

KRIESLER AUSTRALASIA PTY. LIMITED

K12.

Description

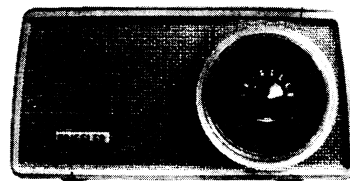
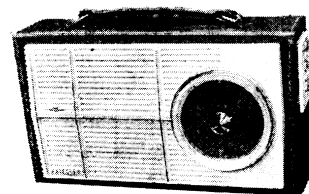
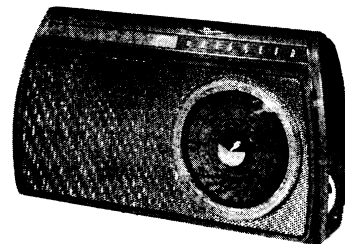
All three models incorporate the six transistor 89-13 printed wiring board.

MODEL 41-37 is a portable receiver housed in a vinyl-covered cabinet, and is supplied with a carrying case which is fitted with a shoulder strap. A socket is provided for the connection of an earphone or extension speaker (15 ohms impedance).

MODEL 41-40 is a portable receiver housed in a vinyl-covered cabinet fitted with a carrying handle. Sockets are provided for the connection of an earphone (or an extension speaker 15 ohms) and a car radio aerial such as the Kriesler "Tough Rider Whip Aerial" Model 90-4866 which is already fitted with the correct plug. Extension aerial and earth terminals are provided on the rear of the cabinet.

MODEL 41-41 is a compact cordless mantel radio housed in a moulded plastic cabinet. This model may be used as a fully portable receiver if so desired.

Six Transistor Broadcast Receivers



Dial Scales

All three models employ similar dial scales, which may be reversed to show stations in VIC, W.A., S.A., and TAS. Receivers are supplied ex factory showing N.S.W. and QLD stations. To reverse the scale, pull off the tuning knob, whilst twisting it past its normal end of travel to facilitate the removal. Remove the clip in the centre of the dial scale. Reverse the scale, engaging the notch in the top with the pip on the cabinet. Replace the centre clip and tuning knob. Adjust knob calibration.

Battery Types

41-37 : Eveready 2362 (9V) or equivalent.
 41-40 : Eveready 2761 (9V) or equivalent.
 41-41 : Eveready 2362 (9V) or equivalent.

Battery Access

41-37 and 41-41 : Remove screw in cabinet back and lift off.
 41-40 : Loosen extension aerial and earth screws and raise rear flap.

Chassis Servicing

Remove the two screws holding the gang end of the chassis. Disconnect those leads necessary to enable the board to be raised as far as required.

Tuning Range

525 to 1635 Kc/s.

Intermediate Frequency 455 Kc/s.

Weights

41-37 : 1 lb. 13 oz.
 including battery in all cases.

41-40 : 3 lbs. 13½ oz.

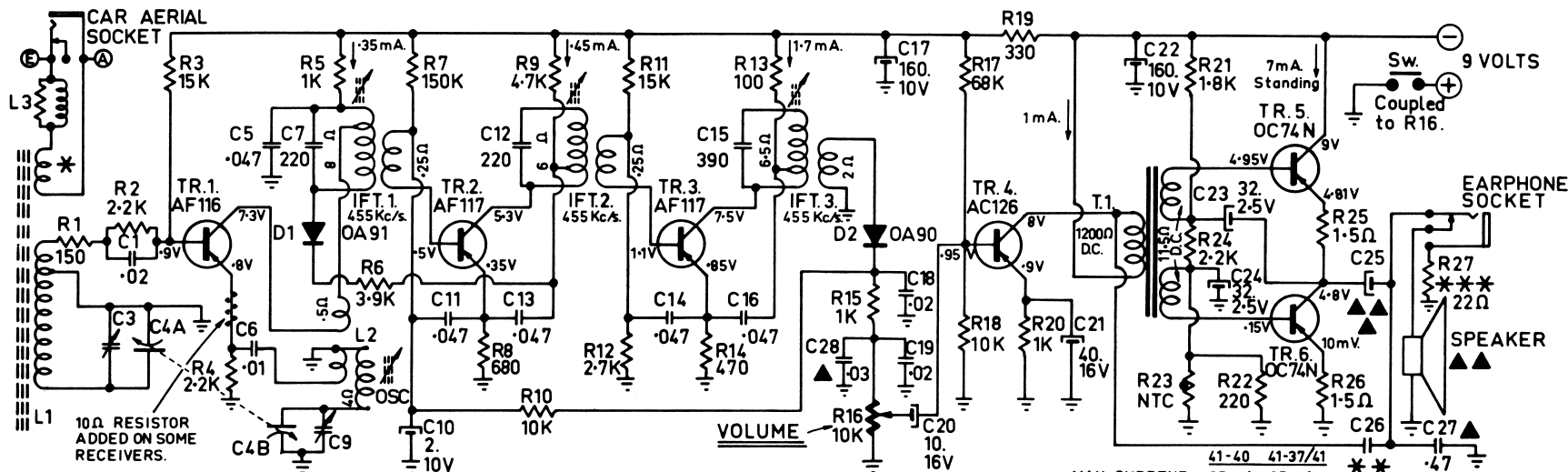
41-41 : 1 lb. 14½ oz.

Dimensions

	Height.	Width.	Depth.
41-37	5"	9"	2-1/4"
41-40	5-3/4"	10"	3-5/8"
41-41	4-1/4"	8-1/4"	3"

Replacement Parts

Tuning knob	90-4988.
Dial scale	69-4970.
Dial scale clip	20-4959.



* MODEL 41-40 ONLY.
 ** NO FEEDBACK IN 41-37 & 41-41.
 *** 33Ω IN 41-37. NOT USED IN 41-41.

▲ NOT USED ON MODEL 41-40.
 ▲▲ 41-37: 5x3" 47Ω V.C. 41-40: 4" 27Ω V.C. 41-41: 3" 47Ω V.C.
 ▲▲▲ 160 uF ON 41-37 & 41-41. 200 uF ON 41-40.

MAX. CURRENT - 65 mA. 35 mA.
 MIN. CURRENT - 13 mA. 13 mA.

NOTES
 VOLTAGES SHOWN ARE MEASURED RELATIVE TO BATTERY POSITIVE WITH A 20000Ω/VOLT D.C. METER.

ELECTRICAL PARTS LIST

89-13 CHASSIS.

No.	41-37	41-40	41-41
L 1	14-3898	14-3898	14-5455
L 2	14-4660	14-4660	14-4660
L 3	nil	34-2206	nil
IFT 1	24-2153	24-2153	24-2153
IFT 2	24-2154	24-2154	24-2154
IFT 3	24-2155	24-2155	24-2155
T 1	18-4671	18-4671	18-4671
Vol. control	32-4981	32-4981	32-2034
Phone jack	733-1-12	733-1-12	733-1-12 Carr Fastener.
Aerial jack	nil	90-4863	nil

Thermistor	Ducon 130 ohm Type AT/130	or	Philips 130 ohm Type 32001A/130E.
TR 1	Philips AF116N or OC170.	TR 4	Philips AC127 or OC75.
TR 2	" AF117N or OC169.	TR 5	" OC74N or OC74.
TR 3	" AF117N or OC169.	TR 6	" OC74N or OC74.
D 1	Philips OA91.	D 2	Philips OA90.

Alignment Procedure

STEP	SIGNAL GEN. FREQUENCY	CONNECT SIGNAL GENERATOR TO -	WITH TUNING GANG -	PROCEED AS FOLLOWS.	
I. F.	1.	455 Kc/s.	Base of TR 1	Closed	Peak core IFT 3.
	2.	" "	" "	"	Peak core IFT 2.
	3.	" "	" "	"	Peak core IFT 1.
	4.	" "	Radiate into Aerial	"	Peak core IFT 1.
	5.	_____	_____	_____	Repeat until no further gain is obtainable.
R. F.	6.	_____	_____	Closed	Set dial pointer to P.S. (Pointer Set) mark at 3 o'clock on the dial.
	7.	550 Kc/s.	Radiate into Aerial	at 550 Kc/s.	Tune-in oscillator core.
	8.	1.5 Mc/s.	Radiate into Aerial	at 1.5 Mc/s.	Tune-in oscillator trimmer on gang.
	9.	_____	_____	_____	Repeat until calibration is correct at both ends of scale and at intermediate points.
AERIAL	10.	550 Kc/s.	Radiate into Aerial	at 550 Kc/s.	Peak aerial coil by sliding coil along loopstick. See Note.
	11.	1.5 Mc/s.	Radiate into Aerial	at 1.5 Mc/s.	Peak aerial trimmer.
	12.	_____	_____	_____	Repeat until no further gain is obtainable.

NOTE: In Model 41-41, the aerial coil is pre-aligned and should not require further attention.

SIX TRANSISTOR B/C RECEIVER	MODELS		DRAWN	17-10-63.
	41-37. 41-40. 41-41.	CHECKED	<i>[Signature]</i>	17-10-63.
		APPROVED	<i>[Signature]</i>	17-10-63.