

5100-chassis

Faults appeared in the colours	Possible cause of the fault
Picture shades into light blue, red or green	* ICg1 (TEA5101A)
Faults appeared in the picture	
E/W correction fault, the coil Lz2 warms	* Change Cz19 (100nF) for the value 150nF. Concerns only the modules AC5*1 (Vid25") and AC5*H (Vid28")
Horizontal disturbance stripes across whole screen	* Tu8
Middle part of picture compressed	* Lz2
No sync during light picture content	* Check +8V. (Voltage too high -> Tu8 broken?)
No vertical deflection (horizontal line)	* Ck2
OSD and Teletext do not synchronize, black horizontal stripes	* Xt1 (27MHz)
Picture gets brighter (flyback lines visible)	* Mz2 (DST)
Picture shakes / falls during OSD	* ICc2 (4013). Check resistor rc27 = 56k
Picture width varies, vertical bars...	* Lz1, Cz19
Raster, or picture red, blue or green	* ICg1 (TEA5101)
Teletext does not operate	* ICc3 (X2404P Xicor)
Teletext does not operate, white dots on upper edge	* ICt2
Faults appeared in the sound	
Arrow buttons L/R doesn't control Volume, via sound menu ok	* Check pin 3 of the μ P. Normal: 5V, Headphones connected: 0V
Poor sound, picture is ok	* Cd1 (1n2)
No picture	
No picture, no EHT, TV goes to Stby, when switching on	* Tz3 (BU508AF). Check also Rz34 (1R0)
No picture, only one yellow dot on left side	* Dk1
No picture, or only horizontal line	* Ru15
TV does not start up always from Stby to ON-mode	* Change Du8 (1N4148) for the new type: BYS21-90 (E41005198)
Other	