

# 1K-chassis

Chassis	Faults appeared in the colours	Possible cause of the fault
	<b>Faults appeared in the picture</b>	
1K	Vertical lines twist as cold	* CB623
1K	Black screen, sound ok	* Teletext faults, measuring automatism faults, RGB output stage faults
1K	Vertical faults	* Vertical IC, solderings of vertical supply voltage components, output serial capacitor
1K	Upper part of picture is black	* DB571 and CB574 in vertical stage
1K	Vertical stripes on VHF 1 band	* If NSF Tuner, add 10 $\mu$ F from 12V supply voltage to ground
1K	No picture, sound ok	* Check sandcastle pulse and RGB output stage
1K	Teletext picture too dark	* Replace RG62 with zener 5V6 (anode to connector G1/16)
1K	Teletext faults	* Modules with ITT circuits, clean or remove IC sockets, check solderings of jumpers * TPU defective, if "mosaic" occurrence (TV transmission can be seen through mosaic parts) * DPU defective, if teletext unsynchronized
	<b>Faults appeared in the sound</b>	
	<b>No picture</b>	
1K	Does not start, no standby mode	* Check 8.5V and 28V. If missing, check CB711 (22nF) and mains stage
1K	Does not start (thunderstorm damages)	* TB701, diac, DB706, DB707, DB708, HB600, ICB500, DB601
1K	Does not start (may start after a few minutes)	* CB604 (1000 $\mu$ F 25V), TB541, DB546, ICB500
	<b>Other</b>	
1K	After memory circuit change, TV starts to program place 3, and when pressing P-button, 7-segment displays A	* Try to re-programme memory circuit by pressing remote control buttons P, 0, local control buttons step down / step up and remote control memory button
1K	No teletext on normal TV channel, when satellite receiver connected via scart	* Try to change teletext processor version TPU2732 to version TPU2735