

Salora 14S2, 20S2, 21S2  
 Luxor 3331, 5131, 5531  
 Finlux 14B59, 20B59  
 Nokia 37/51/5524, 3725, 37/5155

MP Stereo chassis = MP-chassis  
 equipped with stereo module.  
 Manufactured in Newcastle.

# MP1-chassis (Mono Plus 1)

## ST1-chassis (Stereo 1)

Chassis	Faults appeared in the colours	Possible cause of the fault
MP	No colours	* Zener VD18 (Pal delay supply voltage)
<b>Faults appeared in the picture</b>		
MP	Width and brightness vary	* Processor DF02, check also secondary controller NO05
MP	Picture shifted in horizontal direction	* Zener VK40 (on H-flyback line)
MP	Picture shakes, will switch off by itself	* Diode VO39
MP	Picture non-linear in vertical direction	* CS18 broken (capacitor locates on pin 41 of TV processor)
MP	Horizontal line (no vertical deflection)	* Check U4 (8V). If voltage too low, check CO39 * CS13 leaks
MP	Horizontal disturbance stripes, picture is red, blue, green...	* Check CRT socket, poor contact, focus wire is loose...
MP	Horizontal shift insufficient, VK01 gets damaged	* VK51, VK52
MP3724	Horizontal shift insufficient, VK01 and VK37 get damaged	* VD15
MP	Channel tuning varies, APS does not stop	* Tuner, VL09, VF06
MP	Shadow-picture in menu display	* TDA8362
MP5166	Picture shakes	* Cd30
MP	Width and brightness vary	* DF02 control processor, check STV5180
MP (18.3.99)	No picture, just noise, via Scart OK	* CD01 (TDA8362 pin 13)
<b>Faults appeared in the sound</b>		
MP (stereo)	No sound, mute is on	* Transistors VA60, VA61 (on Stereo module)
MP	No sound sometimes	* Headphone connector
MP	Text "buzzing"	* Change RL30 for 15µH choke (4562 0006)
<b>No picture</b>		
MP	Does not start	* Check reset, VF14, VF15
MP	Does not start as warm, LED is switched off	* CO09

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## ST1-chassis (Stereo 1)

MP Stereo chassis = MP-chassis  
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MP	Does not start, VK03 in short circuit	* Change diode and add 68R / 0W5 in parallel with diode. <b>Note!</b> Diode is not used in all versions
MP3724	Starts up poorly, not at all with remote control	* SMPS transformer, windings 18, 20 and 22 broken
MP	Does not start, switching transistor or driver IC is damaged	* Check VO05, VO06 and CO06. * If BUF405AHS is damaged, change components according to repair kit (8871 8909)
MP14S3	Does not start always, switches off by itself....	* STV5180, VO37
MP3724	Does not start, VK01 gets damaged	* VO37, NO05
MP (stereo)	Picture disappears periodically (with high contr / brightness)	* CK21 (electronic fuse is active)
	<b>Other</b>	
MP	OSD shifted in hor direction after processor change	* Add 15k resistor to parallel of coil ZF02
MP	LED blinks, RC will not operate, front panel step operates	* Crystal ZF01
MP3724	Whistling	* RK11 touches on LK11
MP	Whistling	* Brass strips on deflection coil, varnish or glue
MP	Switches off by itself occasionally	* STV5180 * CO55 (47nF 63V)
MP	Switches off by itself	* OFF-timer activated
MP	TV set does not answer to remote control	* Surrounding lights. If required, change IR-receiver for an other one -> 5888 0974 * Check MODE setting in service mode
MP3724	Starts up to an other memory place than memory place 1	* Start up memory place in programmable
MP	During auto-tune, TV switches off	* Change capacitor CO08 (1nF 100V)
Note!	TDA8362 and TDA8362A are not interchangeable	
Note!	ST1 is based on MP1 chassis, added with stereo module, so the hints concern both chassies	