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Philips L6.3 to L9.0



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<ul style="list-style-type: none"> Philips L6.3 Codenumber information Philips L6.3 Dead - LED not lit Philips L6.3 Loses sigs aft 10 mins & no osd Philips L6.3 No sound - noise only from speakers 	<p>Codenumber information</p> <p>Code number for L6.3 mainsswitch is :4822 212 11965</p> <p>5v supply missing - check T7505 BC337-40 & T7500 BC858 sm (underneath T7505)</p> <p>7505 BC337-40</p> <p>MPS3410 chip faulty - replaced audio pcb</p>
<ul style="list-style-type: none"> Philips L6.3 The set does not work anymore after switching it into the standby mode Philips L6.33AA Dead or tripping Philips L6.33AA No R/C operation aft 5 mins, crackling then int off Philips L6.3AA Field collapse 	<p>Replace the line output transistor 7906. Also replace the line output driver transistor 7421 by type BC368-25 (use only a Philips version)</p> <p>The service code of BC368-25 is 933869720112.</p> <p>REMARKS : The cause is that the line output transistor 7906</p> <p>7505 BC337-40 & cct prot 1502</p> <p>7505 BC337-40</p> <p>1 ohm resistor 3928 tucked away on the bottom of the upright PCB next to the loptx.</p> <p>Possible solution: Short circuit the focus and the G2 pins of the picture tube with the aquadag coating. Switch the set on for approximately 5 seconds. After this return the set to its original condition. Check if the focus adjusted normally. If not repla</p>
<ul style="list-style-type: none"> Philips L7.1A Bad focus or focus varies in a new set or after CRT replacement 	<p>Codenumber correction service manual this codenumber for postion 7600 is not correct; listed below you will find the correct codenumbers.</p> <p>TXT SAA5290ZP/068 :4822 209 15699 TXT A/P NTSC P083CO55BBP/177 : 4822 209 15563</p> <p>A/P LATAM P083CO55BBP/179 : 4822</p>
<ul style="list-style-type: none"> Philips L7.1A Codenumber correction 	<p>Codenumber information</p> <p>LOT in use for 14" and 20" have service codenumber 4822 140 10612</p> <p>LOT in use for 21" have service codenumber 4822 140 10638.</p> <p>REMARKS: Will be applied in L7.1a AA chassis.</p>
<ul style="list-style-type: none"> Philips L7.1A Codenumber information 	<p>Correction Service Manual: For L7.1A AA. In the service manual of the L7.1A AA some errors occured on page 8: Change text above table from Europe version to PAL-Multi AP. In the option table, the options Child-lock and Magnavox have been removed which imp</p>
<ul style="list-style-type: none"> Philips L7.1A Correction Service Manual 	<p>Modification: For L7.1A AA 20" Typenumbers 20PT1XXA/75R, 73R, 50B, 59S, 70B .The CRT panel used on the mentioned sets has been changed to 4822 212 11499 from production week 9723 onwards. For sets with production before 9723, the old CRT-panel 4822 212 11</p>
<ul style="list-style-type: none"> Philips L7.1A Modification 	<p>Replace network resistor item 3601 (see Diagram A4)</p> <p>REMARKS: The reason for the above mentioned symptom is that in some network resitors some leakage current can occur.</p>
<ul style="list-style-type: none"> Strange behaviour of the MENU pictures and the sound volume 	<p>Replace network resistor item 3601 (see Diagram A4)</p> <p>REMARKS: The reason for the above mentioned symptom is that in some network resitors some leakage current can occur.</p>

Philips	L7.1A	level	IRIS CODE 235X
Philips	L7.1A AA	Dead	2R2 5w res o/c, 330pf 2kv near fet split & replace fet with BUZ90 & mica washer Check soldering of L5451.
Philips	L7.2	Totally inoperative, only red LED. No +95 Volt	
Philips	L7.2A	Codenumbr information	Codenumbr information : In the partlist of the manual of chassis L7.2A AA is mentioned for LOT item 5454 code 4822 140 10634. This is the code number for the 14" and 20" executions. The code number for the 21" was not indicated. This code number is 4822
Philips	L7.2A	Codenumbr information	Codenumbr information: In the partlist of the chassis manual of L7.2A the code numbers of the microprocessors item 7600 where not indicated. For the code numbers see below: PAL/MULTI with TXT 4822 209 16173 (SAA5297PS/054) version PM2.1 - PAL/MULTI n
Philips	L7.2A	Distorted and cracking sound during NICAM sound reception	Replace the capacitors item 2225 and 2226 (both 10pF) on the NICAM panel by capacitors with a value of 1.5pF (5322 126 10225). REMARKS: IRIS CODE is 1532
Philips	L7.2E	Crack in sound when switching to a stereo FM program (2CS)	This happens before the word "stereo" appears on the screen. Put the sound board option code (SB) to IT position instead of NI. This setting will be activated if you switch the TV set OFF and ON. REMARKS : IRIS CODE 1 5 4 X.
Philips	L7.2E	Dead - eht comes up then goes to st/by	Field o/p IC TDA9302H - -ve l/p s/c to chassis - chip u/s
Philips	L7.2E	How to enable/disable Hotel mode	See chapter 5.7 Chassis doc L7.2E AA, but with some difference in menu handling. Pr 38, local vol +/- and RC OSD > 3 sec. Hotelchannel 38 appears, you can get confirmation by using the stop rule but this is not necessary. Now the intallation menu is unac
Philips	L7.2E	Installation impossible	When child-lock is activated for one channel then it is impossible to install new channels. You have to find the channel that is locked, or set child-lock for all channels and then you can disable childlock (for all channels at once). If you forgot your con
Philips	L7.2E	No vertical deflection	Replace IC7401 (TDA9302H), add also a zenerdiode BZX79C51 between the pins 4 and 5 of the IC. Anode of the zenerdiode to pin 4 and the cathode to pin 5. Service code BZX79C51 is 4822 130 34257 REMARKS :It is recommended to apply above mentioned modifica
Philips	L7.2E	Preventive action	Preventive action: For all L7.2E sets brought in service, the next action should be done in order to prevent frame IC7401 (TDA9302H) from damage. Mount a zenerdiode BZX79-B51 (4822 130 34257) anode on pin 4 IC7401, cathode on pin 5 IC7401. In case IC7401
Philips	L7.2E	Rattle or no sound during autosearch and receiving 2CS BG programs	Replace the IC7202 (MSP3400) on the audio board by MSP3410D. Service code 4822 209 15832
Philips	L7.2EAA	Dead aft initial front LED lit bright	REMARKS: Fault only occurs in types 21PT4204/00; 21PT4305/00; 21PT4404/00; 52TA4315/03
Philips	L7.2EAA	Field cct upgrade	R3451 o/c due to Field chip IC7401 u/s & check D6468 Add 51v zener between pins 4 & 5 IC7401 (cath pin 5)
Philips	L7.3A	Clarification of LOT to be used	Clarification of LOT to be used Position 5445 (LOT) listed in the parts list in the service manual. L7.3A AA (4822 727 21566) are for different screen sizes: 4822 146 10961 all 25" sets 4822 146 10963 29" -/77 and -/78 only 4822 146 10966 rest of 29" s
Philips	L7.3A	Codenumbr information	Codenumbr information LOT applied in 25" sets of L7.3A AA have codenumbr 4822 146 10961.LOT applied in 29" sets of L7.3A AA have codenumbr 4822 146 10966.
Philips	L7.3A	FOR ALL 25" & 29" Change of service code	FOR ALL 25" & 29" Change of service code The code number of the Mains Switch on pos. 0139 listed in service manual L7.3A (4822 727 21566) has been changed from 4822 276 13603 into 4822 276 13816.
Philips	L7.3A	LOT survey clarification in service manual 4822 72	LOT survey clarification in service manual 4822 727 21566. The code numbers for the LOT on pos. 5445 listed in service manual 4822 727 21566 should be completed with the description listed below: 4822 146 10961 for all 25" sets 4822 146 10963 for 29"/78 &
Philips	L7.3A	Set in protection due to wrong setting of optioncode "88" OFF	NOTE: For Bimos TDA884X family option code must be "88" and "ON"1) Disconnect position 5620 (so temporary WITHOUT +5Volts to NVM) see circuit diagram A5(Control) and PCB coordinates D2;THEN SWITCH TV "ON"2) Connect coil at position 5620 again when scree
Philips	L7.3A	Set in protection; no Supply Voltage (+11Volts and -11Volts) at IC7401	Replace IC7401 by a new one, add additional diode BYD33D and also change capacitor at position 2404 to 220nF (4822 121 42868). Solution: Solder diode BYD33D (4822 130 42488) with anode to pin 4 of IC7401 and cathode to pin 5 of IC7401. Change capacitor
Philips	L7.3A	Video ampl. (pos.7830; TDA6107Q/N1; 4822 209 16321) damaged by flash	Change three components at CRT panel to prevent damage of IC7830. Replace resistors on positions 3832, 3834 and 3836 from 680 R to 1 K (service codenumbr 4822 117 11635) REMARKS : IRIS CODE 1 3 1 X.

Philips	L9.1A	Set in protection mode. After entering SDM mode LED blinking (3x)	Check and replace if necessary IC 7401 (TDA9302H; 4822 209 13176) and add an additional capacitor of 220nF 100V (4822 121 42868). Solder the capacitor between pins 3 & 4 of position 7401 or between the ground of position 2403 and position 3491. See att
Philips	L9.1E	Flickering of video signal during yellow picture content	Add a capacitor of 1nF (5322 126 10511) parallel to capacitor 2221 on the family board. IRIS CODE : 341X
Philips	L9.1E	TXT hold function doesn't work.	Check and replace if necessary position 7600 on the mono-carrier by 9352 672 22112 (L90EF1-1.9). IRIS CODE : 177X
Philips	L9.2E	Addition to Service Manual L9.2E AA	Description for the Hotel mode is missing. This description is given in the attached DOC and/or PDF file. Involved Service Manuals: GB 4822 727 21684 NL 4822 727 21685 D 4822 727 21686 F 4822 727 21687 I 4822 727 21688 E 4822 727 216
Philips	L9.2E	Correction to Service Manual L9.2E AA	The codenumber of position 7705 on page 57 is not correct. Present situation: 7705 4822 209 31555 TDA9830/V1 Correct situation: 7705 9350 549 90118 TDA9830T/V1 Involved Service Manuals: GB 4822 727 21684 NL 4822 727 21685 D 4822 727 21686 F 4822
Philips	L9.2E	Correction to styling 264 of Product Survey 2000-2 (3122 785 10510)	The position numbers and code numbers of positions 1, 2, 3 and 4 are not correct. It must be: 1a 3139 137 73831 Cabinet 1b 3139 137 77081 Cabinet 2a 3139 124 32291 Rear Cover 2b 3139 124 35311 Rear Cover 3a 3111 250 00641 Wordmark 3b 311
Philips	L9.2E	Correction to styling 264 of Product Survey 2000-2 (3122 785 10510)	The position numbers and code numbers of positions 1, 2, 3 and 4 are not correct. It must be: 1a 3139 137 73821 Cabinet 1b 3139 137 77041 Cabinet 2a 3139 124 32291 Rear Cover 2b 3139 124 35311 Rear Cover 3a 3111 250 00641
Philips	L9.2E	Geometry disturbance depending on the picture content	Change the TUNER/CL option in the Service Alignment Menu (SAM). Lower the value of CL until problem is minimized. REMARKS : For the procedure how to get into SAM see Service Manual L9.2E AA IRIS CODE : 1335
Philips	L9.2E	L9.2E Service Manual	In the L9.2E Service Manual (4822 727 21684), a diversity table is used on page 'GB34' (schematic A10). Item 7953 is referred to as TDA7052B - soundamplifier 2W/3W/4W and item 7954 is referred to as TDA7056B - soundamplifier 1W This however is no

			Check and replace if necessary position 7600 on the mono-carrier by 9352 672 22112 (L90EF1-1.9).
Philips	L9.2E	TXT hold function doesn't work.	IRIS CODE : 177X
Philips	L9.2E	Volume control is only adjustable to maximum or minimum volume	Check if position 2951 on the monocarrier is present. If not present mount a capacitor of 10uF (4822 124 40248) on position 2951. IRIS CODE :152X Cause : Too high sensitivity of clock IC1. Change the resistor R3632 on Side Interface Panel code number 3139 178 59671 from 68K code number 4822 051 20683 into 22K code number 4822 051 20223.
Philips	L9.3A	Front clock doesn't raise to the good time.	IRIS CODE : 1171 Cause : Too high sensitivity of clock IC1. Change the resistor R3632 on Side Interface Panel code number 3139 178 59671 from 68K code number 4822 051 20683 into 22K code number 4822 051 20223.
Philips	L9.3E	Front clock doesn't raise to the good time.	IRIS CODE : 1171
Philips	L9H.1A	Correction to service Manual of L9H.1A, L9H.2A, L9H.1E, L9H.2E	In the chassis manual, the service code of the so called "set-up" remote control type RG4172BK (also named T374AH) was not mentioned. The service code is 3135 017 02641
Philips	L9H.1E	Correction to service Manual of L9H.1A, L9H.2A, L9H.1E, L9H.2E	In the chassis manual, the service code of the so called "set-up" remote control type RG4172BK (also named T374AH) was not mentioned. The service code is 3135 017 02641
Philips	L9H.1E	Ohm/Watt external bathroom speaker	Ohm/Watt external bathroom speaker =====
			ITV sets with above mentioned chassis are equipped with an external loudspeaker connection. To this connection a bathroom speaker can be connected. If an external loudspeaker is con
Philips	L9H.1E	Ohm/Watt external bathroom speaker	Ohm/Watt external bathroom speaker =====
			ITV sets with above mentioned chassis are equipped with an external loudspeaker connection. To this connection a bathroom speaker can be connected. If an external loudspeaker is con
Philips	L9H.1E	Ohm/Watt external bathroom speaker	Replace the EPS panel or replace the diode itemCR2 on the EPS panel by type ER302-0141. Service code diode, type ER302-0141, is 9965 000 06628. Remarks: The EPS panel is a non repairable item. Only for this case, diode with item CR2 is supplied. In
Philips	L9H.1E	Set does not work.	In the service manuals of above mentioned Chassis on page 14 paragraph 5.7 the ComPair tool is explained. However the ComPair/Searchman user software is not available.
Philips	L9H.1E AA	ComPair/Searchman	In the parts list of the service manual only the service code of the complete Clock Panel is mentioned. Below also the service codes of the separate components are listed.
Philips	L9H.1E AA	Correction to service manual L9H1.E AA	1072 3119 108 51881 Clock panel complete (large LED's) DP1 4822 265 30734 Co
Philips	L9H.2A	Correction to service Manual of L9H.1A, L9H.2A, L9H.1E, L9H.2E	In the chassis manual, the service code of the so called "set-up" remote control type RG4172BK (also named T374AH) was not mentioned. The service code is 3135 017 02641
			When the set is switched off via the mains switch and is switched on again after more than 5

			minutes, the "welcome message" doesn't come up at start up.
Philips	L9H.2E	"welcome message" doesn't come up at start up.	Put the set into the SDM mode. Select the option AS (Auto start-up). Change the option content fr
Philips	L9H.2E	Correction to service Manual of L9H.1A, L9H.2A, L9H.1E, L9H.2E	In the chassis manual, the service code of the so called "set-up" remote control type RG4172BK (also named T374AH) was not mentioned. The service code is 3135 017 02641
Philips	L9H.2E	Ohm/Watt external bathroom speaker	Ohm/Watt external bathroom speaker =====
Philips	L9H.2E	Ohm/Watt external bathroom speaker	ITV sets with above mentioned chassis are equiped with an external loudspeaker connection. To this connection a bathroom speaker can be connected. If an external loudspeaker is con
Philips	L9H.2E	Service code of the FM-Radio tuner.	In the partslist of the Radio-SP/LS-Vbatt panel of the Chassis Manual L9H.2E, the service code of the FM-Radio tuner item 1901 was not indicated. The service code is 9352 632 70112
Philips	L9H.2E	Set does not work.	Replace the EPS panel or replace the diode itemCR2 on the EPS panel by type ER302-0141. Service code diode, type ER302-0141, is 9965 000 06628. Remarks: The EPS panel is a non repairable item. Only for this case, diode with item CR2 is supplied. In
Philips	L9H.2E	Sets do not work properly with CANAL+ decoder.	Sets do not work properly with CANAL+ decoder connected to the scart connector(sound and picture are not de-scrambled).
Philips	L9H.2E	Sets do not work properly with CANAL+ decoder.	Replace the micro-computer item 7600 with an execution with software version 1.5 or higher. The codenumbers for the micro-computers
Philips	L9H.2E AA	ComPair/Searchman	In the service manuals of above mentioned Chassis on page 14 paragraph 5.7 the ComPair tool is explained. However the ComPair/Searchman user software is not available.
Philips	L9H.2E AA	Correction to Service Manual L9H.2E AA	In the parts list of the service manual only the service code of the complete Clock Panel is mentioned. Below also the service codes of the separate components are listed. 1072 3119 108 51861 Clock panel complete (Small LED's) DP1 4822 265 30734 Co

Note this is information should only be used by a qualified technician.

**MERRY
CHRISTMAS**

