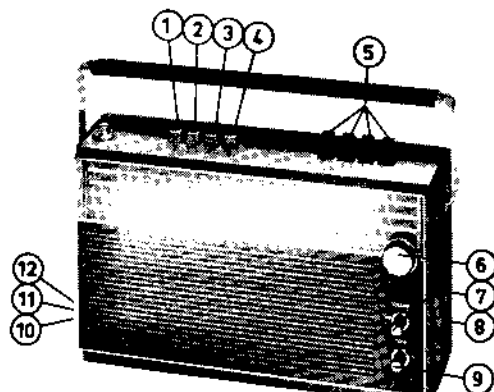


# Service manual

RADIO 7319T/00R/15R



TRA 4124

<p>① LW switch LG-schakelaar Commutateur GO LW-Schalter Commutatore OL Commutador OL LV-omkopplare LB-omskifter LB-vender PA-kytkin</p>	SK-C	<p>⑤ Station selector Stationskeuzeschakelaar Sélecteur de stations Senderwähler Selettore delle stazioni Selector de estaciones Stationsväljare FM-programvælger Stasjonsvelger Asemanvalitsin</p>	<p>⑨ Tone control Toonregelaar Commande de tonalité Tonregler Comando tono Regulador de tonalidad Tonkontroll Tonekontrol Tonekontroll Äänenvärinsäätö</p>
<p>② MW switch MG-schakelaar Commutateur PO MW-Schalter Commutatore OM Commutador OM MV-omkopplare MB-omskifter MB-vender KA-kytkin</p>		<p>⑥ Tuning Afstemming Syntonisation Abstimmung Sintonia Sintonización Avstämning Afstemning Avstemning Viritys</p>	<p>⑩ Recorder connection Recorder-aansluiting Prise magnétophone Tonbandgeräteanschluss Presa registratore Conexión de magnetófono Bandspelaringång Tilslutning for båndoptager Kontakt for båndoptaker Nauhuriiliitäntä</p>
<p>③ SW switch KG-schakelaar Commutateur OC KW-Schalter Commutatore OC Commutador OC KV-omkopplare KB-omskifter KB-vender LA-kytkin</p>	SK-B	<p>⑦ Volume control + on/off switch Volumeregelaar + aan-/uitschakelaar Commande de volume + interrupteur Lautstärkeinsteller + Ein/Aus-Schalter Comando volume + interruttore Regulador de volumen + interruptor Volymkontroll + till/från omkopplare Styrkekontroll + afbryder Volumkontroll + på/av vender Voimakkuussäätin + on/ei kytkin</p>	<p>⑪ Earphone connection Oortelefoonsaansluiting Prise écouteur Ohrhöreranschluss Presa auricolare Conexión de auricular Hörtelefoningång Tilslutning for hovedtelefon Kontakt for øretelefon Kuulokeliitäntä</p>
<p>④ FM switch FM-schakelaar Commutateur FM FM-Schalter Commutatore FM Commutador FM FM-omkopplare FM-omskifter FM-vender ULA-kytkin</p>	SK-A	<p>⑧ External supply connection Externe voeding-aansluiting Prise d'alimentation ext. Anschluss externe Speisung Presa alimentazione Conexión de alimentación externa Ingång f. yttre spänningskälla Tilslutning for strømforsyner Kontakt for batterieliminatör Virtalähdeliitäntä</p>	<p>⑫ Aerial connection Antenne-aansluiting Prise antenne Antennenanschluss Presa d'antenna Conexión de antena Antenningång Tilslutning for antenne Kontakt for ytre antenne Antenniliitäntä</p>

C446

R583  
+  
SK-E

Index: CS27604, CS26441-CS26445, CS27605, CS27606

GB	NL	F	D	I
Battery	6 V (4x1.5 V)	Batterij	Batterie	Batteria
Consumption	25 mA	Verbruik	Verbrauch	Consumo
(without signal)		(zonder signaal)	(sans signal)	(senza segnale)
Output power	800 mW	Uitgangs- vermogen	Puissance de sortie	Potenza di uscita
Loudspeaker	Z = 4 $\Omega$	Luidspreker	Haut-parleur	Altoparlante
IF (AM)	452 kHz	MF (AM)	ZF (AM)	FI (AM)
IF (FM)	10.7 MHz	MF (FM)	ZF (FM)	FI (FM)
Dimensions	290x175x75 mm	Afmetingen	Dimensions	Dimensioni

E	S	DK	N	SF
Bateria	6 V (4x1.5 V)	Batterier	Batteri	Pariato
Consumo	25 mA	Strömförbrukning	Strömforbruk	Kulutus
(sin señal)		(utan signal)	(uten signal)	(ilman lähetettä)
Potencia de salida	800 mW	Uteffekt	Udgangseffekt	Lähtöteho
Altavoz	Z = 4 $\Omega$	Högtalare	Højtaler	Kovaääninen
FI (AM)	452 kHz	MF (AM)	MF (AM)	VT (AM)
FI (FM)	10.7 MHz	MF (FM)	MF (FM)	VT (FM)
Dimensiones	290x175x75 mm	Dimensioner	Dimensjoner	Mitatat

#### WAVE RANGES

LW : 150 - 260 kHz (2000 - 1154 m)  
 MW : 517 - 1622 kHz ( 580 - 185 m)  
 SW : 5.95 - 6.2 MHz ( 50.4 - 48.4 m)  
 FM : 87.5 - 104 MHz

#### Transistors

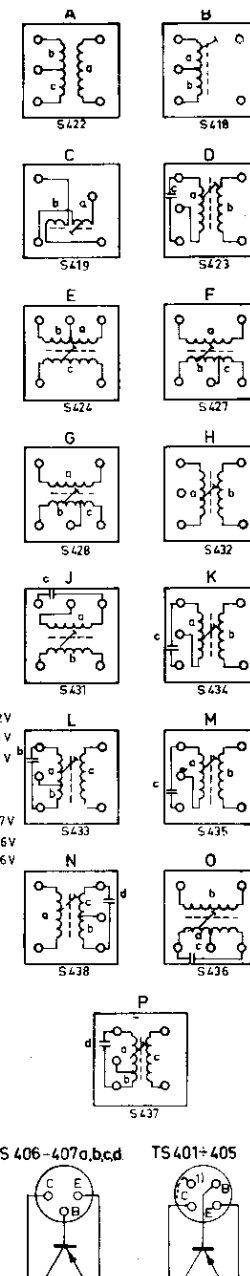
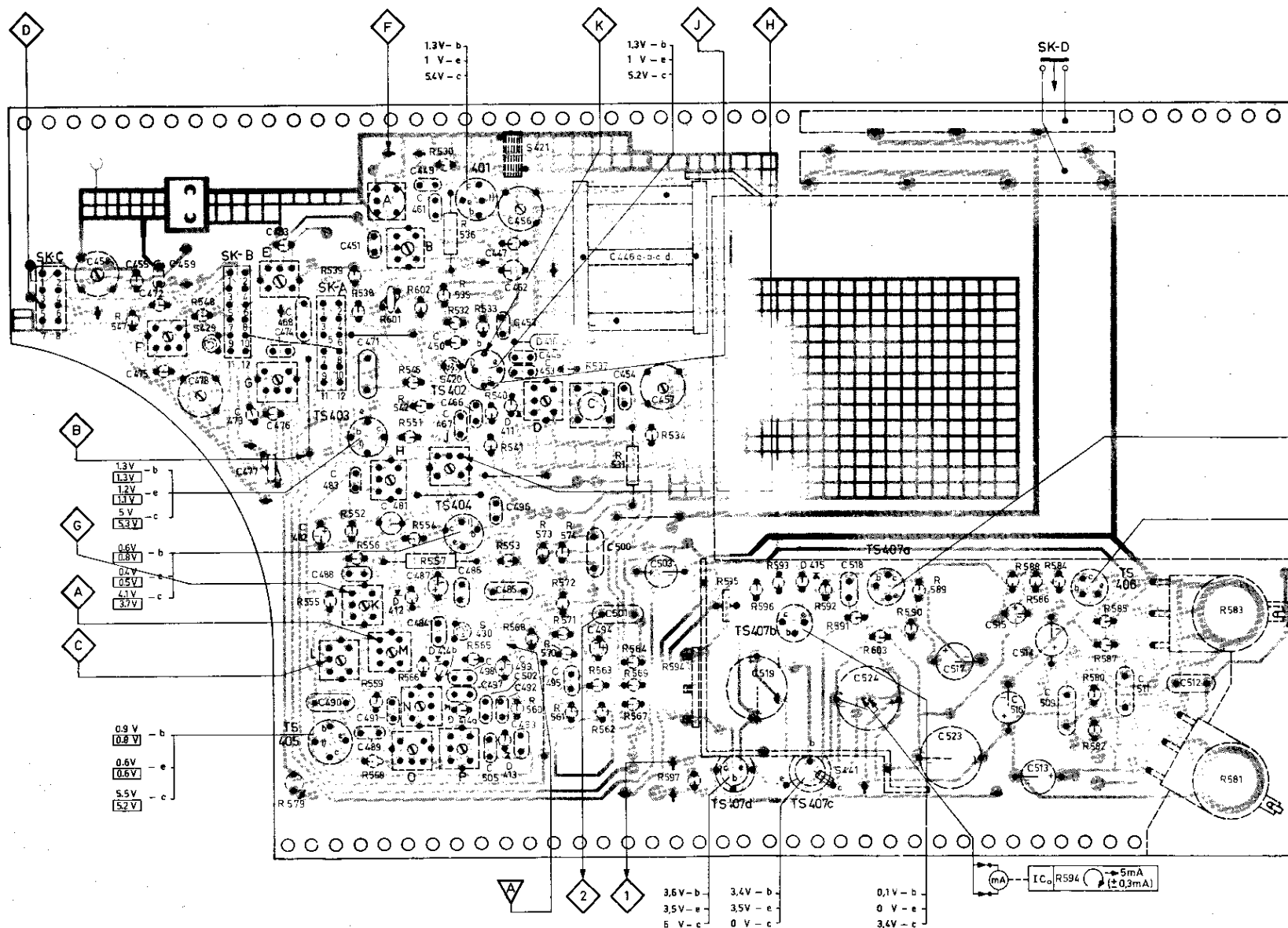
TS401 - AF124  
 TS402 - AF124  
 TS403 - AF125  
 TS404 - AF125  
 TS405 - AF125  
 TS406 - AC126  
 TS407a - AC127  
 TS407b - AC128  
 TS407c/d - AC127/AC128

#### Diodes

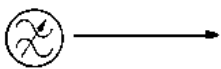















































D410 - BA102  
 D411 - AA119  
 D412 - AA119  
 D413 - AA119  
 D414a/b - 2-AA119  
 D415 - BA414

- 
- Figure 1 consists of three schematic diagrams labeled (A), (B), and (C), each representing a different test situation. Each diagram shows a subject (SK-A, SK-B, SK-C) on the left, a control panel (FM) in the middle, and a target (I, K0, L0) on the right. The control panel (FM) has various buttons and indicators. In (A), the target (I) is a simple vertical line. In (B), the target (K0) is a more complex shape. In (C), the target (L0) is a complex shape with multiple segments. The diagrams illustrate the spatial arrangement and the interaction between the subject, the control panel, and the target in each test situation.

S	F 429. GE L. K. M.H.A.B.O.N.J.430.P 420. 421. D. C. 441.																																		
C	458	455	475	472	478	473	477	476	463	468	474	483	451	471	461	448	450	467	466	447	462	452	456	448	453	454	446	a, b, c, d, 457							
C	459.				482 490 488 485 491 481 484 487 486 498 497 505 496 485 502 492 493 495 496 500 494 501. 503														519	518	524.	517	523.	515.	516.	514.	513	509.	511.	512					
R	547.	548.				539. 538 501. 5515 42546 602 535. 536 532 533 540 541 571 572 573 537563 531534.																													
R						579	555	552 556 558 555 558 554 557 530 565 553 560 568 561 570 574 562 564 569 567 594 597 595 596. 593 592 591. 603 589 590 588 586. 584. 582 580 587 585 581 583																											



TRA 1980

SK.... (wave range)	 (signal to)		 (var. cap.)	 (adjust)	 (output)	
MW (517-1622 kHz)	452 kHz via 33 nF	   	Min.		    Max. 	
MW (517-1622 kHz)	512 kHz 1635 kHz		Max. Min.	 	 C478	
Repeat - Herhalen - Répéter - Wiederholen - Ripetere - Repfånse - Repetera - Gentage - Gjentagelse - Toista						
LW (150-260 kHz)	155 kHz			S425c,d		Max. 
MW (517-1622 kHz)	550 kHz			S425a,b		
	1500 kHz			C458		
Repeat - Herhalen - Répéter - Wiederholen - Ripetere - Repfånse - Repetera - Gentage - Gjentagelse - Toista						
SW (5.95-6.2 MHz)	5.89 MHz 6.07 MHz 6.07 MHz		Max. 	   		Max. 
FM (87.5-104 MHz)	10.7 MHz (50 Hz-Δf:200 kHz) via 5 nF	    	Min. 	 	      	
FM (87.5-104 MHz)	86.5 MHz 105 MHz		 	 S421 C457 C456		Max. 