KRIESLER
AUSTRALASIA PTY. LIMITED

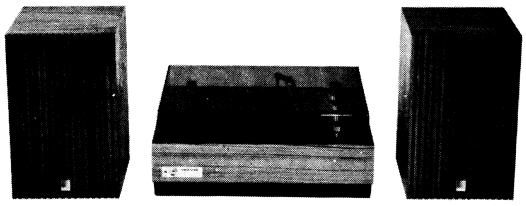
TECHNICAL ADVISORY SERVICE
SERVICE SHEET NO. 129

BOX 107 P.O. CARINGBAH N.S.W. 524-0444

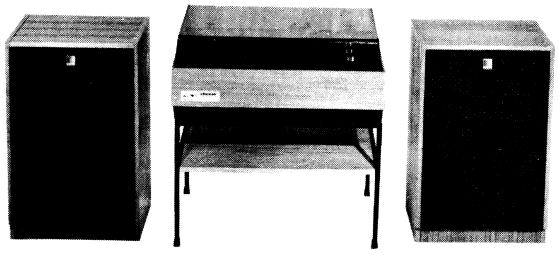
PLEASE CIRCULATE TO YOUR SERVICE DEPARTMENT

STEREOGRAM MODELS 11-132 and 11-135

March, 1970



MODEL 11-132



MODEL 11-135

DESCRIPTION:

Both models are 14-transistor, 2-diode stereophonic record players housed in veneered timber cabinets. The main unit (Command Module) houses the amplifier chassis, power acrylic cover. The loudspeakers are housed in two separate enclosures (Satellite Modules). The power supply includes a 2-transistor voltage regulator (except some early production 11-132 models) which affords greater protection to the transistors and permits a 35% (approx.) increase in r.m.s. output power.

POWER OUTPUT: 10 W r.m.s. at 10% T.H.D. with both channels driven simultaneously.

FUSES:

High Tension: 2 A Type 3AG (in holder).
Dial Lamps: 0.012" diameter tinned copper wire.

MAINS SUPPLY: 240 V, 50 Hz. Power transformer tapped for operation on 260 V 50 Hz mains supply.

The chassis is suitable for operation on a mains frequency of 40, 50 or 60 Hz, but the record changer motor must be changed for operation on other than 50 Hz.

RANGE OF TONE CONTROLS:

TREBLE: + 10 dB to - 10 dB at 10 kHz.
BASS: + 12 dB to - 15 dB at 50 Hz.

NOTE: The volume control is provided with a loudness compensating network; the above figures were taken with this control at mid-position.

RECORD CHANGER	CARTRIDGE	STYLUS
11-132: BSR MA65	TETRAD 2	C2D DIAMOND
11-135: BSR MA70	TETRAD 2	C2D DIAMOND

NOTE: Some early production 11-132 models were fitted National EPC35TTAD cartridges and EPS13TTSD styli.

LOUDSPEAKERS:

11-132: 6" Magnavox 6P1X 8 Ω
11-135: 8" Rola C8MX/20 8 Ω and
3" Rola 3DX00 8 Ω

CAUTION: Switch off before connecting or disconnecting speakers. An accidental short-circuit on the speaker jacks may damage the output transistors. The amplifiers are designed to operate into an 8 Ω impedance load. If additional speakers are used, the total load match per channel must not be less than 6 Ω.

DIMENSIONS & WEIGHT

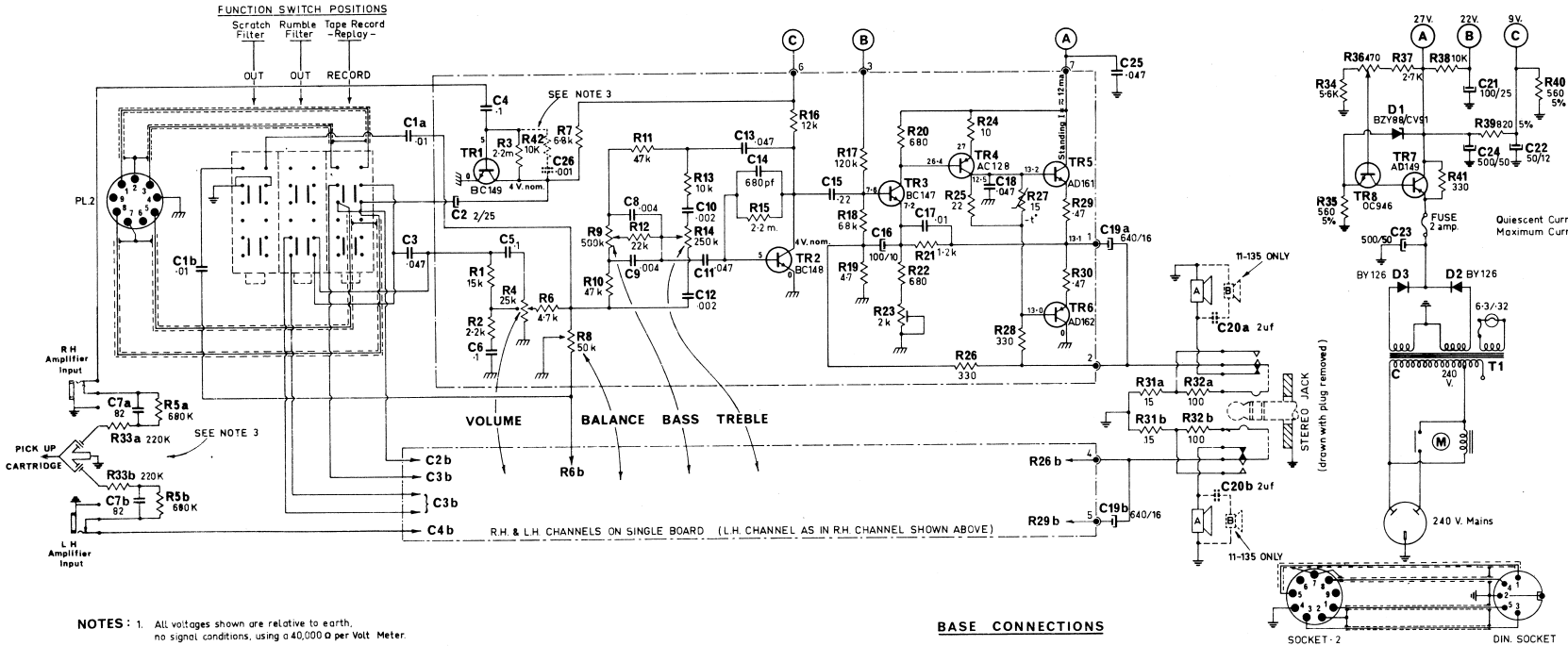
Unit	Height	Width	Depth	Weight (packed)
Command Module	8½"	20¾"	13.7/8"	30 lb.
Satellite Module (11-132)	16"	10"	8.3/8"	23 lb. (2 units)
Satellite Module (11-135)	20½"	13"	9.3/8"	28 lb. (2 units)
Stand	12.5/8"	20¾"	13.7/8"	------

MODEL 11-132

Issue 2:- 1-1-70
" 3:- 1-3-70

MODEL 11-135

Issue 1:- 1-1-70
" 2:- 1-3-70

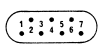


NOTES: 1. All voltages shown are relative to earth, no signal conditions, using a 40,000 Ω per Volt Meter.

2. A wired fuse is connected in series with filament winding of T1 (·012" tinned copper wire)

3. C7a+b, R5a+b, R33a+b, – Model 11-135 only. C26, R42, – Model 11-132 only.

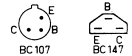
BASE CONNECTIONS



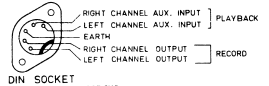
SOCKET 1
CONNECTIONS MARKED

AD 161
AD 162
AD 149

AC 128
AC 187
AC 188
OC 946

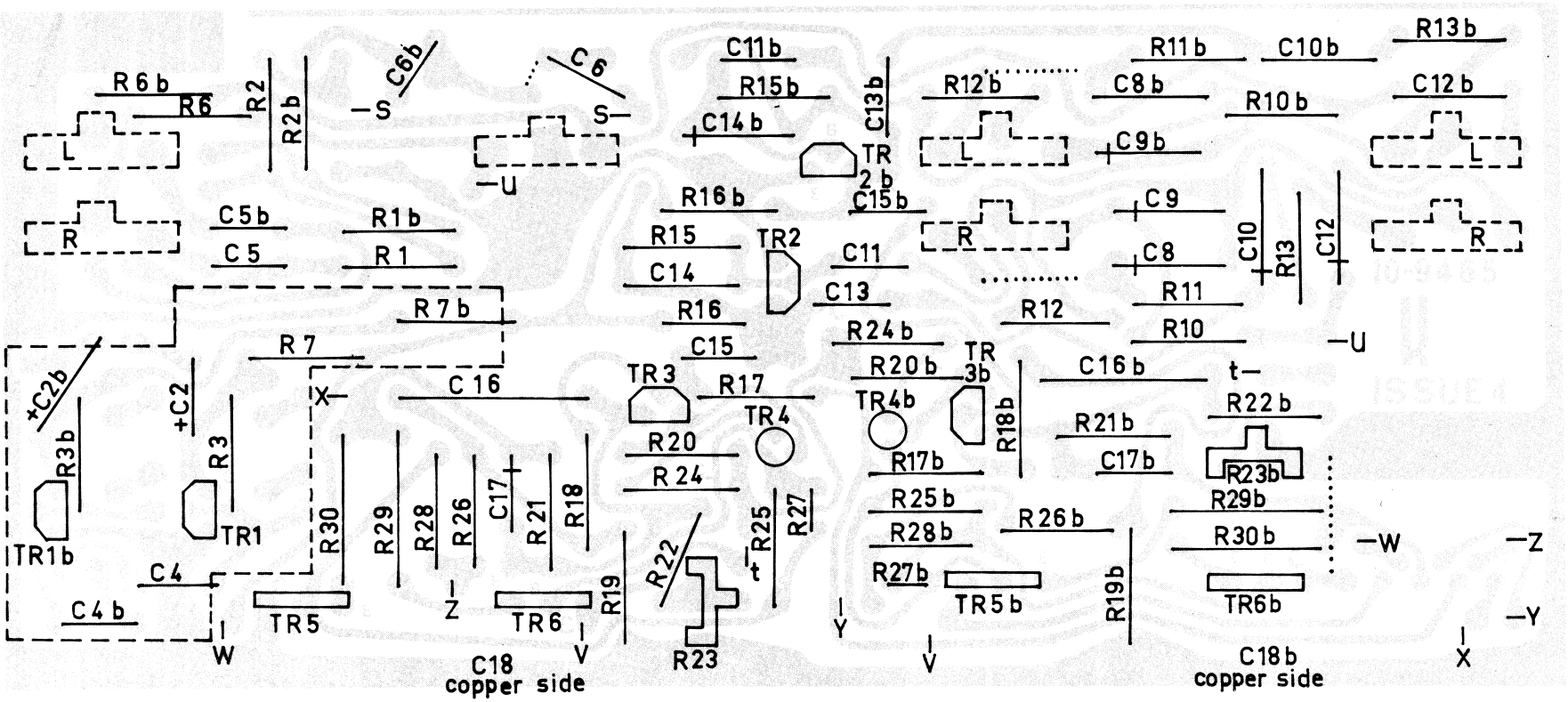


BC107
BC108
BC109
OR
BC147
BC148
BC149



DIN SOCKET
TAPE RECORDER CONNECTIONS

SOCKET 2 (VIEWED FROM WIRING SIDE) DIN. SOCKET



No.	DESCRIPTION			
CAPACITORS				
All values in microfarads unless specified otherwise.				
C1	0.01	20%	25VW	Red Cap Ceramic
C2	2	-10 + 50%	25VW	Electro
C3	0.047	20%	25VW	Red Cap Ceramic
C4	0.1	20%	250V	Met. Polyester
C5	0.1	20%	250V	Met. Polyester
C6	0.1	20%	250V	Met. Polyester
C7*	82p	5%	500V	Tub. Ceramic
C8	0.004	20%	200V	Met. Paper
C9	0.004	20%	200V	Met. Paper
C10	0.002	20%	400V	Met. Paper
C11	0.047	20%	250V	Met. Polyester
C12	0.002	20%	400V	Met. Paper
C13	0.047	20%	250V	Met. Polyester
C14	680p	20%	100V	Styroseal DFB
C15	0.22	20%	50V	Lacquer Film PML
C16	100	-10 + 50%	10VW	Electro
C17	0.01	20%	250V	Met. Polyester
C18	0.047	20%	25V	Red Cap Ceramic
C19	640	-10 + 50%	16VW	Electro
C20	2	20%	200V	Met. Paper W48 (11-135 only)
C21	10	-10 + 50%	50VW	Electro
C22	50	-10 + 50%	12VW	Electro

No.	DESCRIPTION			
C23	2000	-10 + 50%	35VW	Electro
C24	10	-10 + 50%	50VW	Electro
C25	0.047	10%	100V	Polyester
C26	0.001	20%	400V	Met. Paper (11-132 only)
RESISTORS				
All resistors are 10% ½W carbon except:-				
R4	Volume Control		32-10213	
R8	Balance Control		32-10214	
R9	Bass Control		32-10215	
R14	Treble Control		32-10216	
R23	Preset I.R.H. P6			
R27	15ohm 20% Thermistor, Philips E215 AB/P15E			
R29	10%	½W	BW½	wire-wound
R30	10%	½W	BW½	wire-wound
R31	10%	5W	PW5	wire-wound
R35	5%	1W		carbon
R36	Preset I.R.H. P4 or Philips E097/AD470E			
R39	5%	½W		carbon
R40	5%	½W		carbon
MISCELLANEOUS				
T1	Power Transformer		18-10292	
S1	Function Switch		17-10769	
Knobs			90-9363	

* Not used in Model 11-132.

CHASSIS ACCESS:

1. Remove two screws from left side of control panel.

The amplifier unit may now be disengaged from the slot on the right side of the cabinet and removed for service.

POWER SUPPLY UNIT ACCESS: This is accessible upon removal of the record changer.

NOTE: Circuit diagrams are attached to the cabinets of these models. These diagrams are for technical guidance only and may differ in some respects from the actual circuit used.

AMPLIFIER BIAS PRESET ADJUSTMENT: The preset R23 enables the drive current of TR3 to be set at the correct level for maximum output and minimum distortion irrespective of the Beta spread in the transistors. Check adjustment of R23 if TR5 or TR6 have been replaced.

To adjust:

1. Inject 1 kHz signal at low level into the P.U. input of each channel in turn.
2. Connect a C.R.O. to the negative side of the speaker coupling capacitor C19.
3. Increase generator signal until clipping just becomes visible on the C.R.O.
4. Adjust R23 until the clipping is equal on both positive and negative half-cycles. Repeat for other channel.

CLEANING TINTED ACRYLIC COVER: Fingermarks and dust particles are best removed by wiping gently with a soft cloth moistened with methylated spirits. This process also removes any electrostatic charge on the acrylic, so preventing further attraction of dust particles for a time. For this reason, do not wipe completely dry.

RECORD CHANGER REMOVAL:

1. Remove two screws from left side of control panel.
2. Remove four screws from motor board.

The changer may now be lifted out of the cabinet. For complete removal, disconnect the various leads.

TRANSPORT PRECAUTIONS: Before transporting the unit, the record changer transit screws must be tightened and the pick-up arm clipped to its rest to prevent damage. On installation, the transit screws must be loosened and the pick-up arm unclipped before operating the changer.

CARE OF CABINET: Polish with any reputable make of furniture polish. If alcoholic spirits are accidentally spilled on woodwork, the effect cannot be removed unless wiped off immediately. Beer, soft drinks or milk beverages may be removed by wiping with a soft absorbent cloth. Polish if necessary, the anodised aluminium surfaces are reasonably impervious to fingermarks, most household foodstuffs, soft drinks and alcohol, but they should be wiped off without delay. Milk, lemon juice, some household cleansers and some bleaches produce a stain which, though usually discernible at certain viewing angles only, is indelible. Rubbing with steel wool will produce a prominent mark; therefore, VERY LIGHT rubbing should only be resorted to if the mark so produced is less disfiguring than the original stain. A soft cloth moistened with water, to which a few drops of detergent have been added, will remove substances which do not stain. After cleaning, the surface should be dried with a soft cloth.

NOTES