



INSTRUCTION MANUAL

MARK VI-A-AR Special Effects Generator



B B R C
BALL BROTHERS RESEARCH CORPORATION
SUBSIDIARY OF BALL BROTHERS COMPANY INCORPORATED
BOULDER, COLORADO

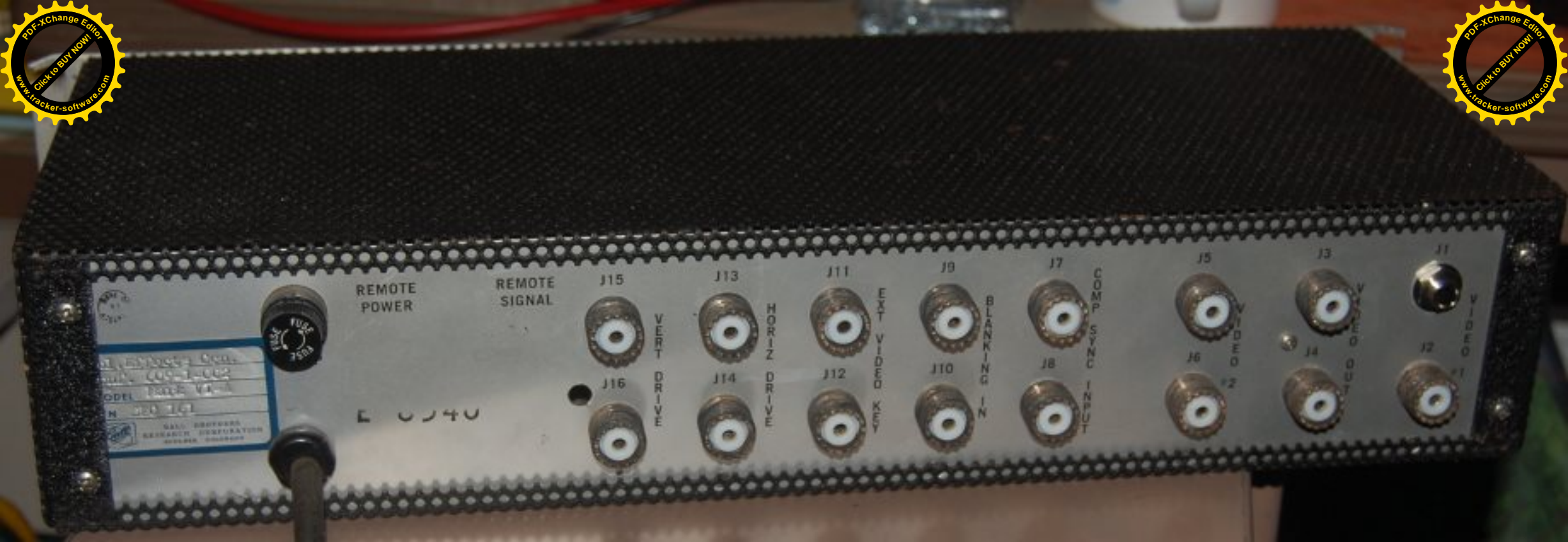
AV Tech Services

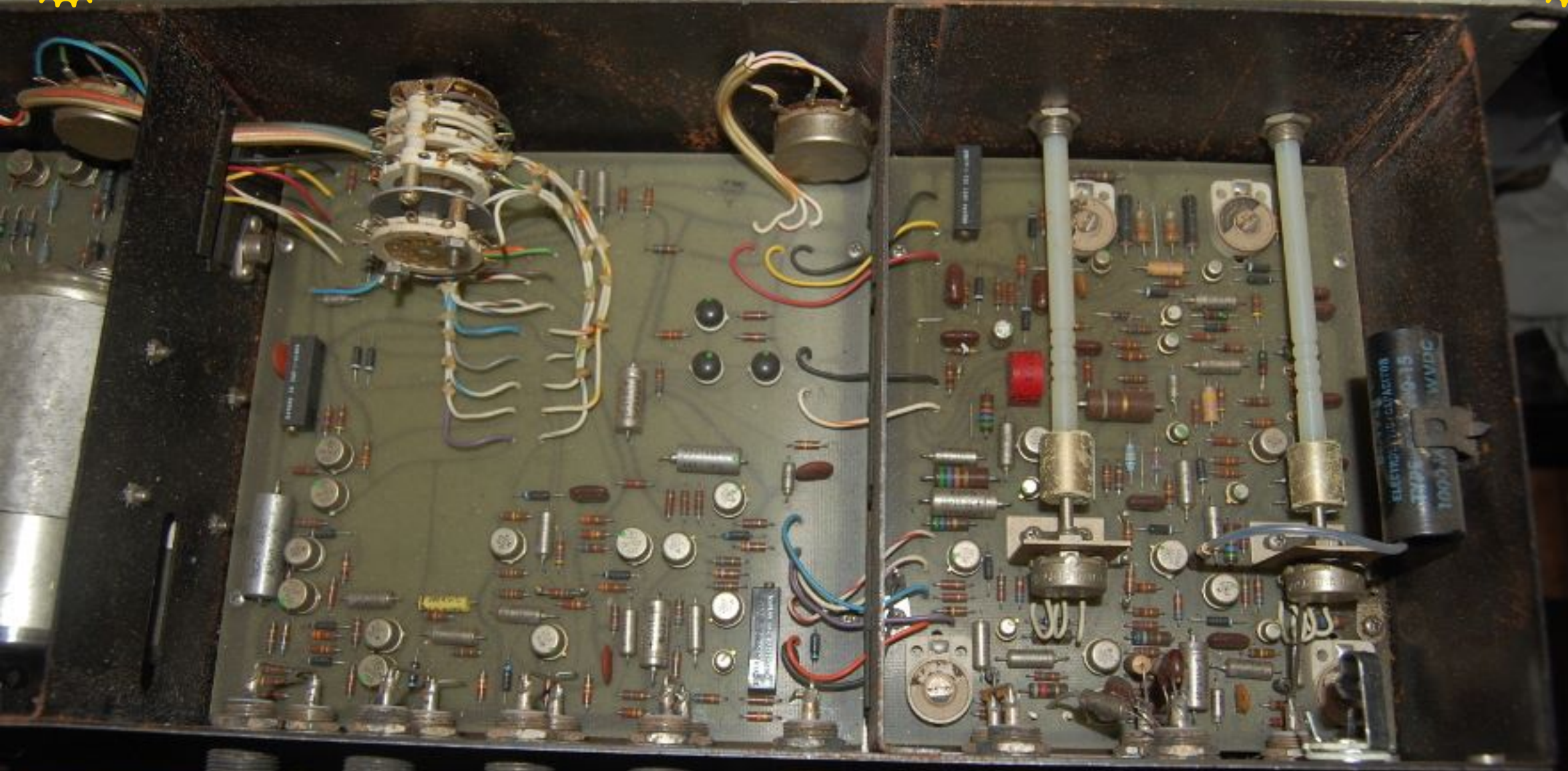


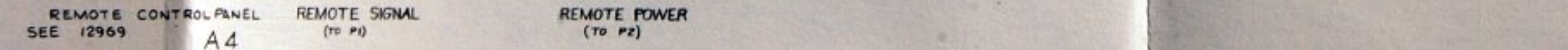
MARK VI - A
SPECIAL EFFECTS GENERATOR
BALL BROTHERS RESEARCH CORPORATION

E 8540





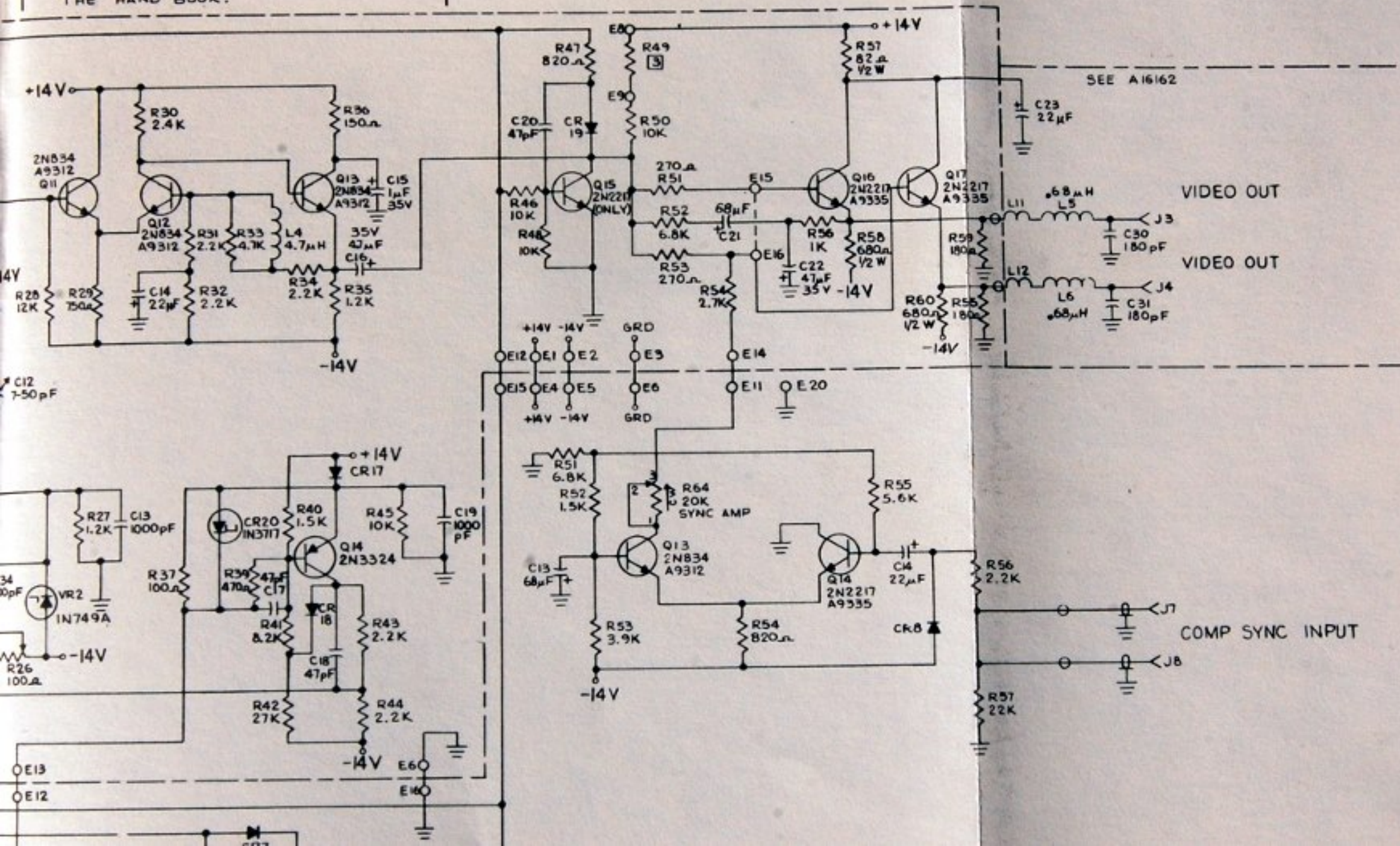


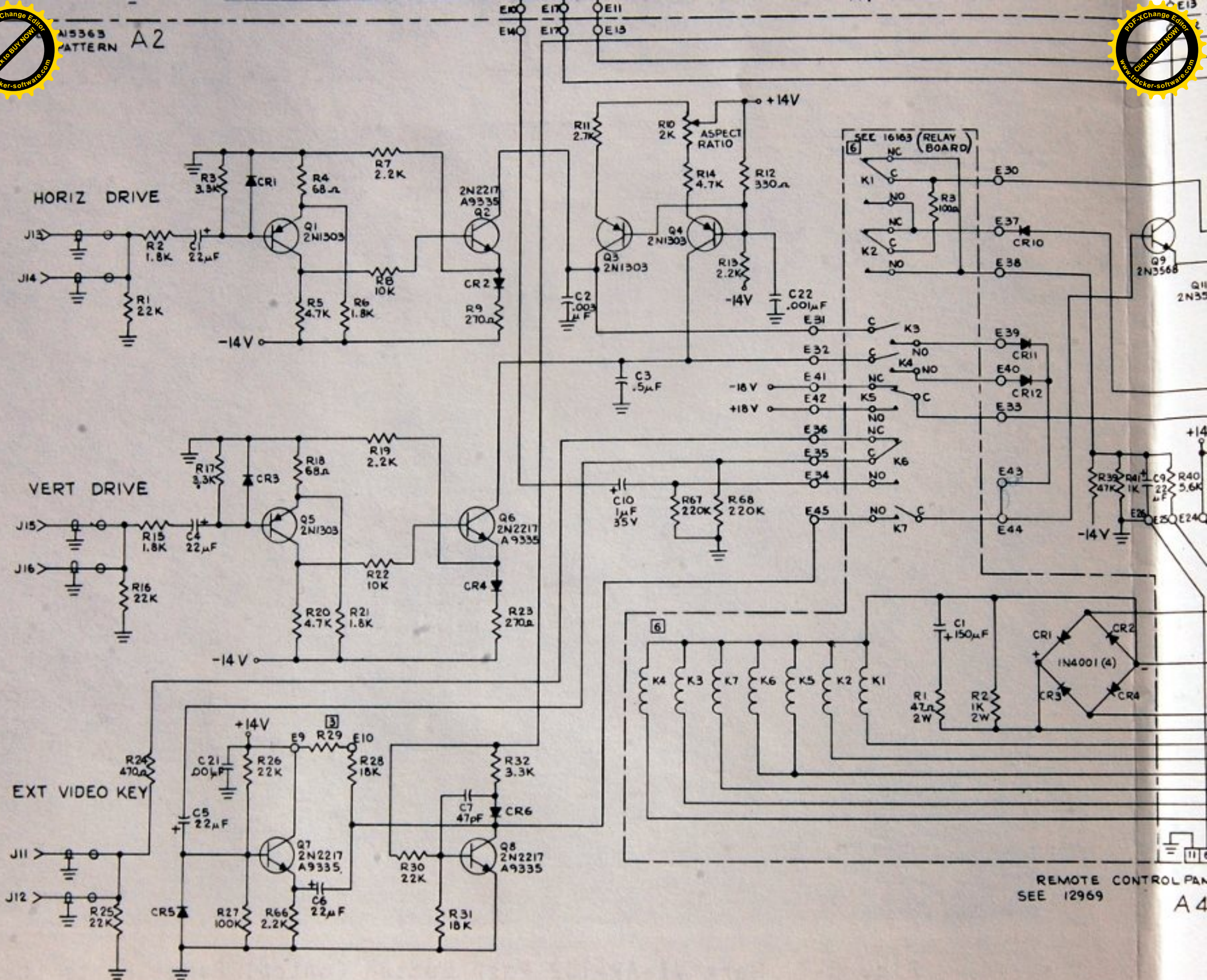


NO. 1. ALL BANDWIDTH OF EQUIPMENT IS 25mc
BROADCAST OPERATION A LOW PASS FILTER
IS RECOMMENDED AT J3 AND J4 TO LIMIT THE
BANDWIDTH. THIS FILTER CONSISTS OF L5
AND C30 MOUNTED AT J3 AND L6 AND C31
MOUNTED AT J4. REFER TO SECTION 3 OF
THE HAND BOOK.

GENERAL NOTES-UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS 1/4W, 5%.
2. ALL DIODES IN3605
3. RESISTORS TO BE SELECTED BY TEST.
4. ALL POLARIZED CAPACITORS 15VDC UNLESS NOTED OTHERWISE.





REMOTE CONTROL PAN
SEE 12969

A 4

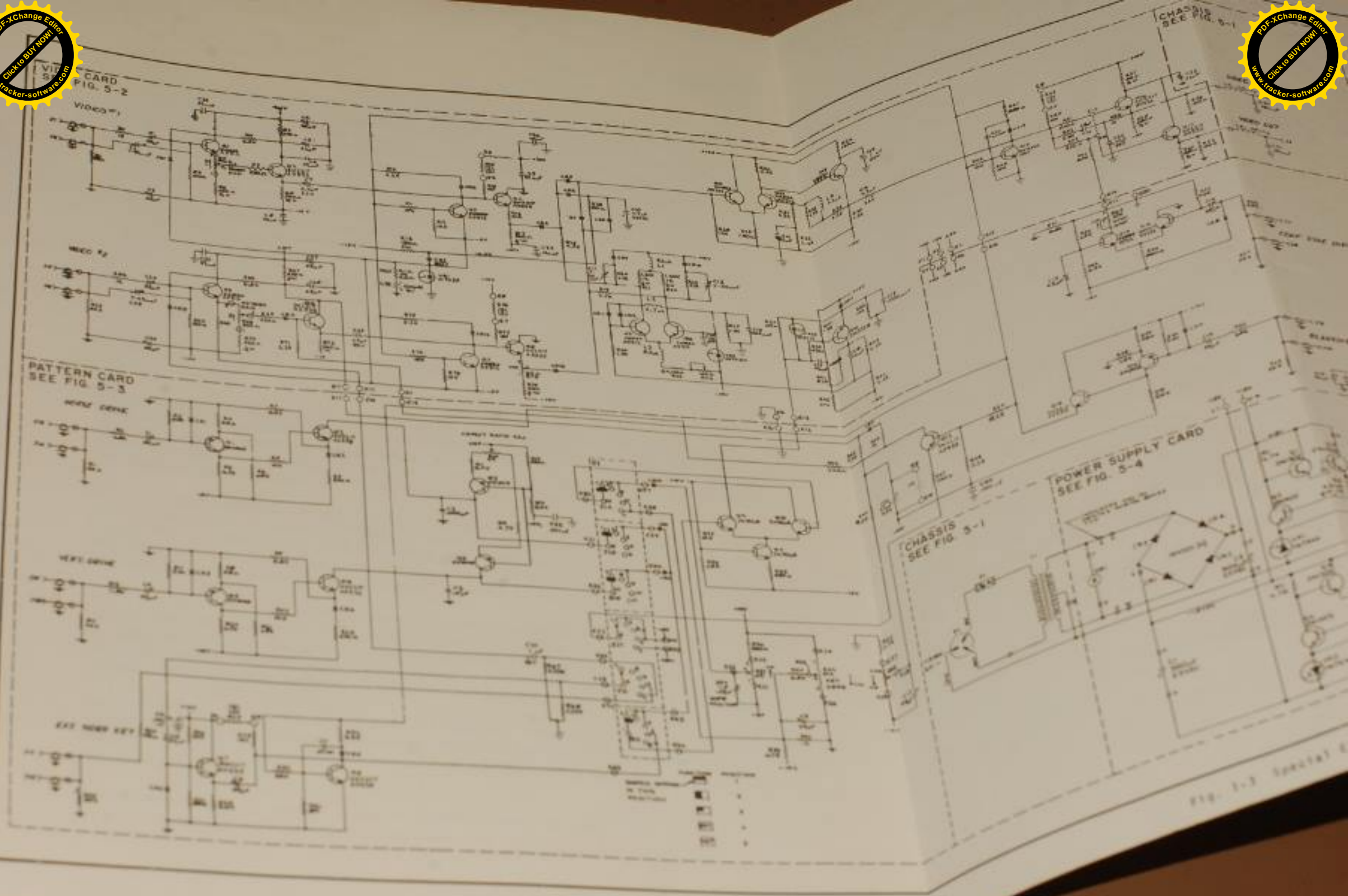


FIG. 5-3 (Continued)



INDICATED COMPONENTS MOUNTED ON TOP ASSY (16162)

11. MOTOROLA, DIXON, T.I. & TRW (PSI) ARE ALTERNATE VENDORS FOR IN746A THRU IN759A ZENER DIODES.

7. ALL RELAYS SHOWN IN DE-ENERGIZED POSITION

8. TRANSISTORS A9312 (BBRC) AND 2N834 (MOT) ARE EQUIVALENT.

9. TRANSISTORS A9335 (BBRC) AND 2N2217 (MOT) ARE EQUIVALENT EXCEPT Q5 ON VIDEO BOARD WHERE ONLY A2N2217 CAN BE USED.

FUNCTION

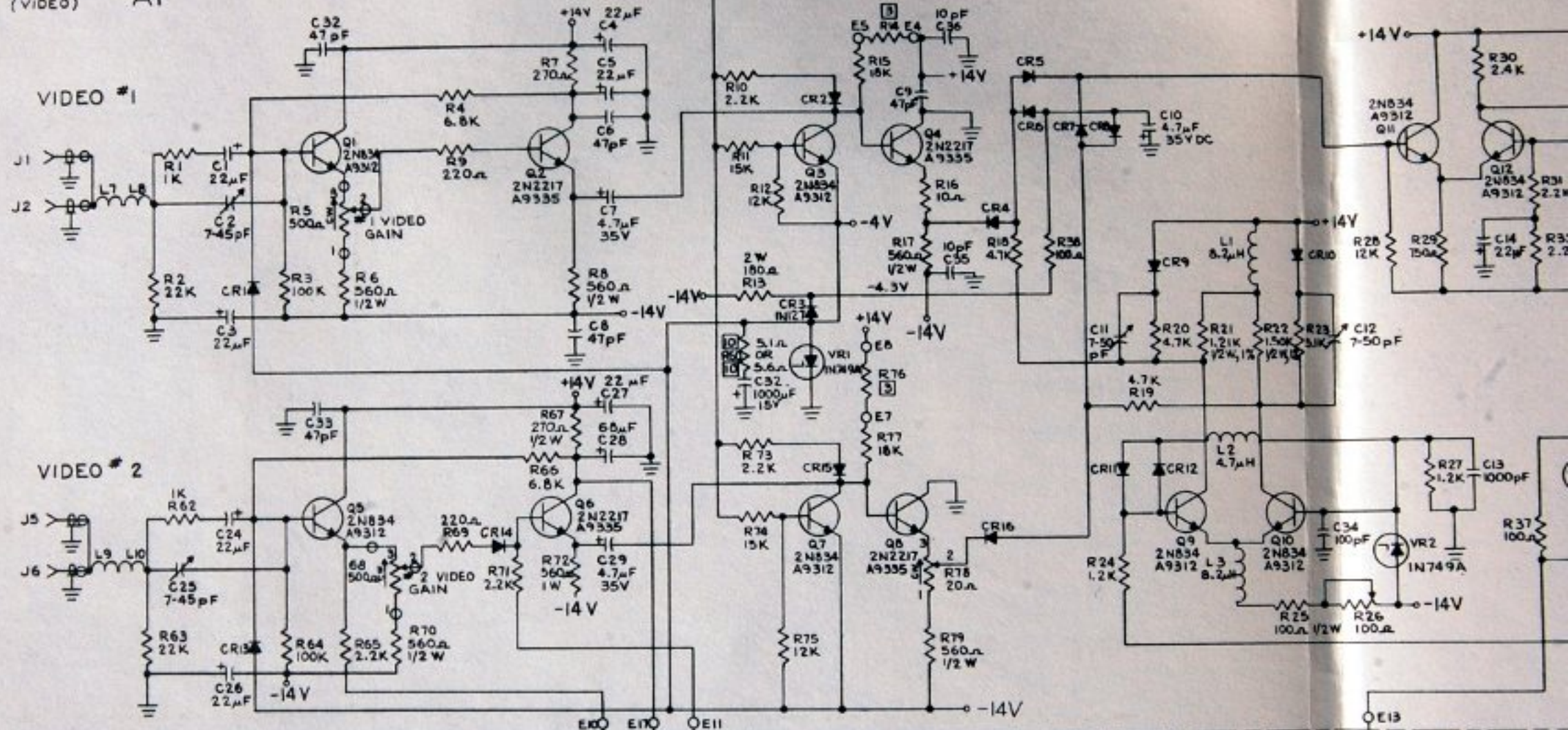
POSITION

- K1 AND K4 ENERGIZED
- K1 AND K3 ENERGIZED
- K1, K3 AND K4 ENERGIZED
- K2 AND K7 ENERGIZED
- K2, K5, K6 AND K7 ENERGIZED

5. NOMINAL BANDWIDTH IS REQUIRED BANDWIDTH AND C34 MOUNTED AT J4. R THE HAND BOOK.

SEE A15364 (VIDEO)

A1



SEE A15363 PATTERN

A2

E10 E11 E12 E13 E14 E15