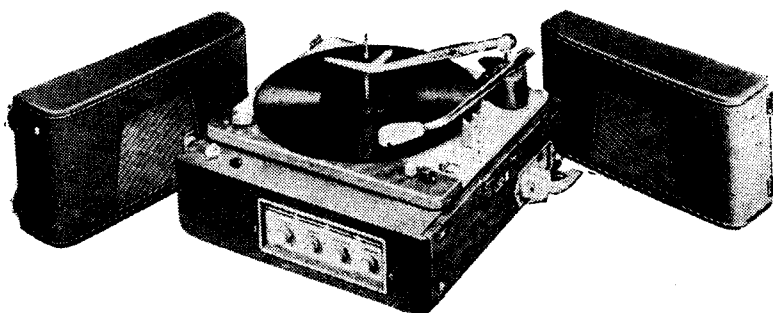


PHILIPS *Service*

AG 9115

notes

PHONOGRAM AG 9115



SPECIFICATIONS

Power Supply	110, 127, 220, 240V, 50c/s.
Consumption	Approx. 40W.
Power Output	2W per channel.
Case	Portable, plastic-covered timber.
Record Changer	AG 1015-95
Pick-up Heads	See table below.
Pilot Lamp	7089D 6V, 1.5W round bulb, screw base, bicycle tail.

PICK-UP HEADS

Type No.	HEAD	Element	Description	STYLUS	Code No.
AG 3302	Crystal	Crystal	Sapphire, 75 μ macrogroove (78 r.p.m.)		946/S49
			Sapphire, 18 μ stereo microgroove		946/S46
AG 3305	Crystal	Crystal	Sapphire, 75 μ macrogroove (78 r.p.m.)		946/S49
			Diamond, 18 μ stereo microgroove		946/D42
AG 3222	Ceramic	Ceramic	Sapphire, 75 μ macrogroove (78 r.p.m.)		946/S36
			Diamond, 18 μ stereo microgroove		946/D39

VALVES AND RECTIFIER

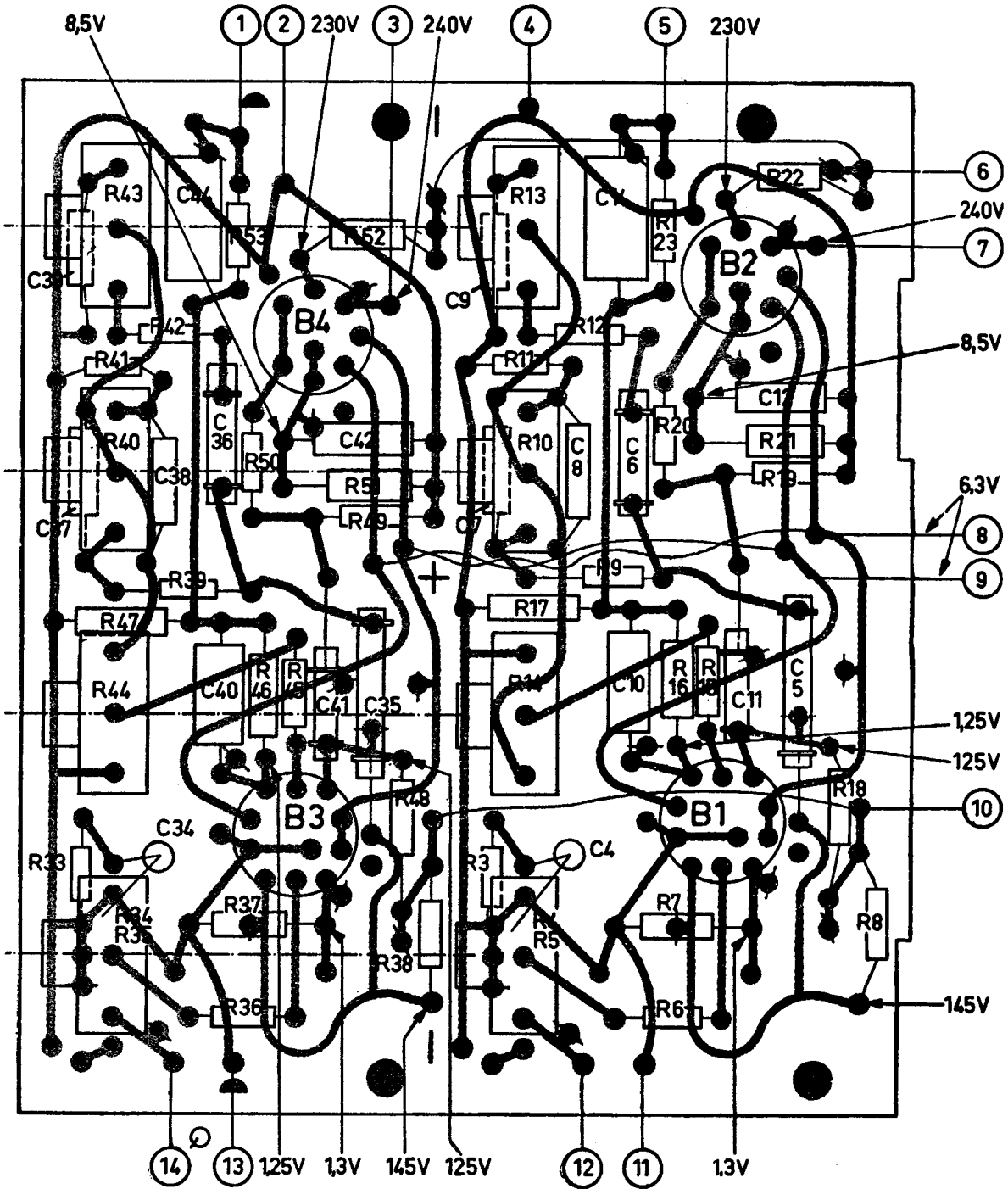
ECC 83, 2x
EL 95, 2x
Selenium rectifier SR 250 B 100

SPARE PARTS LISTS

No.	Description	CAPACITORS	Code No.	
C1 } C2 } C3 }	Triple 50 μ F 350VW electrolytic		913/M50+50+50	
C4-34		18 nF 125V polyester 10%		906/L18K
C5-35		22 nF ceramic -20% +50%		904/22K
C6-36	330 pF ceramic 2%		904/330E	
C7-37	2.7 nF 125V polystyrene 5%		906/L2K7	
C8-38	10 nF 125V polyester 5%		906/L10K	
C9-39	3.3 nF mica 1%		905/3K3	
C10-40	25 μ F 10VW electrolytic		C425 AF/D25	
C11-41	3.3 nF ceramic -20% +50%		904/3K3	
C12-42	16 μ F 40VW electrolytic		909/X16	
C13-43	1.5 nF 1kV paper		906/V1K5	
C14-44	3.3 nF 400V polyester		906/3K3	

NOTE—nF = nanofarad, i.e. 10^{-9} farad.

AG 9115



RESISTORS

No.	Description.	Code No.
R1	1,000 Ω carbon 2W 10%	
R2	18,000 Ω carbon 1W 10%	
R3-33	15,000 Ω carbon $\frac{1}{2}$ W 10%	
R4/5-34/35	0.5M Ω tapped 50,000 Ω carbon potentiometer, log. taper (volume)	B1.640.37
R6-36	1,000 Ω carbon $\frac{1}{2}$ W 10%	
R7-37	2,200 Ω carbon 1W 10%	
R8-38	100,000 Ω carbon 1W 10%	
R9-39	100,000 Ω carbon $\frac{1}{2}$ W 10%	
R10-40	0.5M Ω carbon potentiometer, log. taper (bass)	B1.640.36
R11-41	33,000 Ω carbon $\frac{1}{2}$ W 10%	
R12-42	22,000 Ω carbon $\frac{1}{2}$ W 10%	
R13-43	0.5M Ω carbon potentiometer, log. taper (treble)	B1.640.36
R14-44	0.5M Ω carbon potentiometer linear taper (balance)	B1.640.35
R15-45	1,000 Ω carbon $\frac{1}{2}$ W 10%	
R16-46	3,300 Ω carbon 1W 10%	
R17-47	100 Ω carbon 1W 5%	
R18-48	220,000 Ω carbon 1W 10%	
R19-49	680,000 Ω carbon $\frac{1}{2}$ W 10%	
R20-50	1,000 Ω carbon $\frac{1}{2}$ W 10%	
R21-51	330 Ω carbon 1W 5%	
R22-52	390 Ω carbon 1W 10%	
R23-53	1,500 Ω carbon $\frac{1}{2}$ W 10%	

INDUCTORS

S1	Power Transformer	A3 142 92
S1a		
S1b		
S2		
S3		
S4	Output Transformer	A3 154 12
S5		
S34	Output Transformer	A3 154 12
S35		
S6	Speaker (Z = 3 Ω)	940/AD 3721
S36	Speaker (Z = 3 Ω)	940/AD 3721

FUSES

Z1	Thermal 125°C.	974/T125
Z2	80 mA	974/V80
Z3	50 mA	974/V50

MECHANICAL

Carrying handle	AE 013 50
Case lock, 2x	AE 007 48
Case hinge, 4x	AE 501 68
Grille in case bottom	AE 013 51
Plastic control panel	P5 510 94/159/GH
Grille in speaker case, 2x	AE 013 52
Control knob, 4x	AE 570 24
Mains switch	AE 007 74
Switch escutcheon	P5 510 88/723/FB
Lamp bezel	A3 372 73
Voltage adjustment knob (male)	WT 886 86
Voltage adjustment socket (female)	AE 152 88
Spring-loaded case foot, 4x	AE 153 82
Pilot lamp socket	976/S2x12
Speaker socket (female), 2x	979/S2x19
Speaker plug (male), 2x	978/M3x19

R:	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
R:	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.
C:	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	
C:	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.	

