

General Information

1994
Chassis: MY II
CRT: A51ECQ10X01
Remote Control:
RM-C695-AKD-H
Main Power Button:
CM35222-001-E
Battery Cover:
UR52EC1001

Matrix

Item	See Model
Safety Notes	JVC AV-21H1EK
Service Adjustments	JVC C-21TX1 EK
Control Diagram	JVC C-21TX1 EK
CRT Diagram	JVC C-21TX1 EK
IF Diagram	JVC C-21TX1 EK
Remote Control Diagram	JVC C-21TX1 EK
Text Diagram	JVC C-21TX1 EK

Specifications

TV RF System:	CCIR (1)
Colour System:	PAL, NTSC play back
Teletext System:	FLOF (U.K. system)
No. of Channels:	51 (0 (AV), 1 to 50)
Receiving Channel & Frequency UHF Band:	(E21ch - E69 ch)
470 MHz - 862 MHz	
Intermediate Frequency	
V IF Carrier:	39.5 MHz
S IF Carrier:	33.5 MHz (6.0 MHz)
Colour Sub Carrier:	4.43 MHz
Aerial Input Impedance:	75W unbalanced
Power Input:	220 - 240V AC 50Hz
Power Consumption:	90W (max.) / 75W (avg.)
Picture Tube:	21" (Tube size: 55cm, Visible size: 51" cm) Diagonally measured;
	FST (Flat Square Tube)
Viewable Picture size:	41.3cm (H) x 31.2cm (W)
High Voltage:	26.5kV ± 1.3kV (at zero beam current)
Speaker:	5 x 9 cm Oval type, 4W
Audio Output	
Music Power:	5W (music power)
Audio Power:	3W (effective)
21 pin PERI socket (Euro Connector)	
Video Input:	1Vp-p, 75W
Audio Input:	500mV rms (-4dBs) high impedance
Video Output:	1Vp-p, 75W
Audio Output:	500mV rms, low impedance
R/G/B Input:	700Vp-p, 75W
Tube:	1
Remote Control Unit:	RM-C695

Service Adjustments

Features

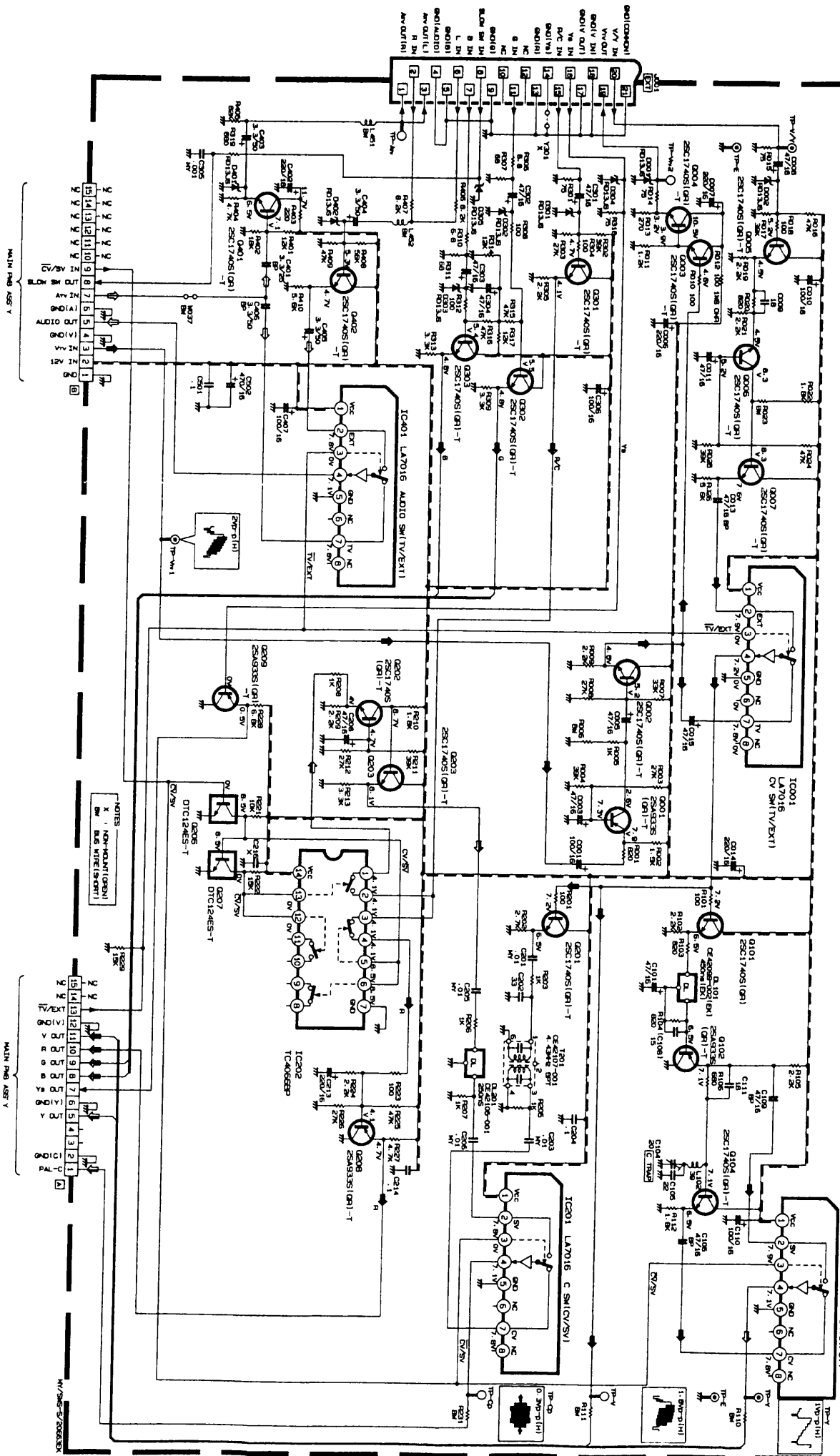
This television set features improved performance at lower cost in comparison with the previous model (C-21TX1EK). Functions are the same as the previous model. The major changes involve the CRT and HVT. Changes in the PWB assemblies are shown below:

Model	C-21TX1EK	C-21TX1EK(A)
PWB	SMY-1901A-U2	SMY-1902A-U2
ASS'Y	SMY-5901A-U2	SMY-5901B-U2
	SMY-7901A-U2	SMY-7901B-U2
	SMY-9901A-U2	SMY-9901B-U2

These PWB assemblies are not guaranteed interchangeable with these of the previous model. Be sure to use the designated PWB assembly for each model.

For other Service Adjustments see Matrix.

AV Terminal Diagram



Recommended Safety Parts

Item	Part No.	Description
R1571	QRZ0095-R56	UNF. WW Resistor 0.56 Ω 2W J
R1991	QRZ0057-825	C R 8.2M Ω 1W J
C1521	QFZ0117-2001S	MPP CAP. 2000pF 2000 ± 2.5%
C1522	QFZ0117-7001S	MPP CAP. 7000pF 2000V ± 2.5%
C1524	QFZ0119-404S	MPP CAP. 0.4 μ F ± 3%
C1901	QFZ9036-473M	M. F. CAP. 0.047μ F 250V M
C1903, C1905,		
C1906	QCZ9034-472A	C CAP. 4700p FAC 125V P
C1991	QCZ9036-332M	C CAP. 3300p FAC 125V M
C1992, C1993,		
C1995, C1996	QCZ9036-102M	C CAP. 1000p FAC 125V K
T1501	CE40203-00BJ1	Drive Transf.
T1901	CE42103-002J1	Switch Transf.
L1521	CE42104-001	Linearity Coil
D1521	BY228-20	Sl. Diode
D1901	LB-156-C1	Bridge Diode
Q1521	BU508AFI	Sl. Transistor
IC1901	STR54041S	I. C. (H)
CP1901	ICP-N25-Y	I. C. Protect
CP1902	ICP-N38-Y	I. C. Protect
FR1005	QRZ0054-150M	F R 15 Ω 1/4W J
FR1105	QRZ0054-5R6M	F R 5.6 Ω 1/4W J
FR1551	QRH027J-270M	F R 27 Ω 2W J
FR1552	QRH027J-1R2M	F R 1.2 Ω 2W J
FR1553	QRH027J-1R8M	F R 1.8 Ω 2W J
FR1554	QRH027J-100M	F R 10 Ω 2W J
FR1561	QRZ0054-4R7M	F R 4.7 Ω 1/4W J
FR1601	QRH017J-120M	F R 12 Ω 1W J
FR1915	QRZ0054-330M	F R 33 Ω 1/4W J
LF1901	CE42144-001J1	Line Filter
TH1901	CE41884-001J1	W - P Thermistor
C8901	QFZ9036-104M	M. F. CAP. 0.1μ FAC 250V M
S8901	QSP2J21-C02	Push Switch Main Power
VA8901	ERZ-C10VK621A	Zinc N Resistor
F9901	QMF51D2-3R15J1	Fuse 3.15A
LF9901	A39475-G	Line Filter
LF9902	CE41890-002J2	Line Filter
1	A51ECQ10X01	Picture Tube (C) V01
2	CELD018-003J7	Degaussing Coil
4	CE42451-001J1	H V Module T1551
5	QMP51G0-200J6	Power Cord

Main
Diagram

