

SYLVANIA

FACTORY PREPARED

TECHNICAL SERVICE DATA

STEREO HI-FI

SUPPLEMENT 3 TO
BULLETIN: R74-3

File with Bulletin: R74-3.

SERVICE PUBLICATIONS DEPARTMENT

entertainment Products Group

700 Ellicott Street - Batavia, N.Y.

Supplement lists all code changes to date on the R73-3,-4 chassis.

CODE	CHASSIS	PANEL CODE	DESCRIPTION OF CHANGE
00	R74-3,-4		Initial Production.
01	R74-3		POWER AMPLIFIER OSCILLATION PREVENTION - 33PF, N150 capacitors added from Base to Collector of Q606A,B,C,D on foil side of P/C panel.
01	R74-4		MULTIPLEX SEPARATION DEGRADES WITH TEMPERATURE CHANGE - Cores replaced in T4 and T6.
02	R74-3		CHASSIS IDENTIFICATION ONLY - To provide a means of identifying finished goods built with SQ chips with date codes 7331 and 7332.
02	R74-4	A	IMPROVED SPEAKER PROTECTION - CB602 replaced by 02-36800-1 relay panel. C629 and R640 removed. C632 value changed to 3.3PF. R639 value changed to 220K. R648 value changed to 10K.
02	R74-4	B	02-36800-1 PANEL REVISION : RELAY TRIPS WHEN TUNING ACROSS FM BAND - C1204 value changed to 100MFD/15V part number 41-32477-37. NOTE: All CODE A relay panels changed prior to CODE B are identified by a RED stripe through the identification sticker.
03	R74-3		TO COMPLY WITH I.H.F. AND INDUSTRY STANDARDS - BLUE/WHITE, RED/WHITE, BLUE and RED leads reversed on headphone jacks. The industry standard is for LEFT channel audio to the TIP of the headphone plug, and RIGHT channel audio to the RING of the plug.
03	R74-4		POWER AMP NOISE PICKED UP ON AM - C114 value changed to .05, 50V. C529 (.22, 150V) added on bottom of P/C panel from amplifier end of +32V buss to ground. C629 (10PF, NPO) added on bottom of panel between Base and Collector of Q606.

SUPPLEMENT 3 TO BULLETIN: R74-3

IMPORTANT: Always use genuine Sylvania replacement parts and tubes.

(Over)

CODE	CHASSIS	PANEL CODE	DESCRIPTION OF CHANGE
04	R74-3		<p>RF PICK-UP IN PHONO PREAMP - C304 removed. C346A (1000PF, Z5P) added between pins 2 and 3 of IC504. C346C (1000PF, Z5P) added between pins 5 and 6 of IC504.</p> <p>TO ELIMINATE POP WHEN SWITCHING FROM FM TO AM - C46, R302A,C removed. R326A,C changed to 100K. R63 (100K, 5%) added from wire hole L1 to ground. R65 (100K, 5%) added from wire hole R1 to ground. R149 (100K, 5%) added from square wire pin Z to ground. R301A (100K, 5%) added from + side of C301A to ground. R301C (100K, 5%) added from + side of C301C to ground.</p> <p>TO ELIMINATE POP WHEN SWITCHING FROM FM TO PHONO - C72, C74 changed to 1MFD/50V.</p> <p>TO FACILITATE BOARD ASSEMBLY - C108 (10MFD/15V Electrolytic) added from junction of R112, R114 to ground. Q604 changed to part number 13-29775-1.</p> <p>TO REDUCE SWITCH POP - C604 changed to 2MFD/50V. R314 changed to 47K, 5%. R607 changed to 5.6K, 5%. R620 changed to 470K, 5%. R634 changed to 3.3K, 5%.</p>