

**HITACHI**  
Inspire the Next

FULL HD  
1080

高清強勢 今日擁有

日立PICTURE MASTER HD  
高清等離子電視機



42PD8900TA

A landscape photograph showing a vibrant green field in the foreground, sloping upwards towards the right. In the distance, there are rolling hills and mountains under a vast, deep blue sky filled with wispy white clouds. The overall scene is bright and clear, suggesting a high-quality digital image.

高清的天空,已為您打開...

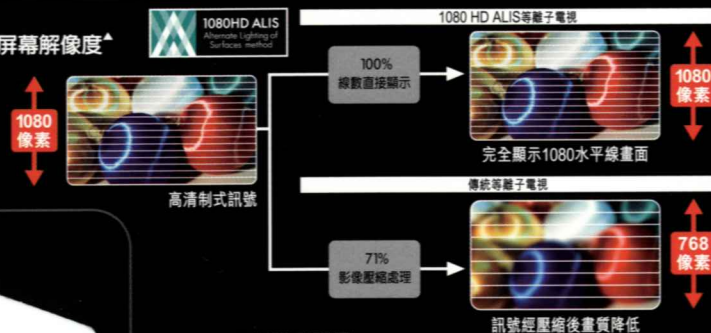
# 強勢 來自高清之最

首部42吋高清等離子電視機矚目誕生，昂然邁向高清影像新世界！日立42PD8900TA Picture Master HD 高清等離子電視機，配備全新Picture Master HD 數碼影像處理科技，率先採用Full HD 1080 高清屏幕，對應高清廣播，超強畫質全面發揮！



## ■ 1080 HD ALIS 高清等離子屏幕 世界最高42吋等離子屏幕解像度<sup>▲</sup>

日立最新推出世界首部高清1080等離子電視機，水平線數達1080全高清標準。完全呈現1080i數碼訊號，細緻畫質分毫不缺。再配合多項突破科技，令屏幕亮度、對比度及黑色層次感方面均帶來超高水準表現。



## ■ 動態MBP色彩過濾 色彩濃淡細緻

MBP(Multi Band Pass) 彩色濾波片令紅、綠、藍三原色及黑色濃度對比效果更純更高，加強黑色層次感的表現，深致分明；配合防反光塗層，能減少外來光線引致的反光現象，對比度增強，畫面更光亮。

## ■ 4,000:1 極強對比度

對比度再度提升，層次更分明，畫面更逼真。

## ■ 60,000小時超長壽屏幕<sup>▲</sup>

## ■ 更闊色域 展現更鮮艷紅色

大幅改善等離子顯示色域，展現鮮艷奪目的鮮紅色。



傳統屏幕色域有限



日立最新屏幕充分演繹亮麗奪目的鮮紅色

## ■ 1080全畫面顯示

1080 HD ALIS 高清屏幕對應1080i數碼訊號，完全顯示數碼全高畫面影像，不會因屏幕規格導致部份畫面被削減，盡享高清16:9 全景畫面。



屏幕顯示能力不足，畫面被裁減



完全顯示高畫全畫面

## ■ 世界最高亮度 1400cd/m<sup>2</sup><sup>▲</sup>

提升最高亮度，令畫面更亮麗清晰，色彩更奪目。



一般屏幕光亮度不足，顏色及質感偏暗



1080 HD ALIS 等離子屏幕充分表現紋理及質感，光位亮麗分明

## Higher than the Highest The ultimate High-Definition TV — Unveiling crystal-clear skies

Combining of all cutting edge technologies, this first-and-ever 42-inch plasma TV brings you to a brand new lifelike visual horizon! Simply the Master of Vision - the Hitachi 42PD8900TA Picture Master HD digital image pixel processing technology, Full HD 1080 panel and high-fidelity speaker system.

## ■ The dazzling Hitachi 1080 HD ALIS panel Truly deserves the title of the highest definition 42-inch plasma TV in the world<sup>▲</sup>

With infinite innovation and revolutionary technology, Hitachi introduces the first 42-inch 1080 high-definition plasma TV that engineers up to 1080 horizontal lines which conveys 1080i High-Definition signal, resulting in spectacularly vivid pictures. Further equipped with various breakthrough technologies, Hitachi's Picture Master HD is capable of delivering the ultra level of luminance, contrast, depth, as well as shades of black guaranteeing picture of astounding sharpness.

## ■ Full HD 1080 panel Expanding panoramic horizons

The high quality 1080 HD ALIS screen is designed specially to incorporate 1080i high-definition signal. This scintillating design eliminates the distortion caused by panel limits and transmits a superb clear and crisp vision giving you an absolute 16:9 wide-screen experience.

## ■ MBP colour filter for colour intensity tuning

The MBP (Multi-band Pass) colour filter enables greater contrast intensity of the three basic colours of red, green and blue, plus black, to be more effectively controlled, enhancing shades and contours of black, minimizing reflection shadows, reducing reflected images from extraneous light, boosting contrast and making the picture more brilliant in every way.

## ■ Unmatched spectrum Enhancing more brilliant reds

More effective colour control enables greater contrast between the primary colours and results in stunning reds, satisfying even the most discerning eye.

## ■ The world's highest luminance<sup>▲</sup>

Advancing the supreme luminance, it makes the picture brighter, sharper and gives even more amazing colours.

## ■ Ultimate contrast ratio of 4,000:1

Contrast has been further upgraded to an ideal level. Black shading becomes much intense bringing the viewer more startlingly sharp and lifelike pictures.

## ■ Super-long panel life extended to 60,000 hours<sup>▲</sup>

## 新世代Picture Master HD 高清演繹 絕色新領域

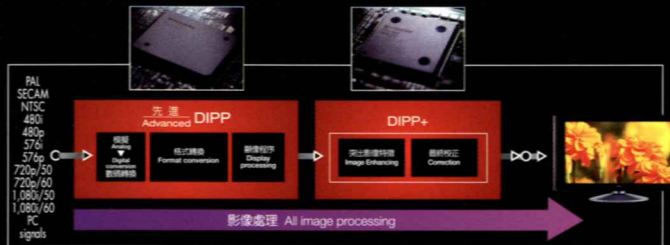
### ■ 高清影像處理科技 視覺享受再創高峰

全新Picture Master HD高清數碼影像處理科技，憑藉超強影像訊號運算能力，足以處理Full HD(1920 x 1080)像素畫面。配合1080 HD ALIS高清屏幕，高清影像全面演繹。由圖像分析配合高速運算程序，能自動測定平均及最高光亮度，加強黑色影像的層次感，展現更璀璨自然的色彩。



### ■ 先進DIPP及DIPP+影像處理器 斬露璀璨色彩

能有效把每個影像訊號解讀為屏幕最高顯現像素，營造更豐富的色彩、更細膩的畫質、更分明的光暗對比度。



▲ 全新Picture Master HD的數碼訊號處理程序 New digital signal processing of Picture Master HD

### ■ 全新影像識別技術 全面提升黑色演繹力

將影像特徵加以分析，加強影像黑色部份的層次感，深淺有致，突破黑色層次的表現力。



畫面欠層次感



色彩及明暗對比大幅提升

### ■ 超強影像分析表現 活現生動色彩

全新影像識別技術更可因應個別影像之色彩及光亮度，調節最佳色彩表現。令影像更細緻，在膚色演繹方面尤為出色，展現完美纖細的肌膚質感。識別技術更可因應個別影像之色彩及光亮度，調節最佳色彩表現。令影像更細緻，在膚色演繹方面尤為出色。



顏色對比未夠突出



色彩更鮮豔分明

## The new-era Picture Master HD produces effects to unrivalled levels

### ■ Picture Master HD redefines High Definition

Picture Master HD, the breakthrough in the visual experience with the ground-breaking digital-image processing technology and super image signal analyses, is able to process Full HD of 1920 X 1080 pixels. Further equipped with 1080 HD ALIS panel, Picture Master HD guarantees you to have remarkably stunning and spectacularly vivid visions. It features high-speed operation, enhances plasma TV colours to a superior level and automatically tests the average and peak luminance, improving black shading and generating natural colours in all their splendour.

### ■ Advanced DIPP and DIPP+ Image Processing Technology reveal true colours in all their glory

Effectively reads and analyses all image information as the panel's highest pixilation, producing much richer colours and more detailed picture quality with higher definition contrast.

### ■ Comprehensive Black Effects

Analyses image characteristics to improve black shading - a breakthrough in black light control.

### ■ Strengthens image analysis display brings vivid colour to life

Automatically adjusts the special characteristics of each image, allowing for optimum colouration and the best interpretation of skin colour tones and textures.

▲ 截至2006年4月4日 As of April 4, 2006  
 \* 根據日立公司之測試結果 According to test reports by Hitachi Co., Ltd  
 \* 根據2003-2005年GfK全港等離子電視機零售額  
 According to 2003 - 2005 GfK Hong Kong Plasma TV sales reports.



## 其他登峰強項

### ■ 兩組 HDMI 高解像多媒體終端

方便擴充視聽組合，確保音頻及視頻傳輸絲毫無損，締造完美可靠的影音質素。



### ■ 耗電量低

新世代 Picture Master HD 等離子電視機耗電量低，提供完美影像和震撼音色之餘，經濟省電又環保。

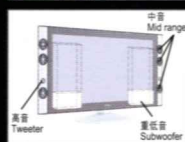
### ■ 相片輸入—SD 讀卡及 USB 連接埠

可直接連繫 SD 讀卡或與電腦兼容的數碼相機，以超高質素的電視畫面，觀賞相片連環播放。



### ■ 10 單元揚聲器系統

全機共有 10 個高質揚聲器（其中 2 個為 Subwoofer 重低音），再配合 BBE 音頻校正系統、數碼擴音器及 SRS WOW 超動感音響效果，感受更透徹圓潤、震撼感人的聲音演繹！



### ■ 內置麗音完全國際線路雙調諧器

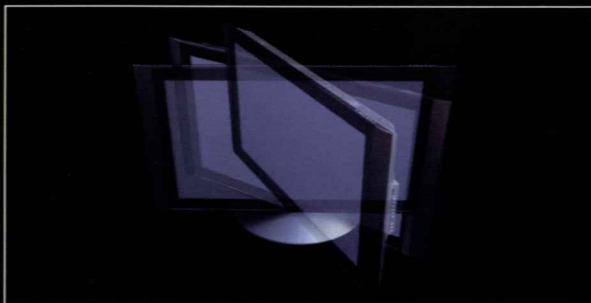
備有可同時接收兩組電視訊源的完全國際線路雙調諧器，讓您隨時盡情欣賞電視節目。

### ■ 遙控旋轉機座

業界首創的等離子電視機遙控旋轉座機架，可左右 30° 轉動。

### ■ 最佳視聽距離坐享最富臨場感視聽效果

屏幕高度的 3 倍，為欣賞日立 Picture Master HD 等離子電視機的最佳距離，讓您享受最富臨場感的影音效果。



▲ 遙控旋轉座機架可左右 30° 轉動

Remote-control Swivel Stand enables you to swivel the screen 30° to left or right

## Additional High-end Features

### ■ Two HDMI High-Definition Multimedia Terminals



Strengthens the coincidence of image and sound, ensuring no deviation between the sound and image frequency, and produces a totally perfect and reliable image.

### ■ Low Power Consumption

Picture Master provides not only an impressive audio and visual performance but also an economic and environmental friendly enjoyment.

### ■ Photo Player - SD Memory Card and USB Connection Port

Insert SD Card or connect to PC-compatible digital camera to view your super high-quality images.

### ■ 10-unit Speaker System

The unit conceals a total of 10 high-quality speakers (36W, including 2 subwoofer), utilizing BBE frequency-adjusted system, digital amplifier. Incorporates subwoofer output terminals complementing SRS WOW reverberation effects for more dynamic all-round sound quality!

### ■ Built-in Full Multi-System Twin Tuner

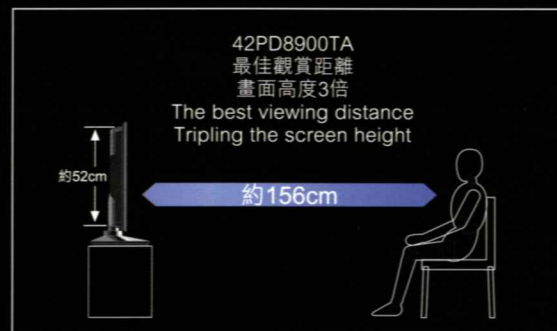
The Plasma TV incorporates a Built-in Full Multi-System Twin Tuner, operating both PAL and NTSC system, for maximum enjoyment of TV programming.

### ■ Remote-control Swivel Stand

Industry-first plasma TV remote-control swivel stand, move 30° left and right.

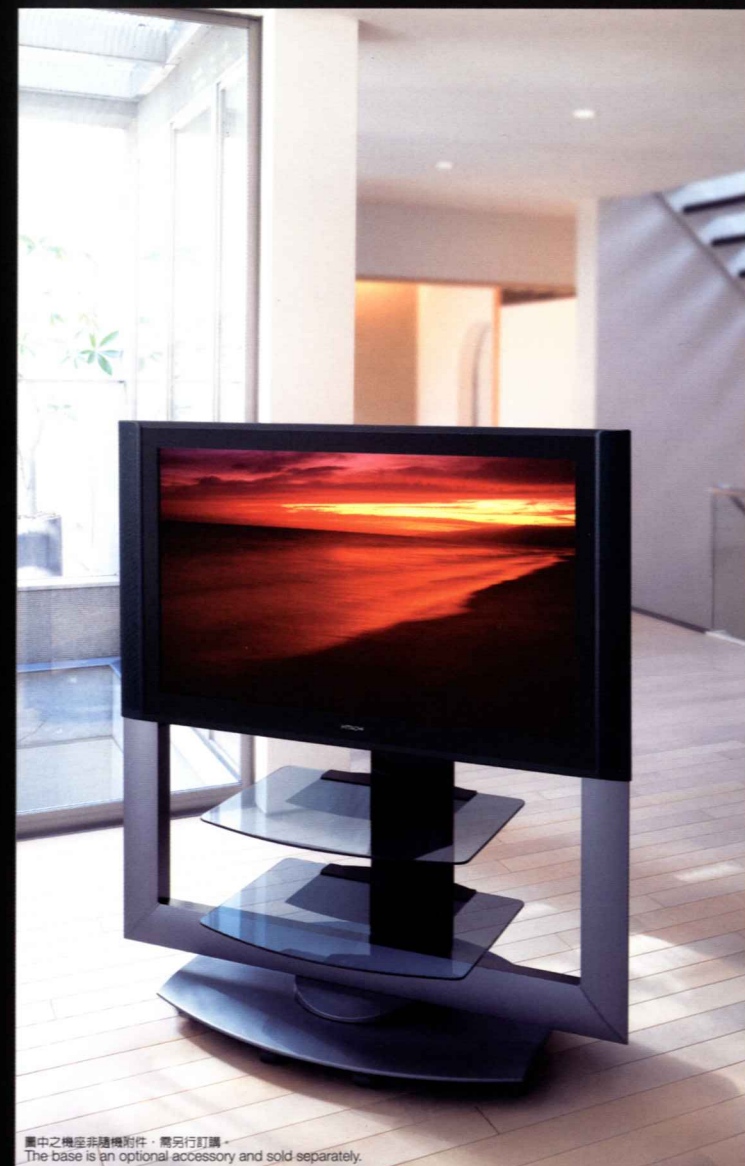
### ■ The best Viewing Distance

Enjoy the best viewing distance that is tripling the screen height, where Hitachi Picture Master HD can provide you an optimum visual experience.



▲ 屏幕高度約 52cm x 3 = 最佳視聽距離

The best viewing distance = 3 x screen height (52cm)



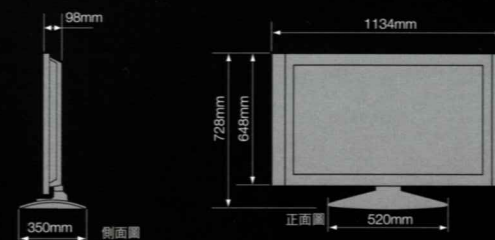
▲ 圖中之機座非隨機附件，需另行訂購。  
The base is an optional accessory and sold separately.

# 日立高清等離子電視機規格 Hitachi HD Plasma TV Specifications

型號 Model	42PD8900TA	
影像 Visual	有效顯示尺寸 Effective Display Area (毫米 mm)	922 x 524
	橫直比 Aspect Ratio	16 : 9
	像素 Pixels	1,024 x 1,080
	屏幕 Panel	1080 HD ALIS
	點距 Pixel Pitch	水平 Horizontal 0.90 mm 垂直 Vertical 0.485 mm
	色彩 Colours	686億 68.6 billions
	屏幕亮度 Panel Luminance	1,400cd/m <sup>2</sup>
	對比度 Contrast Ratio	4,000 : 1
	灰度 Gray Level	1024
	水平 / 垂直觀賞角度 Horizontal / Vertical Viewing Angle	不限 Free
一般規格 General	電源 Power Supply	AC100-240V
	頻率 Frequencies	50 / 60Hz
	電力消耗 Power Consumption	370W
	電力備用 Power Standby	< 3W
	屏幕淨重 (公斤) Net Weight of Panel (kg)	37.7 (不連機座) 43.4 (連機座)
畫面 Picture	梳型濾波器 Comb Filter	3D Y/C
	減少噪音干擾 Noise Reduction	有 Yes
	亮度 / 顏色瞬時改善 / 黑色增加 LTI / CTI / Black Enhancement	有 Yes
	畫面模式 Picture Mode	3 (動感 / 自然 / 影院 Dynamic / Natural / Cinema)
	白色平衡 White Balance	4 (冷色 / 常態 / 暖色 / 黑-白 Cool / Normal / Warm / Black & White)
	屏幕功能 Screen Function	5 (全景 / 縮放 / 影院 / 完整 / 4:3 Panoramic / Zoom / Cinema / Full / 4:3)
	動態對比功能 Dynamic Contrast	有 Yes - Picture Master HD
	數碼色彩處理 Digital Colour Management	有 Yes - Picture Master HD
	電影模式 Film Theater	有 Yes
	影像識別技術 Image Recognition Technology	有 Yes - Picture Master HD
	數碼影像處理器 Digital Image Pixel Processor	Picture Master HD (Advanced DIPP + DIPP+)
	多畫面畫中畫功能 Multi-window Function	有(畫中畫、2格、4格、12格) Yes (PinP, Split, 4,12)
聲頻 Audio	數碼擴音器 Digital Amplifier	有 Yes (全數碼音響 Full Digital Sound)
	環迴立體聲 Surround Sound	SRS WOW
	自動音量調整 Auto Volume Leveling	有 Yes (完美音量 Perfect Volume)
	聲音模式 Sound Mode	4 (電影 / 音樂 / 對白 / 常用 Movie / Music / Speech / Favourite)
	音效輸出 RMS Output	36W (10 speakers)
	超低音輸出 Sub Woofer Out	有 Yes
	BBE 校正 BBE Correction	有 Yes
	AV 輸出 (顯示屏輸出) AV Output (Monitor Out)	1 (CVBS + L/R) : RCA pin
	AV 輸出 (頭戴式耳機) AV Output (Head phone)	有 Yes
	聲音 Nicam / A2	有 Yes



型號 Model: 42PD8900TA  
機座型號 Stand Model: SD8G4237



輸入制式 Input Signal	視頻訊號 Video Signal	PAL / SECAM / NTSC3.58 / NTSC4.43 / PAL-60 / PAL-M / PAL-N
	色差訊號 Component Signal	480i/p, 576i/p, 720p (50/60Hz), 1080i (50/60Hz)
	HDMI 輸入 (2組) HDMI Signal (2 sets) 視頻模式 Video mode	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), VGA
	Analog RGB 訊號 Analog RGB Signal	VGA-UXGA (15kHz, 30 to 106kHz, 50Hz to 85Hz)
輸入訊號及端子 Signal Input / Terminals	RGB輸入 RGB Input	RGB : mini D-sub 15P Audio : Stereo mini jack
	控制端子 Control Terminal	RS-232C; D-Sub 9 pin
	相片輸入 Photo Input	USB連接埠及SD卡插口 USB Terminal & SD Card Slot
	視頻輸入 Video Input	Video 1 (CVBS/Y, Pb, Pr) + (L, R): RCA pin Video 2 (CVBS/Y, Pb, Pr) + (L, R): RCA pin Video 3 (CVBS, S-video) + (L, R): RCA pin Video 4 (CVBS) + (L, R): RCA pin Video 5 (CVBS, S-video) + (L, R): RCA pin HDMI 1 (Video) HDMI 2 (Video) + 3.5mm Stereo Mini Jack
操作 Operation	遙控旋轉機座 Remote-controlled Swivel Stand	有 Yes
	語言螢幕顯示 OSD Languages	英文 / 繁體及簡體中文 / 俄文 / 日文 English / T & S Chinese / Russian / Japanese
	時間器 Timer	有 Yes
	屏幕保護功能 Screen Saver	有 Yes
調頻系統 Tuning System	屏幕擦拭 Screen Wipe	有 Yes
	雙調諧器 Twin Tuner	有 Yes
	完全國際線路 Full multi-system	有 Yes
	接收制式 System of Reception	有 Yes
射頻 RF : W-V / U tuner		
NTSC-M		
SECAM B, G / D, K / K1		
PAL B, G, H / I / D, K		
視頻 Video : PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL 60,		
PAL-N, PAL-M		
色差視頻 : 480 i/p, 576 i/p, 720p (50/60),		
Component Video 1080i (50/60)		

\* 等離子電視機屬高度精密的產品，螢幕會存有少數不放光點及長期放光點，此乃正常現象並非產品缺陷。 \* 所有電視畫面均為模擬畫面。 \* 上述規格和設計如有變更，恕不另行通知。 \* 由於印刷關係，產品顏色可能與實物略有不同。

\* Due to advanced technology of Plasma TV, some parts of the screen may not light, while in other parts dots will always light. This is normal and is not a malfunction. \* All TV pictures are simulated. \* Specifications & design are subject to change without notice. \* The colours of products shown are approximate and may differ from the actual colours.