

THE USE OF RATIO DETECTOR TRANSFORMERS OF VARIOUS MANUFACTURE REQUIRES THE USE OF COMPONENTS AS LISTED BELOW.

TRANS. NO.	V4	C6	C8	C8B	R8	R9	R10	R11	R12
461	6AU6	NOT USED	470	NOT USED	5.2K	1K	1K	330	5.2K
6CB6	USED	470	USED	5.2K	1K	1K	330	5.2K	
X-18-870	6AU6	330	NOT USED	15K	330	330	100	15K	
6CB6	330	5	15K	330	330	100	15K		
574	6CB6	330	NOT USED	15K	NOT USED	NOT USED	NOT USED	15K	
6CB6	USED	USED	USED	USED	USED	USED	USED	15K	

WHEN RESISTORS ARE OMITTED MAKE CONNECTIONS DIRECT. WHEN CONDENSERS ARE OMITTED DO NOT CONNECT TIE POINTS.

V NO.	TUBE	TUBE FUNCTION
V1	6W6	AUDIO OUTPUT
V2	6SL7	AUDIO AMP. & SYNC. CLIPPER
V3	6AL5	RATIO DETECTOR
V4	6AU6 OR 6AG5	SOUND I.F. AMP.
V5	6CB6	FIRST VIDEO I.F. AMP.
V6	6CB6	SECOND VIDEO I.F. AMP.
V7	6CB6	THIRD VIDEO I.F. AMP.
V8	6AL5	VIDEO DETECTOR & D.C. RESTORER
V9	6CB6	VIDEO AMP.
V10	6SN7	SYNC. AMP. & VERT. OSC. INPUT
V11	6AL5	PHASE DETECTOR
V12	6SN7	HORIZONTAL OSC.
V13	6BQ6	HORIZONTAL OUTPUT
V14	6W6	VERTICAL OSC. OUTPUT
V15	1B3	H.V. RECTIFIER
V16	6W4	DAMPER
V17	17BP4, 200P4 OR 200P4	KINESCOPE
V18	6CB6	R.F. AMP.
V19	6CB6 OR 6AG5	OSC. & MIXER

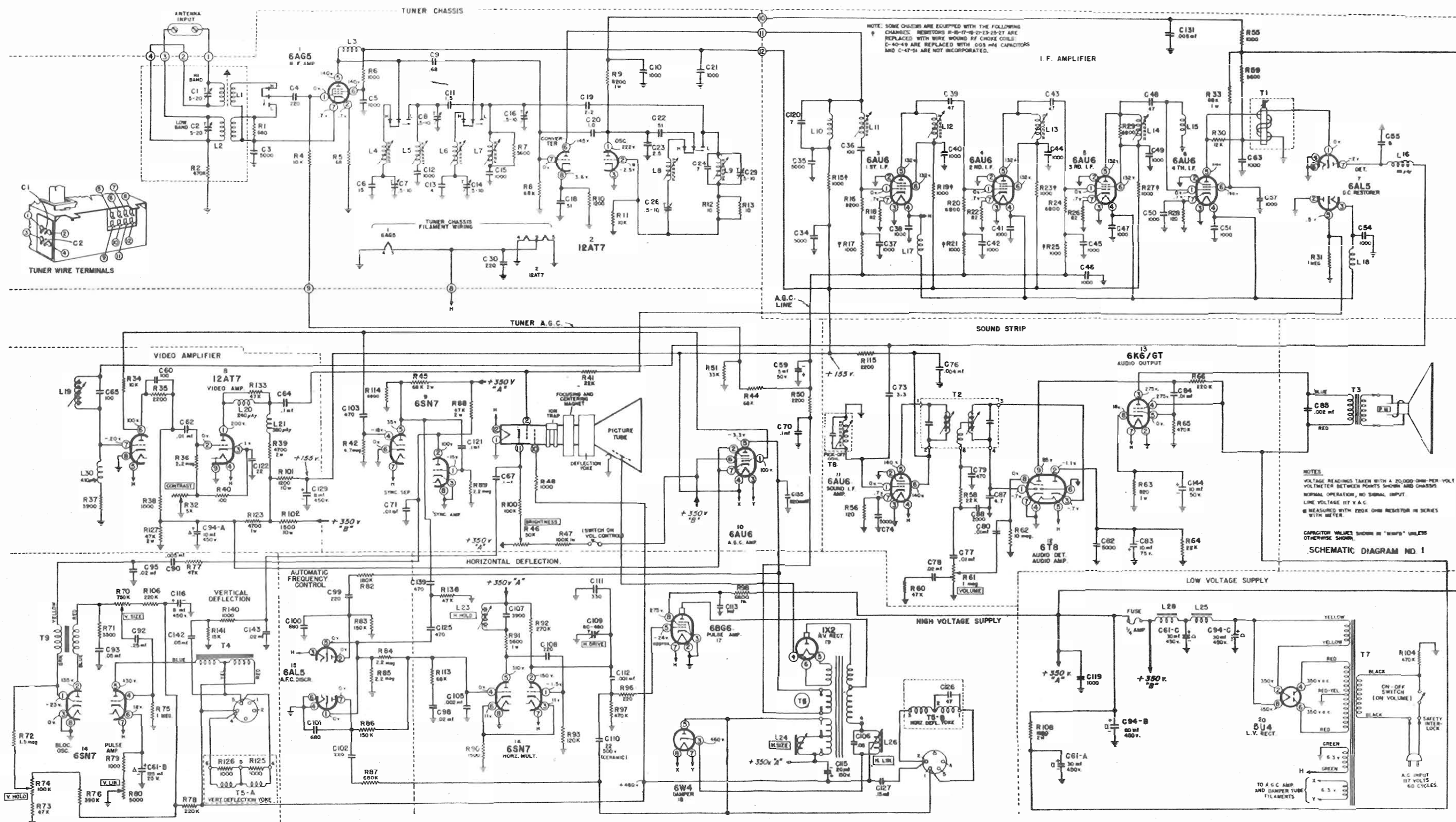
- NOTES
- ALL RESISTANCE VALUES ARE IN OHMS.
 - K = 1,000.
 - M = 1,000,000.
 - ALL RESISTORS ARE 1/2 WATT, 20% UNLESS OTHERWISE NOTED.
 - ALL CAPACITANCE VALUES LESS THAN ONE ARE IN MICROFARADS, GREATER THAN ONE IN MICROMICROFARADS UNLESS OTHERWISE NOTED.
 - ⊕ DENOTES CHASSIS GROUND.
 - I.F. SUB-CHASSIS AND TUNER ARE INSULATED FROM CHASSIS GROUND AND ARE AT B-POTENTIAL.
 - THESE VOLTAGES VARY WITH SIGNAL STRENGTH AS FOLLOWS:
UNDER THE CONDITION OF NO SIGNAL, L.F. B+ = 150V., TUNER B+ = 145V.
UNDER THE CONDITION OF STRONG SIGNAL, L.F. B+ = 180V., TUNER B+ = 175V.
 - WHEN LA IS CONNECTED AS SHOWN BY DOTTED LINE INCLUDE C3 AS SHOWN.
 - R88 IS USED IN SOME SETS.

The Cooperation of the Manufacturer of This Schematic Makes It Possible to Bring You This Service

STARRETT CHASSIS
17S1, 18S1

PRELIMINARY DATA
The data contained in this folder is published in advance of regular PHOTOFACT Coverage

SET 165 FOLDER 2 A
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NOTE: Resistor R63 should be 680 ohm, 1 watt, R64 should be 27K ohm, 1/2 watt, R108 should be 2700 ohm, 5 watt, and capacitor C76 should be .002 mf.

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RAYTHEON MODEL M-1626
(Ch. 16AY212)