

3. Product Information

3.1 Equipment Description

Items		Specifications
Display	Target Panel Size	LCD 17/22/23/26/32 inch
	Aspect Ratio	4:3, 16:9 or 15:9
	Resolution	SXGA(1280x1024), WXGA(1280x768, 1280x720, 1366x768)
	Refresh Rate	50Hz, 60Hz
	Maximum Pixel Rate	110 MHz
	Interface	Dual Channel LVDS, Single Channel LVDS
Supported Signals	Analog PC	H Frequency Range : 20 ~ 82 kHz
		V Frequency Range : 55 ~ 90 Hz
		Maximum resolution : 1280x1024 75Hz
		Maximum pixel rate : 135 MHz
		DTV mode support : 720P, 1080i
		Separate / Composite / SOG sync support
	Digital PC (DE Mode)	H Frequency Range : 20 ~ 82 kHz
		V Frequency Range : 55 ~ 75 Hz
		Maximum resolution :1280x1024 75Hz
		Maximum pixel rate : 135 MHz
		DTV mode support: 720P, 1080i
	CVBS, S-Video	NTSC-M PAL-B/G/H/I SECAM
Connection (Video)	DVD Component	480i
	DTV Component	1080i
		720P
		480P
	TV	NTSC M Systems
	TV	ANT In (75 ohms coaxial cable)
	CVBS	Composite RCA In (75 ohms 0.7/1.0 Vp-p)
	S-Video	Mini Din-4Pin x 1 S-Video In
Connection (Audio)	Component	RCA x 3 (75 ohms, 0.7/1.0 Vp-p) YPbPr : DTV / YCbCr : DVD
	PC Analog	RGB D-Sub 15Pin (75 ohms $\pm 10\%$, 0.7Vp-p $\pm 5\%$)
	Component 2	Y-Pb-Pr DVD RCA In (75 ohms , 0.7/1.0 Vp-p)
	PC DVI	DVI- D
	Video Out	RCA x 1(75 ohms, 0.7/1.0 Vp-p)
	TV	Tuner SIF In
	PC / DVI	RCA x 2, Stereo Sound In (500mVrms)

Items		Specifications
Connection (Audio)	Video / S-Video	RCA x 2, Stereo Sound In (500mVrms)
	Component	RCA x 2, Stereo Sound In (500mVrms)
	Speaker Out	2.5W(under 20 inch), 4W(Over 22 inch) x 2
	Headphone Out	Stereo Headphone Jack
	Audio Out	Stereo Headphone Jack
TV	Tuning System	NTSC-M
	Tuning Supports	Air / Cable (STD, HRC, IRC)
	Tuning Range	Air Ch : 2 ~ 69 Ch, Cable Ch : 1 ~ 125 Ch
	Channel Save Capacity	All Channel for Air and Cable (181 Ch)
	Sound System	BTSC (USA), A2 (KOREA), EIA-J (Japan)
	MTS Support	Mono, Stereo, SAP
OSD	Color	16 colors
	OSD Type	Graphic & Text
	Language Support	English, French, Spanish, Korean, Chinese, Japanese
	Maximum OSD Size	512 (H) x 360 (V)
User Functions	Picture	Contrast, Brightness, Sharpness, Color, Tint, Color Temp, PSM(Picture Status Memory) Phase, Frequency
	Window	Aspect Ratio, PIP Size, PIP Source, PIP Position, Sound Swap, H Position, V Position
	Audio	Balance, Auto Volume, MTS, Language (A/B), Stereo System, 5 Band Equalizer SSM(Sound Status memory)
	Function	Language, Auto Adjust, OSD Time Out, Sleep Timer
	TV	Auto Search, Manual Search, Auto Fine Tune, Fine Tune, Closed Caption, Caption Display V-Chip : TV Guidelines, MPAA Rating, Blocking On / Off, Change the Password
Power	Supply Voltage	DC 12V (17 inch), AC 220 / 110V 50~60Hz
	Power Consumption	-

Crystal list

ITEM	Part Name	Part Des	Qty	Location	Note
1	CRYSTAL	20.25MHz	1	X2(VPC3230D)	VIDEO DECODER
2	CRYSTAL	14.318MHz	1	X1(PW166)	IMAGE PROCESSOR
3	CRYSTAL	18.432MHz	1	X1(MPS3450G)	SOUND PROCESSOR

3.2 Variations covered by this report

Model Difference : N/A

Technical Deviation : N/A

3.3 Additional Information Related to Testing

Test results apply only to the particular sample tested and functionality described in this test report.

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