

Spannungen mit Grundig-Röhrevoltmeter bei 225V~ gegen Masse gemessen. Meßwerte gelten für Mittelwelle, Drehkondensator eingedreht, ohne Signal an der Antenne. Änderungen vorbehalten.



C:	1, 2,	3,	7, 5, 6, 4, 45, 8,	9, 11, 10,	103,	13, 14, 22, 23, 24, 21, 17, 18, 16, 15,	12, 20, 19,	25, 26, 28, 27, 103, 29, 101, 30,	31, 32,	33, 37, 34, 35, 36, 41,	42, 38, 40, 39,	102, 44, 43		
R:	1	2	3	104, 4,	5	6	7	8	9	38, 37, 10, 11,	12, 13, 101,	14, 15, 17, 16,	19, 20, 23,	21, 24, 26, 27, 22, 20, 25, 33, 29, 32, 31, 34, 30, 36, 18, 35, 39