TECHNICAL SERVICE INFORMATION

ISSUED BY

KRIESLER AUSTRALASIA PTY. LIMITED

43 ALICE ST. NEWTOWN.

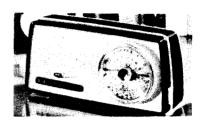
Phone: LA 0400

Series 'A' Radio Handbook

DESCRIPTION. Six Transistor Battery portable receiver for Broadcast Band reception. A socket for a hearing-aid type earpiece (Goldring MR13 or equivalent) or extension loudspeaker, is fitted. The reversible dial scale caters for all Australian States.

REVERSIBLE DIAL SCALE. N.S.W. and QLD. are on one side of the dial scale and W.A., VIC., S.A., and TAS., are on the reverse side. To reverse Dial Scale.

41-23 Transistor Battery Portable



- 1. Remove knurled screw in centre of dial cover and lift off dial cover.
- 2. Release dial scale from securing tabs.
- 3. Reverse scale and re-insert, ensuring that the scale is correctly aligned. When in the correct position, the notch in the edge of the dial scale will engage in the raised locating pip near the 7 o'clock position.
- 4. Replace dial cover and tighten knurled screw, making sure that when the dial cover is in the fully clockwise position, the pointer line is on pointer-set (P.S.) mark. Check calibration on a local station.

NET WEIGHT. 2 lbs. plus battery.

BATTERY. Eveready type 2362 (9V) or equivalent.

CHASSIS REMOVAL INSTRUCTIONS. Switch receiver OFF, close Tuning Gang by turning dial to P.S. mark and remove cabinet back. Disconnect battery and remove three screws marked 'A' and nut marked 'B' on the printed board layout diagram. Release board from slots in bracket on speaker end of receiver. Lift board from cabinet to the limit of the leads.

TUNING RANGE. 535 to 1650 Kc/s.

ALIGNMENT PROCEDURE. Conventional. I.F. Frequency 455 Kc/s.

BATTERY CONSUMPTION.

Min. Volume (no signal) 10 mA. Max. Volume 60 mA.

TRANSISTOR COMPLEMENT.

TR1 OC170 Mixer-Oscillator
TR2 OC169 1st. I.F. Amplifier.
TR3 OC169 2nd. I.F. Amplifier
TR4 OC75 Audio Amplifier
TR5)
TR6)

GERMANIUM DIODES

D1 OA80 A.G.C. Limiter

v.a.........

REPLACEMENT PARTS

id en tity	Part No.
Tuning knob	20-2014
Volume OFF/ON Knob	20-2015
Dial Scale Assembly	90-2039
Kriesler VK Badge	36-0557

TR4 OC75

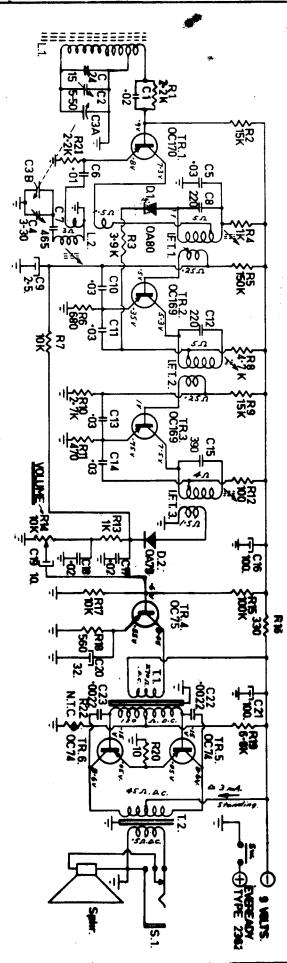
OC

D2 .OA79 Detector / A.G.C.

Identity	Part No.
Tuning knob ret. screw	36-2020
Cabinet Back ret. screw	36-2030
Chassis ret. screws	3/8" No.4 S.T.
Cabinet Front assembly	90-2038
Cabinet Rear assembly	90-2041

IMPORTANT:

The speaker used in this receiver is fitted with a 1/16" thick cardboard pad ring. Since this dimension is critical, please specify thickness in your order if a replacement speaker is required.



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STATE STAT		. .	23 .0022 4					R17 10K
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CENCELLE CON LAG. NO.	500V Mica SS ± 24%	500V Wi			± 10%			R1 2.
		DESCRIPTION		Part No.	10N	OESCRIP!		8

22222

200V Styroseal ± 10% 33YW N6000 CPT, Y

Loudspeaker. 3C 3.7 ohm V.C.

med 2 sample met be schoolled to Deving Office for approved.

SCALE

R22 N.T.C. 8/8 32001A/30E

. L22 JF. 33 WW K2006 CPT, W 5-50pf. Mica trimmer. 3-3GpF. Wire trimmer Tuning Gang. 2 gang. WSP21215

Ducon Philips

2nd. I.F. Transformer 1st. I.F. Transformer

14-2045 14-2152 24-2153 24-2154 24-2155 18-2156 18-2157

Driver transformer 2:1+1 3rd. I.F. Transformer

Output transformer 550/3-5

IF 7.1

Oscillator coil

Aerial coil assembly

R21 2.2K RZU 10 ohm R19 6.8K R18 5E0 ohm R17 10K R16 330 onm R15 100K R14 10K Potentions

8. T. S. + 26%

Voitages shewn are measured in respect to Battery positive with a 200000 ohms/voit meier.

An earphose with an impedance between 3 and 10 ohms or extension loudspeaker with a 2 to 4 ohm voice coil may be connected to S.1 via a suitable jack.

LIGNMENT PROCEDURE

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	Work to Dimensions only. Unless otherwise specified, Tolerances to be read as:— + on Fractions. + on Decimals.				OTY. PROJECT				ock" the ti			s with the	MB e f .	Repeat until calleration is correct at both ands at scale and intermediate points.	Paak oscillatur trimmer.		Set dias pointer to "Pointer-set" (P.S.) mark at 3 o'clock on dial scale.	Repeat until no further gain is obtainable.	ω	2	ω		
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	Unless otherwise e read es:— on Decimos				OTY. PROJECT	DATE S'GN'			gang wher			nearest		paints.			(P. S.	obtaina					
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