

# Service Manual

## Supplement

Colour Television EURO 2 Chassis

### TX-25MD2E

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# Service Manual



**SUPPLEMENT -1**

**Colour Television  
TX-25MD2E**

**EURO 2 Chassis**

**NOTE:**

THIS SUPPLEMENT SHOULD BE USED IN CONJUNCTION WITH THE TX-25MD1E SERVICE MANUAL

**Specifications**

<b>Power Source :</b>	220 - 240 V AC, 50Hz
<b>Power Consumption :</b>	92W
<b>Aerial Impedance :</b>	75Ω unbalanced, Coaxial Type
<b>Receiving System :</b>	PAL B/G,H PAL - 60 SECAM B/G
<b>Receiving Channels :</b>	VHF E2 - E12 VHF H1 - H2 (ITALY) VHF A - H (ITALY) VHF R1 - R2 VHF R3 - R5 VHF R6 - R12 UHF E21 - E69 CATV (S01 - S05) CATV S1 - S10 (M1 - M10) CATV S11 - S20 (U1 - U10) CATV S21 - S41 (HYPERBAND)
<b>Intermediate Frequency :</b>	
Video	38.9MHz
Sound	33.4MHz,33.16MHz
	32.4MHz,33.05MHz
Colour	34.47MHz (PAL) 34.65MHz,34.5MHz (SECAM)
<b>Video / Audio Terminals :</b>	
AUDIO MONITOR OUT	Audio (RCA x 2) 500 mV rms 1kΩ
AV1 IN	Video (21 pin) 1 Vp-p 75Ω Audio (21 pin) 500 mV rms 10kΩ RGB (21 pin)

AV1 OUT	Video (21 pin) 1 Vp-p 75Ω Audio (21 pin) 500 mV rms 1kΩ
AV2 IN	Video (21 pin) 1 Vp-p 75Ω Audio (21 pin) 500 mV rms 10 kΩ S-Video IN Y : 1 Vp-p 75Ω (21 pin) C : 0.3 Vp-p 75Ω
AV2 OUT	Video (21 pin) 1 Vp-p 75Ω Audio (21 pin) 500 mV rms 1kΩ
AV3 IN	S-Video IN Y : 1 Vp-p 75Ω (4-pin) C : 0.3 Vp-p 75Ω Audio (RCA x 2) 500 mV rms 10kΩ Video (RCA x 1) 1 Vp-p 75Ω
<b>High Voltage :</b>	28kV ±1kV at zero beam current
<b>Picture Tube :</b>	A59ECF50X12
<b>Visible screen size:</b>	59 cm
<b>Audio Output :</b>	
Internal Speaker	2 x 15 W (Music Power) 8 Ω Impedance

Headphones	8 Ω Impedance
<b>Accessories supplied :</b>	Remote Control R6 (UM3) Battery
<b>Dimensions :</b>	Height : 531mm Width : 601mm Depth : 440mm
<b>Net Weight</b>	25kg

Specifications are subject to change without notice.  
Weight and dimensions shown are approximate.

		<b>TX – 25MD1E</b>	<b>TX – 25MD2E</b>
<b>DESCRIPTION</b>		<b>ORIGINAL</b>	<b>NEW</b>
2) CABINET	△	TKY8E040	TKY8E040-4
3) CRT	△	A59ECF20X12	A59ECF50X12
4) CRT FIXING SCREW		THE492-4	THT8E001
5) Y PCB	△	TNP117070AA	TNP117070AC
6) B/COVER LABEL		TBM8E1478	TBM8E1564
9) E PCB	△	TNP197091AS	TNP197091 BE
16) DEGAUSS COIL	△	TLK8E05115	TLK8E05120-1
INST BOOK GERMAN	△	TQB8E2025A	TQB8E2180A
INST BOOK DUTCH	△	TQB8E2025B	TQB8E2180B
INST BOOK FRENCH	△	TQB8E2025D	TQB8E2180D
INST BOOK SPANISH	△	TQB8E2025E	TQB8E2180E
INST BOOK SWEDISH	△	TQB8E2025F	TQB8E2180F
INST BOOK NORWEGIAN	△	TQB8E2025G	TQB8E2180G
INST BOOK FINNISH	△	TQB8E2025H	TQB8E2180H
INST BOOK PORTUGUESE	△	TQB8E2025J	TQB8E2180J
INST BOOK DANISH	△	TQB8E2025K	TQB8E2180K
CARTON		TPC8E4511	TPC8E4556

<b>CR No</b>	<b>DESCRIPTION</b>	<b>ORIGINAL</b>	<b>NEW</b>
C011	CAPACITOR	ECQB1H104KF3	NIL
C464	WIRE LINK	NIL	T3A205016
C606	CAPACITOR	NIL	ECUV1H040CCX
C607	CAPACITOR	NIL	ECUV1H040CCX
C625	CAPACITOR	ECEA1HNR22UB	ECEA1HNR33SB
C3026	CAPACITOR	ECEA1HMR47GB	ECEA1CM470B
C3027	CAPACITOR	ECEA1HMR47GB	ECEA1CM470B
D904	DIODE	T3A205016	MA165TA5VT
D906	DIODE	NIL	RLS72TE-11
D1210	DIODE	NIL	MA165TA5VT
IC601	VIDEO I.C.	VDP3108-25	VDP3108APPA1
IC1202	EPROM	27C010-08AME	27C025-MD2E
IC1203	EAROM	X24C16P-F1E	X24C0803D
IC2101	AUDIO I.C.	MSP3400-15	MSP3400CPPC6
JS E031	WIRE LINK	NIL	ERJ6GEY0R00V
JS E036	WIRE LINK	NIL	ERJ6GEY0R00V
JS E038	WIRE LINK	NIL	ERJ6GEY0R00V
JS Y5	WIRE LINK	NIL	T3A206022

<b>CR No</b>	<b>DESCRIPTION</b>	<b>ORIGINAL</b>	<b>NEW</b>
J26	WIRE LINK	NIL	T3A205016
J188	WIRE LINK	T3A206022	NIL
J194	WIRE LINK	NIL	T3A206022
J197	WIRE LINK	NIL	T3A206022
L002	COIL	TLT047K991 R	ELESN4R7KA
L801	COIL	298-19711	EXCELSA24T
Q908	TRANSISTOR	2SA1535ARLB	2SB940APLB
Q909	TRANSISTOR	2SC3944ARLB	2SD1264APLB
R302	RESISTOR	ERJ6GEYJ391V	ERJ6GEYJ471V
R306	RESISTOR	ERJ6GEYJ391V	ERJ6GEYJ471V
R310	RESISTOR	ERJ6GEYJ391V	ERJ6GEYJ471V
R813	RESISTOR	ERD50FJ334P	ERD50FJ274P
R815	RESISTOR	NIL	ERDS1TJ563T
R818	RESISTOR	ERD50FJ564P	ERD50FJ104P
R819	RESISTOR	ERD50FJ564P	ERD50FJ184P
R904	RESISTOR	ERJ6GEYJ102V	ERJ6GEYJ222V
R928	RESISTOR	ERDS2TJ2R7T	ERDS2TJ5R6T
R930	RESISTOR	ERDS2TJ2R7T	ERDS2TJ5R6T

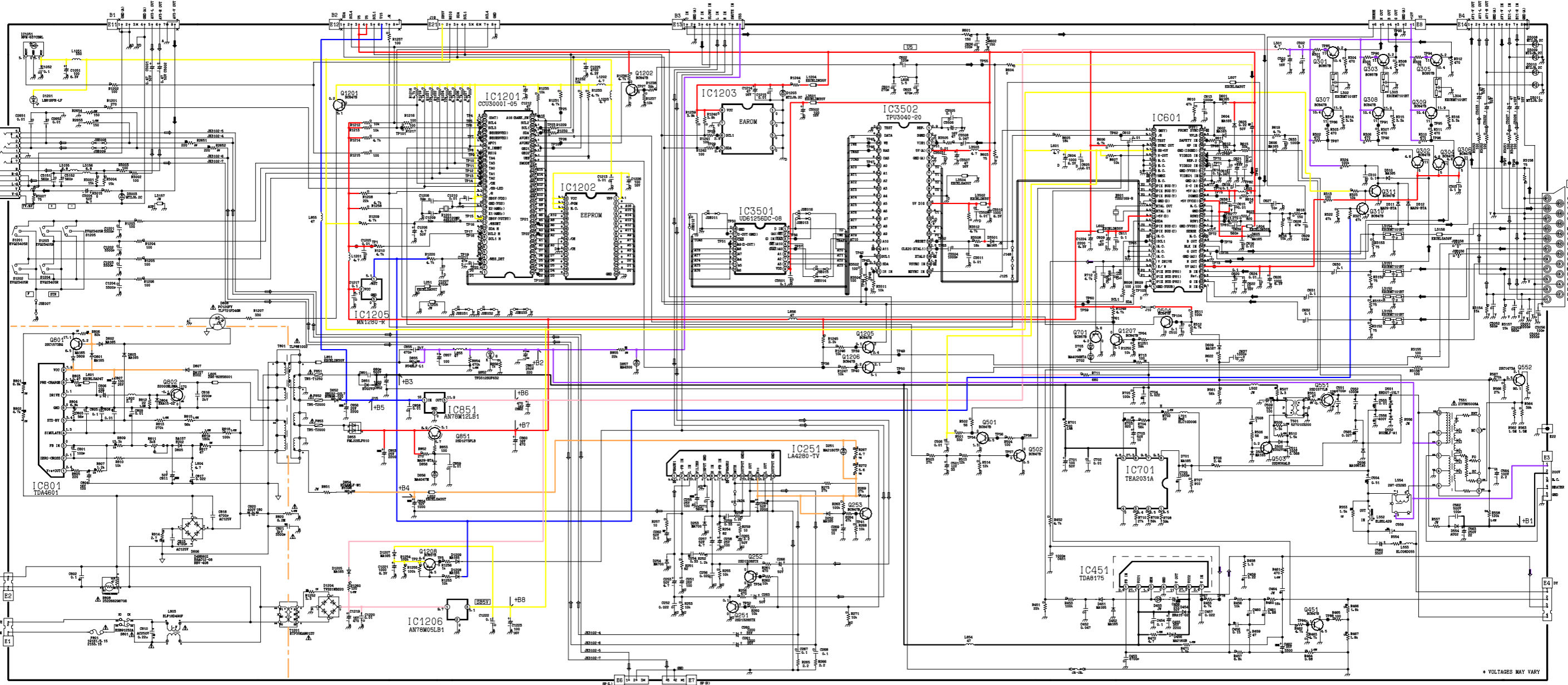
JK3102  
TJB16673

AV3

JK3101  
TJB8007

AV1

TSXB0017 (UK)  
AC CORD



\* VOLTAGES MAY VARY

