

HITACHI

Inspire the Next¹



42PD580DTA

42" Plasma Television

KEY FEATURES

- Integrated HDTV Digital Tuner + Analogue Tuner
- ALIS Panel:
 - 1024 x 1024 resolution
 - 60,000 hour panel life (under normal video use) *
- 16.77 Million Colours (256 grey levels)
- 1,400 cd/m² Panel Brightness
- 3,000:1 Contrast Ratio
- Picture-In-Picture
- 6 Picture Size Modes:
 - 4:3, Panoramic, 4:3 Zoom1/2, Full, 16:9 Zoom
- SRS + WOW Sound
- Teletext (250 Page Memory)
- Powerful 20W Hi Fi Quality Bottom Speakers
- VGA-SXGA input for PC
- Component Input (DVD/STB)
- HDMI Digital Input (HDCP Compliant)
- Fixed Desk Stand
- Fanless Design for Silent Operation

* Average time until panel phosphors reach approximately half original brightness. Hours may vary depending upon operating conditions and environment.



		42PD580DTA 42" (106cm) Plasma HDTV	
Display	Effective display area (HxV)	926mm x 525mm, (1064mm) diagonal, 16 : 9	
	Number of pixels (HxV)	1,024 x 1,024 pixels (A3 ALIS)	
	Pixel pitch (HxV)	0.90 x 0.51 mm	
	Number of colours / Grey scale	16.77 million colors / 256 grey scale	
	Panel Brightness (at white peak)	1,400cd/m ²	
	Contrast Ratio (Panel)	3,000:1 Typical	
Input Signal	Analogue U/V Tuner	NTSC M, SECAM B,G / D,K, PAL B, G / I / D,K RF Multiplex: A2 / NICAM Teletext: 250 Pages	
	Digital DVB HD Tuner (Built-In)	Digital Teletext DVB EPG (Now & Next) Program Reminder & Event Timer Subtitle Decoding & Display (English Only)	
	Video Signal	NTSC3.58 / 4.43, PAL, SECAM	
	Component Signal	480i/p, 576i/p, 720p (50/60), 1080i (50/60)	
	HDMI Signal (Video mode)	480i/p, 576i/p, 720p (50/60), 1080i (50/60), VGA	
	Analogue RGB Signal	VGA-SXGA (31.5 to 80kHz, 50Hz to 85Hz (1024 x 768/60Hz recommended))	
Signal input and terminals	RGB input	RGB1 (RGB) : Mini D-sub 15P + Audio : Stereo mini jack	
	Video input	Input1 (CVBS) + (L,R) : RCA pin	
		Input2 (S-video) + (L,R) : RCA pin	
		Input3 (Y,Pb,Pr) + (L,R) : RCA pin	
	HDMI		
Signal output	Headphone Output / Subwoofer Output	No / Yes	
	A/V Output	TV / AV / SV	
Picture	Comb Filter	2L (PAL) / 3D (NTSC) Comb Filter	
	Noise Reduction	Yes	
	Picture Modes	3 (Natural, Cinema, Dynamic)	
	White Balance	5 (Cool, Normal, Warm, Black & White, User)	
Sound	Surround	SRS WOW	
	Audio Power (RMS)	10W+10W	
Operation	OSD Languages	English, T-Chinese, S-Chinese, Russian, Japanese	
	Timer (Off / On)	No	
	Multi picture function	PIP (main) TV, Input1/ 2/ 3(480i), HDMI, RGB, (sub) TV, Input1/2	
	Wide Mode (Picture size)	(TV/Video)	4:3 Standard, Panoramic, 4:3 Zoom1/2, Full, 16:9 Zoom
		(PC)	Full (Auto adjust)
General	Power Requirement	AC100-240V, 50/60 Hz	
	Power consumption, Peak/ Stand-by	350W / <3W	
	Dimensions (W x H x D)	excluding Stand: 1036mm x 713mm x 121mm including Stand: 1035mmx775mmx330mm	
	Weight (Excluding/ Including Stand)	33.6kg / 41.1kg	
	Desk Stand (included)	Fixed Desk Stand (CMPAD42T - packed separately)	
	WxHxD / Weight	676mm x 247mm x 330mm / 7.5Kg	

Specifications subject to change without notice