

Technical specifications

mermaid visionary 40" HD LCD TV

Display	Panel Size	40.0"
	Aspect Ratio	16:9
	Visual Contrast Ratio	1800:1
	Viewing Angle	±178°
	Resolution	1366 X RGB X 768
	Response time (G/G)	8 ms
	Technology	Samsung SPVA



Tuner System	Cable tuner - 2 Pieces 1 Primary / 1 Secondary for PIP/POP/PAP purposes	45-860 MHz (PAL B/G/I/D/K, SECAM L/L)
	DVB-T Tuner w/RF loop through	Supports Basic EPG No support for advanced EPG and DVB-T Subtitles

Picture	HDTV Ready	Yes, Supports 720p, 1080i and 1080p
	Progressive Scan / Advanced Image Processing	Yes
	Environmental Light Compensation (User controlled)	Yes - build-in light sensor
	Separate picture controls / Color schemes for all inputs	Yes
	Dynamic Black & White Expansion (User controlled)	Yes – separate on/off control for all inputs
	Protective optical contrast glass PixelClear, Anti-reflex	Coated on both sides, 0.3% light reflection
	Picture formats	7 settings
	Image Processor	Pixelworks



Sound	Speaker Output / can be used as centre speaker	2x10W RMS (6 units) / Yes
	Line out (Fixed volume level)	Yes
	Sound System	A2 + Nicam Stereo
	AVL (Automatic Volume Control)	Yes
	Equalizer (Controlled via OSD)	Yes
	Headphone output	Yes
	Lip sync compensation	Yes – 3 steps

Advanced Features	OSD (On Screen Display)	Yes
	Automatic Intelligent Picture Size control	Yes
	Picture Freeze	Yes
	Sleep Timer	Yes
	Automatic channel storage (Plug & Play)	Yes
	PIP (All possible combinations)	Yes – User
	POP5 / POP12 (1 Primary picture surrounded by 5 or 12 pictures controlled by secondary tuner)	Yes – All inputs are selectable as primary input
	PAP (Picture At Picture)	Yes
	PIP/POP/PAP Swap	Yes
	Euro Fast Teletext (PAT – Picture At Text support)	Yes - 4000 pages
	ALS (Ambient Light Simulation) – 6500°K	Yes Q1/2007 – 10 steps
	IR Blaster Out	Yes
	Detachable speaker front cover	Yes



Base Plate



Remote Control

mermaid visionary 40" HD LCD TV

A/V Inputs	S-Video (separate sound input)	1 input
	Composite (Separate sound input)	1 input
	Component (DTV/DVD) (Separate sound inputs)	2 inputs
	Supported video formats	1080i, 720p, 720i, 576p
	Analog RGB (PC) Input (15 Pin D-sub) (Separate sound input)	Yes (1366x768 support) VESA DDC 1/2B compliant
	DVI-D with HDCP support (Separate sound input)	Yes (1366x768 support) VESA DDC 1/2B compliant
	Supported video formats	1080i, 720p, 720i, 576p
	Euro Scart Jack with RGB	2 inputs
	HDMI with HDCP support and Full implementation of SP/DIF sound modes	1 pc, Supports Dolby Digital, DTS Digital and PCM
Supported video formats	1080p, 1080i, 720p, 720i, 576p	
Multimedia Flash Player	1 input	

Multimedia Flash Player
USB

Multimedia Flash Player	USB 2.0 to device, max. 500 mA	Yes
	Supported Card formats	MMC, SD, Memory Stick, Smartmedia.
	Supported file formats - Video	MPEG1/2, MPEG4 (DIVX), VOB (No AC3 sound support)
	Supported file formats – Audio	MP3, PCM, WAV
	Supported file formats – Picture	JPEG (EXIFX.X)

A/V Outputs	Euro Scart Jack	2 outputs
	Line out (Fixed volume level)	Yes

Power	A/C Input	110 – 240 VAC 50/60Hz
	Power Consumption - Operation	MAX 190W
	Power Consumption - Standby	1,8W

Dimension (WxHxD)	TV only	1034 X 731 X 85 mm
	TV with base plate	1934 X 731 X 220 mm
	Weight – TV only	30 Kg

Remote	Programmable (via USB)	Yes - Up to 6 devices + TV
	Learn mode (via IR)	Yes - Up to 6 devices + TV
	TV compatible with BEO4 and BEOLINK 1000	Yes

Accessories	Wall Mount Kit	Yes
	Floor Stand	Yes
	Table Stand	Yes
	Base Plate	Yes
	Skyview ceiling-mount system (Please order separate Brochure)	Yes



Table Stand



Floor Stand

Revision: 2007-01-02