

PHILIPS

< Product Presentation Jaguar >

Euroservice

Service Training

< Instructor Valère De Seranno >

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Jaguar 2004 and 2005 Range

Model Nr	Service Chassis name	LCD / PDP	Display Type	Year
32PF9956/12	FTL3.1	LCD	Sharp	2004
32PF9830/10	JL2.1E	LCD	Sharp WXGA 1366 x 768p	2005
37PF9830/10	JL2.1E	LCD	Sharp Full HD 1920 x 1080p	2005
42PF9830/10	JL2.1E	LCD	LPL Full HD 1920 x 1080p	2005
42PF9730/10	JL2.1E	LCD	LPL	2005

Model Nr	Service Chassis name	LCD / PDP	Display	Display Type	Range
42PF9831D/10	FJ3.0E LA	LCD	LPL 1366 x 768P SB	LCX2-SLA1 (LGPH) B420W	Top A
42PF9731D/10	FJ3.0E LA	LCD	LPL 1366 x 768P SB	LCX2-SLA1 (LGPH) B420W	Top B
37PF9731D/10	FJ3.0E LA	LCD	Sharp 1920 x 1080P GFI	LK370D3LZ23 (SRPJ)B	Top B
32PF9731D/10	FJ3.0E LA	LCD	LPL 1366 x 768P SB	LC320WX2-SL01 (LGPH) B	Top B
37PF9631D/10	BJ3.0E LA	LCD	Sharp 1366 x 768P	LQ370T3LZ53 (SRPJ) B	Step
32PF9631D/10	FJ3.0E LA	LCD	LPL 1366 x 768P SB	LC320WX2-SL01 (LGPH) B	ME6
32PF9531/10	FJ3.0E LA	LCD	LPL 1366 x 768P SB	LC320WX2-SL01 (LGPH) B	ME6
26PF9631D/10	BJ3.0E LA	LCD	LPL 1366 x 768P	LC260WX2-SLB2 (LGPH) B	ME5P
26PF9531/10	BJ3.0E LA	LCD	LPL 1366 x 768P	LC260WX2-SLB2 (LGPH) B	ME5P
42PF9631D/10	BJ3.0E PA	PDP	FHP 1024 x 1080i	FPF42C128135UA-S2 (FHPL) B	Step
50PF9631D/10	BJ3.0E PA	PDP	SDI 1366 x 768	S50HWYD01 (Pal/NTSC) B	Step

Features	FTL3.1	JL2.1	BJ3.0	FJ3.0
USB	USB1.1	USB2	USB2	USB2
DMR	✓	✓	Option	✓
CB (Content Browser)	✓	✓	✓	✓
Pixel Plus	PP	PP2 Spider	PP2 HD Viper & Pacific 3	PP3HD Viper, Spider & Pacific 3
Combfilter	3D	3D PNx2015	3D PNx2015	3D PNx2015
Ambilight		Ambilight 2	Ambilight 2	Ambilight 2 / 3 & 4
CinemaLink P50.3	P50.3	P50.2		
Stand		Motorised swivel	Pilar	Pilar
Connected Planet		Only 42"		✓
SW upgrade via USB	✓	✓	✓	✓ Main & Standby
Front End Tuners	Analog	2 Tuners analogue	DVB-T or Analogue	DVB-T + Analogue
Dual Window		Full Dual Window		Full Dual Window

Motorised Swivel

- **bypacked in whole Top range**
- **RC operation:**
 - **Mot (shift) key + Cursor keys**
 - **L, R, Up (Last Status), Down (Center position)**
 - **System standby (Center position)**
- **Manual operation possible (not stored as Last Status)**
- **Turning angle – 30° / + 30°**



Video content based
Improved Contrast

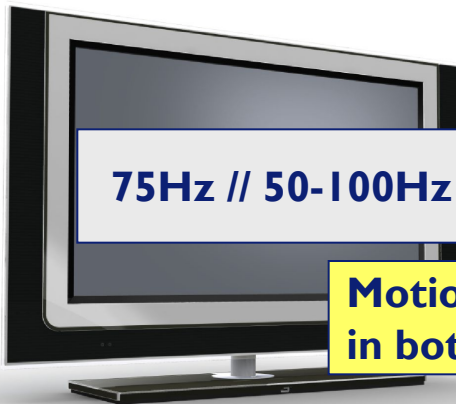
(32" only) Better
motion reproduction

- as processed in Eagle IC
- repaired PDC-Coring
- Saturation Control

• Realized by viper – Spider combination

Detection & reduction
of halo's

• Features:



75Hz // 50-100Hz // 60-120Hz

Motion estimation & compensation
in both video and film mode

Dimming & Scanning Backlight

Vivid Colors

3D Combfilter

H & V Peaking

Color enh. (Spider & EPLD)

Dig Nat Motion & Halo
Reduction

MPEG detection

Improved H & V LTI (1366
pixels)

Improved 2D & 3D DNR

HD deinterlacing

Detection (& correction) of
MPEG artifacts

• Active Control 5 with
wizard

PP2 processing on Full HD
vs downscaled in EMGT

- Improved noise reduction
- Quantisation noise reduction

Ambilight 2 - What is new



- Left and right independent color channels
- Improved lightoutput and more saturated colors
- Improved color match with screen content (algorithm)
- 4 Active modes Action, Movie, Relaxed, Ambiance
- Adjustable L/R blending, from Mono to full separation
- Ambilight in standby (“Lampadaire mode”)

Ambilight 1



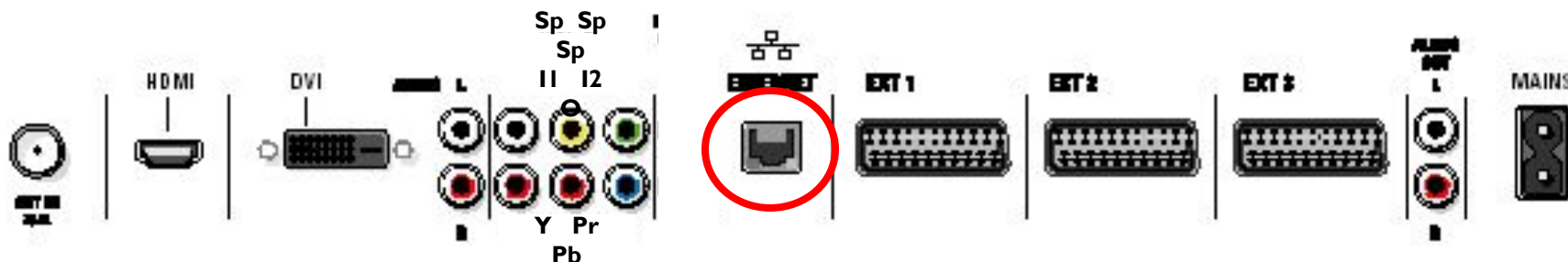
Ambilight 2





- Side I/O: classic connections
- 2x USB 2.0 + Digital Media Reader
- Bottom:
 - Antenna
 - HDMI
 - DVI-I + L,R
 - YPbPr (1fH till 3fH, using SPDIF In for Audio)
 - 2x SPDIF In, 1x SPDIF Out
 - Ethernet Connector (42" only)
 - 3 Scarts
 - L,R CL

Rear connectors



Side connectors



Ethernet connection :

- NOT in 32" and 37"
- ONLY in 42"

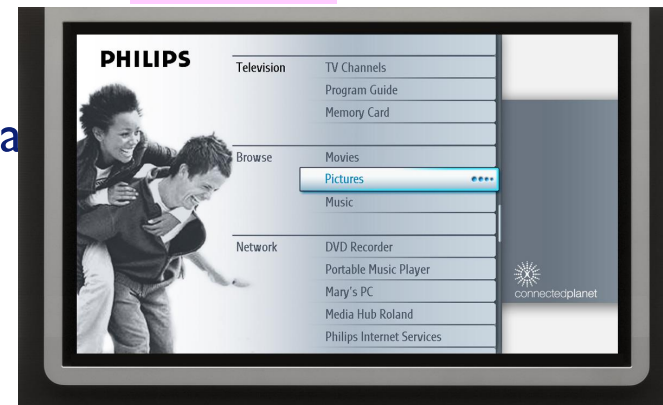
Connected Planet

- WiFi (Wireless USB dongle) prepared
- Content Browser : PC-link
- Content Browser à la 1st Spin Jaguar
- SW-upgrade via USB / Ethernet / Wireless Dongle
- HDMI (video & PC-formats)
- CP UI - Connected Planet UI
- P50.2
- Full Dual Screen / PIP (HP sound is always sound of Main picture)

UI 2004



UI 2005



JL2.1

Other Features

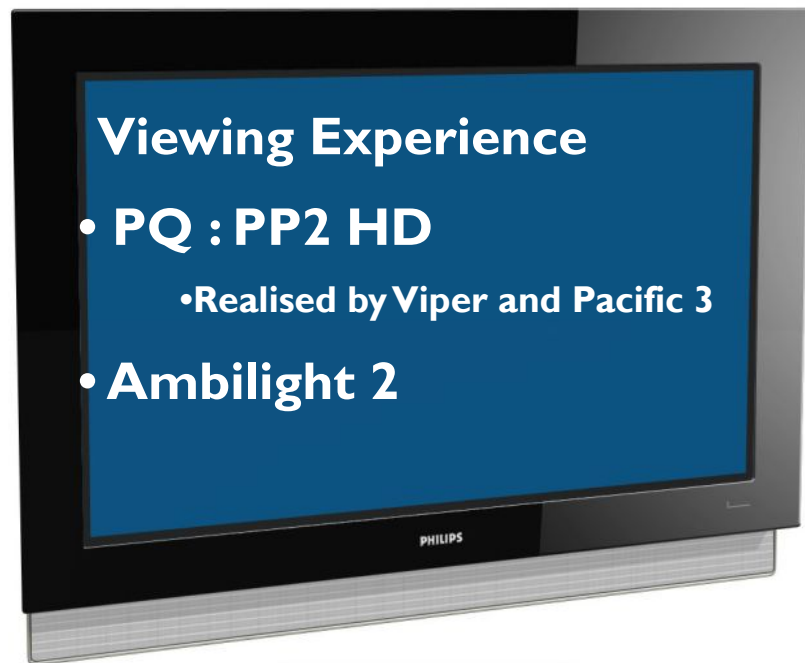
- Content Browser and Connected Planet**



	Europe 32"	Europe 37"	Europe 42"	AP China
CB 1 st Spin JPEG & MP3(Pro)	☒	☒	☒	☒
SW upgrade via USB	☒	☒	☒	☒
CB Streaming Video via USB			☒	☒
PC - Link			☒	
Internet Link				
Connected Planet			☒	

- WiFi bridge as accessory**

Entry	Entry+	Step	Top B	Top A
LC04SD2	LC04SD2.1	XXPF963ID/I0	XXPF973ID/I0	42PF983ID/I0
		Baby Jag	Full Jag	Full Jag
	SD2.1 +Pacific 3	Baby Jag Eu +Pacific 3	Full Jaguar + Pacific 3	Full Jaguar + Pacific 3
	• Pixel Plus • Dimming Backlight • ME6 • 2HDMI/2Sc/ 1HDCVI (no VGA)	• Pixel Plus 2HD • Ambilight 2 • HG Step design • USB 2.0 • DVB-T	• Pixel Plus 3HD • Ambilight 3 1080p • Clear LCD • Full Black HG Step design • USB 2.0, MCR, PC-link • DVB-T	• Pixel Plus 3HD • Ambilight 4 • Clear LCD • Bi-plane design • USB 2.0, MCR, PC-link • DVB-T
		32PF953I/I0 32PF963ID/I0 Full Jag		
Analogue		Digital		



Displays :

□ 32" & 37"

- LCD WXGA 1366 x 768p
- Sharp ASV2.3

□ 42"

- PDP 1024 x 1080i
- FHP A4

□ 50"

- PDP 1366 x 768p
- SDI V5



Software Natural Motion

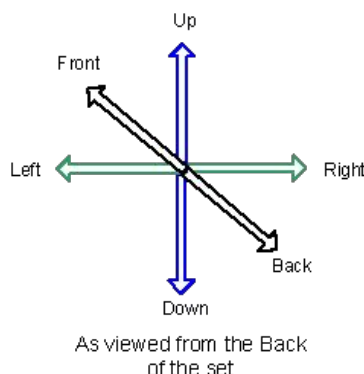
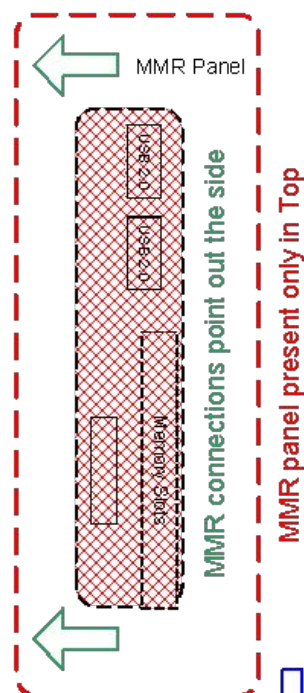
UFD / Baby Jag I/O Europe 2k6

Europe 2006

3rd Spin Baby Jag

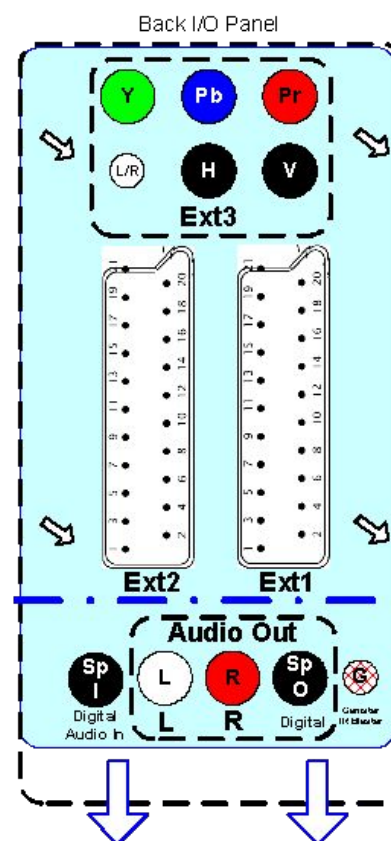
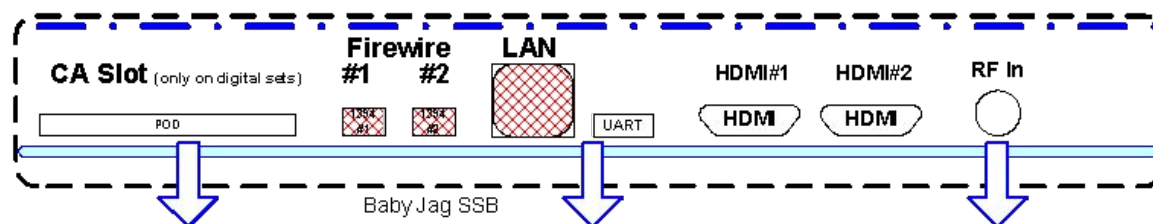
(digital version: with CA; analog:
without CA)

Step



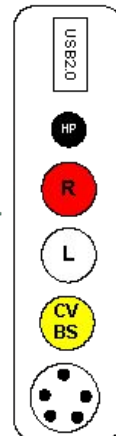
Connections in the upper Back I/O Panel point to the back

Connections below this line point downwards



Side I/O Panel

Side I/O connections point out the side



TOP A

- Biplane with Canvas
- Pillar stand



Mechanics



TOP B



Viewing Experience

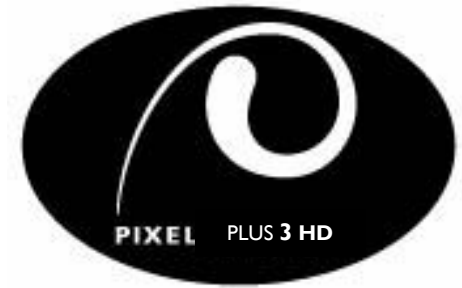
- **PQ : PP3 HD**
- **Ambilight 2/3/4**

Top A :AL4

Top B: 32" AL2

Top B:37" AL3

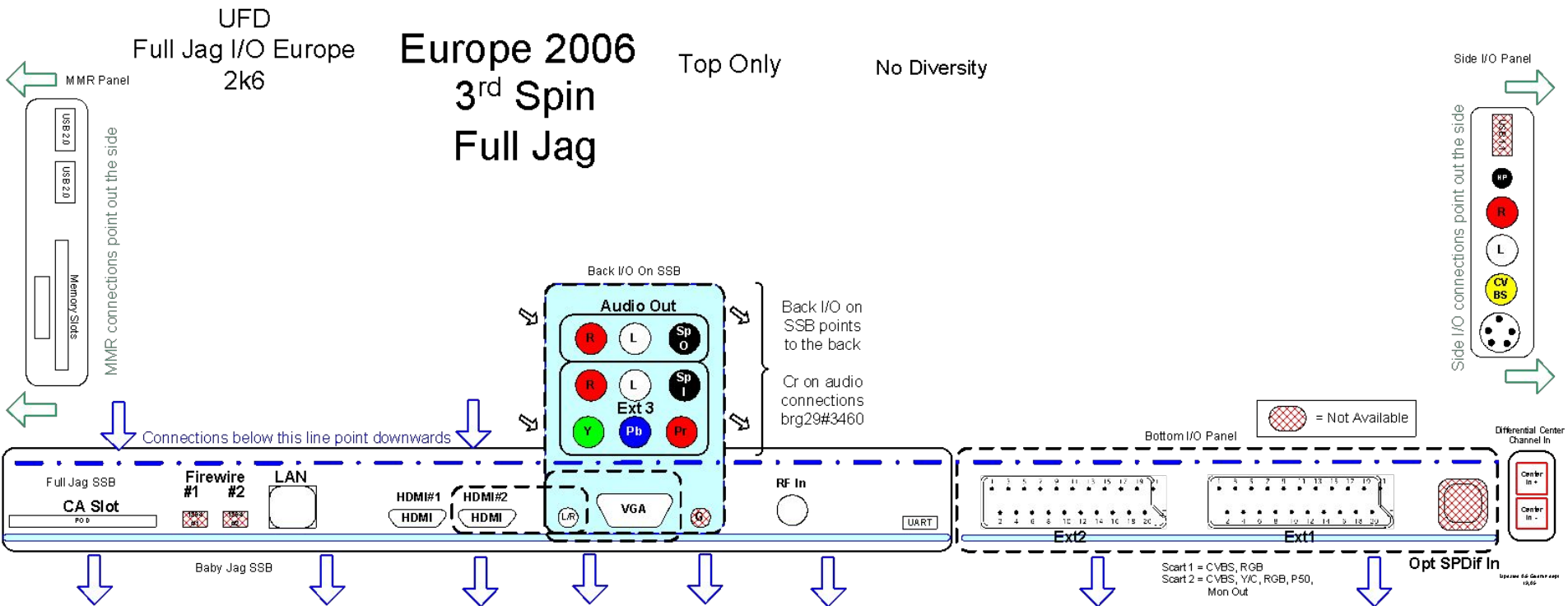
Top B:42" AL3



**Realised by
Viper & Spider & Pacific 3**

DigitalNaturalMotion

Connectivity



Other Specifications

- **2 Tuner Double Window / PIP (except 32")**
 - **Hybrid Tuner in Main**
 - **Analog only Tuner in Sub**
- **VGA (DB15) (YPbPr capable) & L,R**
- **USB2.0 + Memory Card Reader (except 32")**
 - **Content Browser AND Streaming Video**
- **Connected Planet : PC-Link via Ethernet Connector (except 32")**
- **DVB-T (Europe) & MHEG**
- **Connected Planet UI**
- **View4u (SLTV2): Settings Assistant**

Worthwhile...differences w.r.t 2nd Spin 2K5

- **P50 is removed from the specification !**
- **Australian sets :VIRGIN mode + NO Preprogrammed Presets any longer !**
- **UI : menu changes wrt 2K5 SW □ View4U assistant / combined smart video/audio settings**
- **Option button on RC □ Quick access menu for:**
 - **Digital Audio language selection**
 - **Digital Subtitle language selection**
 - **View format change !!!**
 - **Clock**
 - **Subtitles**
 - **Equalizer settings**

- **DVB-T**
 - Digital television for Finland, Sweden, France, Germany, UK, Spain
 - CI card support for scrambled content
 - Subtitling
- **MHEG**
 - UK only
 - Other countries TXT
- **ViewForYou**
 - Picture and Audio settings fine tuning based on build-in pictures
 - Ambilight tuning based on build-in movie
- **Super-shop Demo**
- **Board Level repair**
 - Dumping presets
 - Display settings
 - Configuration data

Most of European sets have DVB-T tuner inside, but depending of the country the set is installed the Digital tuning part is switched of.
Is the case for the Netherlands and Belgium.

Validated for use of DVB-T transmission

Agrée pour l'utilisation de la transmission en DVB-T

Für die Übertragung mit DVB-T freigegeben

Validado para utilização da transmissão DVB-T

Urządzenie zgodne ze standardem transmisji DVB-T

Schváleno pro použití přenosu signálu DVB-T

Homologado para la recepción de televisión digital terrestre (DVB-T)

Validerad för användning av DVB-T-överföring

Validoitu DVB-T-siirtokäyttöön

DVB-T		
DEU	FRA	GBR
ESP	FIN	SWE

NON DVB-T		
AUT	HUN	NLD
BEL	IRL	NOR
BGR	ISL	POL
CHE	ITA	PRT
CYP	LIE	ROM
CZE	LTU	SVK
DNK	LUX	SVN
EST	LVA	TUR
GRC	MLT	

Connectivity and supported formats see DFU

Setting the remote control to work peripheral equipment



Kensington Security Slot (if present)

Your TV is equipped with a Kensington Security Slot, to prevent it from getting stolen. An anti-theft Kensington lock has to be purchased separately.

The Kensington lock is a plastic-coated steel cable with a lock. One end has to be fixed to the opening of the TV and locked with a special key. The other end is attached to a fixed point.

® Kensington and MicroSaver are registered US trademarks of ACCO World Corporation with issued registrations and pending applications in other countries throughout the world. All other registered and unregistered trademarks are the property of their respective owners.

Annex 1 Philips TV Software upgrade with portable memory

Annex 2 Philips TV Slideshow Format with background music

Annex 3 Philips TV Portable Memory and USB

For details, open the DFU

Product Checker board view

JL2.1

Bj3.0 & FJ3.0

