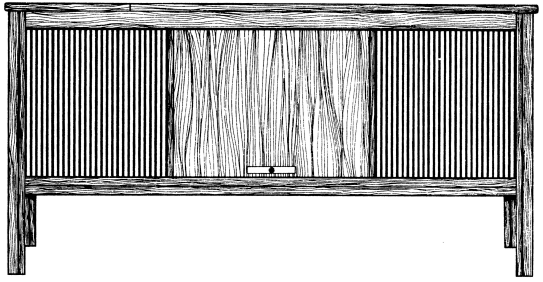
STEREOGRAM MODEL 11-129



DESCRIPTION

This model is a single-unit stereophonic radiogram in the range identified commercially as the "World Series". The main preamplifier and amplifier circuit is located on a single printed wiring board (approx. 8" x 4") with the power transistors mounted on a metal bracket which also provides heat sinking. The radio tuner is located on a small separate printed wiring board mounted on the main chassis. For model details, see below.

MODEL DETAILS

Transistors:	15
Diodes:	5
Record Changer:	BSR MA70 or GARRARD SL55
Cartridge:	BSR Type C1 or GARRARD KS40A
Stylus:	ST4 or KS40AD/S
Speakers:	(2 x 8" 8TAX8 8 ohms M.S.P.
	(2 x 3" 3LC8HF 8 ohms M.S.P.
Width:	51"
Depth:	17½"
Height:	27" (with 8" legs)
Packed Weight:	145 lb.

ALIGNMENT PROCEDURE

STEP	SIGNAL GEN. FREQUENCY	CONNECT SIGNAL GENERATOR TO –	WITH TUNING GANG –	PROCEED AS FOLLOWS
1	455 KHz	Base of TR 1	Closed	Peak core of IFT 3
2	455 KHz	via 0.22 μF.	Closed	Peak core of IFT 2
3	455 KHz		Closed	Peak core of IFT 1
4	–		–	Repeat until no further gain is obtainable
5	455 KHz	Radiate into Aerial	Closed	Check alignment of IFT 1
6	525 KHz	Radiate into Aerial	Closed	Adjust oscillator coil until signal is heard
7	1635 KHz	Radiate into Aerial	Open	Tune oscillator trimmer until signal is heard
8	600 KHz	Radiate into Aerial	at 600 KHz	Peak aerial coil
9	1500 KHz	Radiate into Aerial	at 1500 KHz	Peak aerial trimmer
10	Repeat 8 and 9 until no further gain is obtainable			

MAIN AMPLIFIER BIAS PRESET

The present R44 enables the drive current of TR8 to be set at the correct level for maximum amplifier output and minimum distortion – regardless of the spread in Beta of the transistors. Check adjustment of R44 if TR7 or TR8 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 C36.
3. Increase generator signal until clipping just becomes visible on the C.R.O.
4. Adjust R44 until the clipping is equal on both positive and negative half-cycles. Repeat for other channel.

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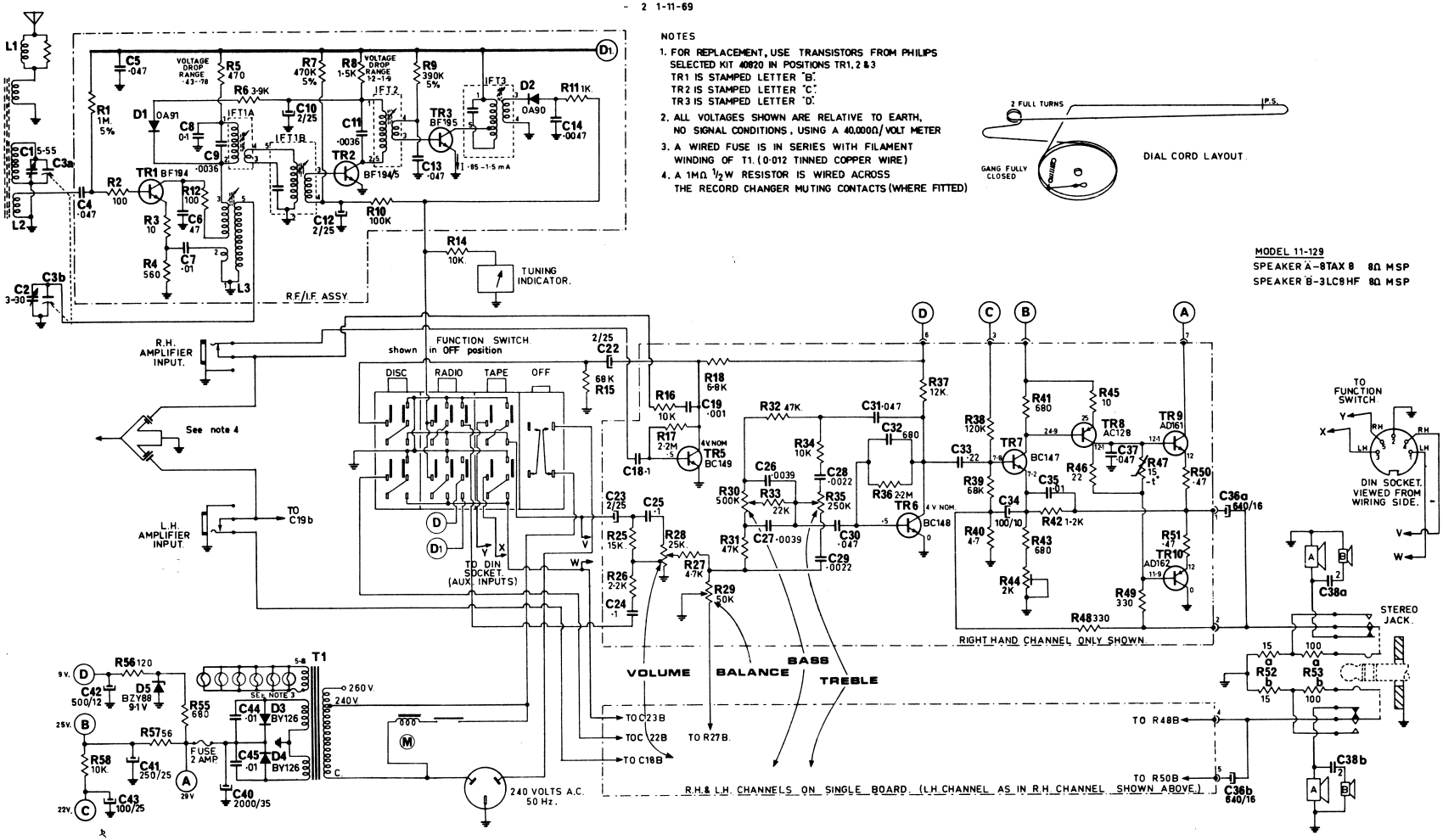
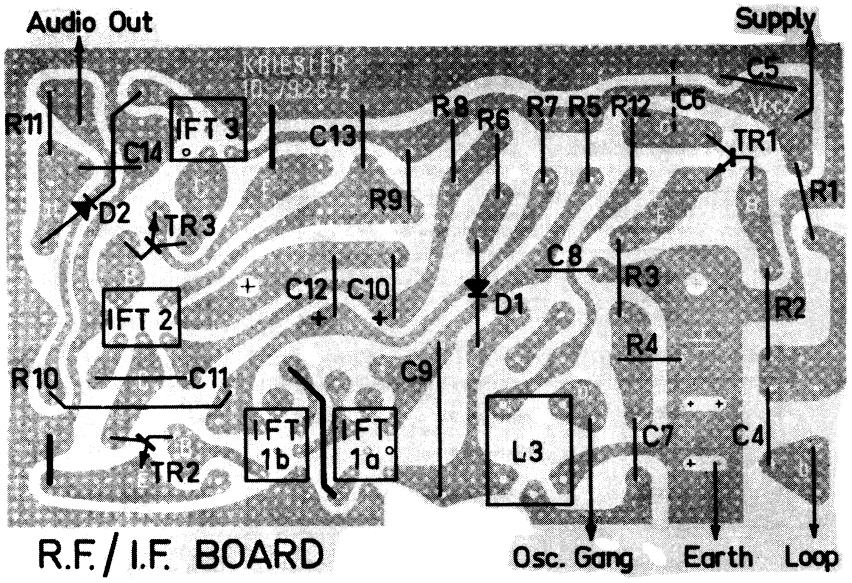
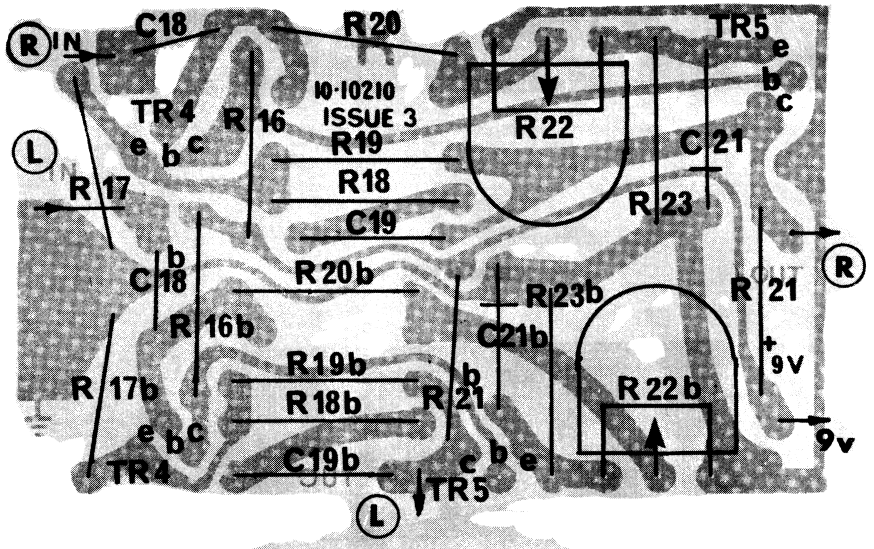


THIS CIRCUIT DIAGRAM IS PROVIDED FOR TECHNICAL GUIDANCE ONLY AND MAY DIFFER IN SOME DETAILS WITH THE APPARATUS TO WHICH IT IS ATTACHED.
FOR ADDITIONAL INFORMATION REFER TO THE CURRENT TECHNICAL SERVICE DOCUMENTATION OR CONTACT YOUR NEAREST KRIESLER SERVICE DEPARTMENT.

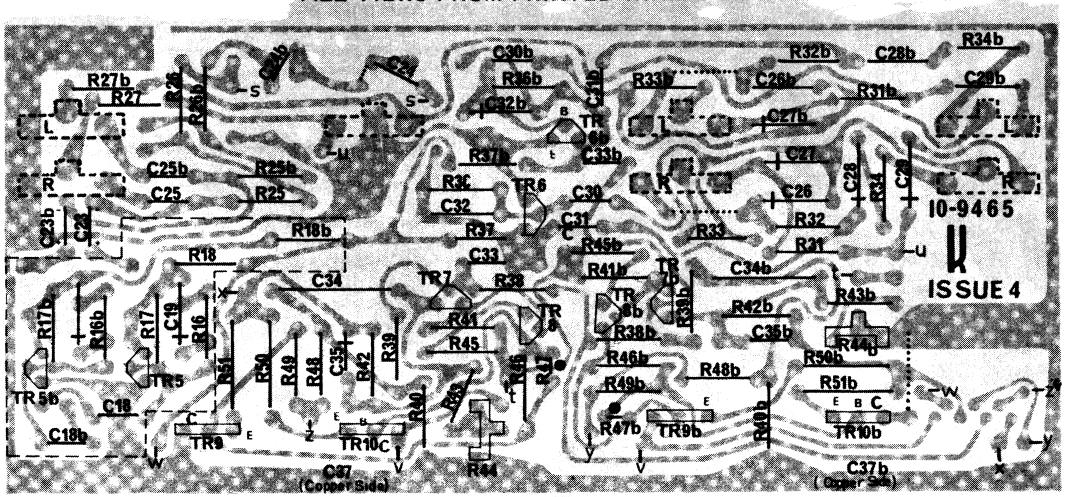


R.F./I.F. BOARD



MAGNETIC PREAMPLIFIER BOARD

ALL VIEWS FROM PRINTED WIRING SIDE



MAIN AMPLIFIER BOARD