

PLASMA

HD INTEGRATED MODELS

MODEL	50PD960DTA	42PD960DTA	42PD900DTA
PICTURE			
Effective display area (HxV)mm	1,106 x 626.4 (1271 diagonal)	922 x 522 (1059 diagonal)	922 x 522 (1059 diagonal)
Aspect ratio	16 : 9	16 : 9	16 : 9
Number of pixels (HxV)	1,280 x 1,080	1,024 x 1,080	1,024 x 1,080
Pixel pitch (HxV)mm	0.864 x 0.580	0.90 x 0.485	0.90 x 0.485
Panel brightness (at white peak) cd/m2	1300	1400	1400
Typical contrast ratio (panel)	10,000:1	10,000:1	10,000:1
TUNER			
DVB High Definition Tuner integrated	Yes	Yes	Yes
Analogue Tuner Integrated	Yes	Yes	Yes
Analogue RF reception	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)
Analogue RF Audio reception	A2/NICAM	A2/NICAM	A2/NICAM
VIDEO FORMATS			
Video signal	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL
Component signal	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	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, 1080p	480i/p, 576i/p, 720p(50/60), 1080i(50/60), VGA, 1080p	480i/p, 576i/p, 720p(50/60), 1080i(50/60), VGA, 1080p
Analogue RGB signal	VGA-SXGA (fH:30 to 64kHz, fV:60Hz to 70Hz)	VGA-SXGA (fH:30 to 64kHz, fV:60Hz to 70Hz)	-
INPUT & OUTPUTS			
Total number of connectable video sources	6	6	6
VIDEO CONNECTION CONFIGURATIONS			
Front or side input	Front	Side	Side
Composite video with analogue audio (RCA)	3 + (1 front)	3 + (1 side)	3 + (1 side)
S video with analogue audio (RCA)	1 + (1 front)	1 + (1 side)	1 + (1 side)
Component video with analogue audio (RCA)	2	2	2
HDMI input	2	2	2
Analogue audio for HDMI/DVI (RCA)	1	1	1
OTHER CONNECTIONS			
USB photo	-	Yes	-
SD card slot	-	Yes	-
RGB analogue (PC input)	RGB : Mini D-sub 15P	RGB : Mini D-sub 15P	-
Headphone socket (3.5mm)	yes	yes	yes
A/V output	1 x Composite video with analogue audio (RCA)	1 x Composite video with analogue audio (RCA)	1 x Composite video with analogue audio (RCA)
Subwoofer output (RCA)	yes	yes	yes
SOUND			
Surround sound	SRS WOW	SRS WOW	SRS WOW
Automatic volume level	yes	yes	yes
Sound modes	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)
Audio power	20W	36W	36W
PICTURE ASPECT MODES			
TV/Video (input signal dependent)	Panoramic 1 / 2, Zoom, Cinema, Full, 4:3, Full 1080	Panoramic 1 / 2, Zoom, Cinema, Full, 4:3, Full 1080	Panoramic 1 / 2, Zoom, Cinema, Full, 4:3, Full 1080
PC	Full, Normal, Zoom	Full, Normal, Zoom	Full, Normal, Zoom
OTHER FUNCTIONS			
On / Off timer	Yes	Yes	Yes
Picture in Picture	-	Yes	-
Teletext	1000 page	1000 page	1000 page
REMOTE CONTROL FUNCTIONS			
Multi Brand control for DVD	Yes	Yes	Yes
One touch input switching	Yes	Yes	Yes
Power swivel base	-	Yes	-
GENERAL			
Dimensions excluding stand (WxHxD)mm	1240x836x105	1134x648x109	1134x648x109
Dimensions including stand (WxHxD)mm	1240x900x423	1134x713x365	1134x713x365
Weight excluding stand (kg)	40.7	35.7	35.4
Weight including stand (kg)	46.5	41.6	40
Power supply	240V (50Hz)	AC 240V (50Hz)	AC 240V (50Hz)
Power consumption	480W	380W	380W
Power consumption standby mode	<1W	<1W	<1W

PLASMA

HD READY MODELS

MODEL	55PD8800TA	50PD9800TA	42PD9500TA
PICTURE			
Effective display area (HxV)mm	1230 x 692 (1412 diagonal)	1,106 x 626.4 (1271 diagonal)	922 x 522 (1059 diagonal)
Aspect ratio	16 : 9	16 : 9	16 : 9
Number of pixels (HxV)	1366 x 768	1,280 x 1,080	1,024 x 1,080
Pixel pitch (HxV)mm	0.9 x 0.9	0.864 x 0.580	0.90 x 0.485
Panel brightness (at white peak) cd/m ²	1000	1300	1400
Typical contrast ratio (panel)	10,000:1	10,000:1	10,000:1
TUNER			
DVB High Definition Tuner integrated	-	-	-
Analogue Tuner Integrated	Yes	Yes	Yes
Analogue RF reception	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)	(NTSC-M) (SECAM B/G/D/K1) (PAL B,G,H/I/D,K)
Analogue RF Audio reception	A2/NICAM	A2/NICAM	A2/NICAM
VIDEO FORMATS			
Video signal	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL	PAL, SECAM, NTSC3.58, NTSC4.43, PAL60, N-PAL, M-PAL
Component signal	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	480i/p, 576i/p, 720p(50/60), 1080i(50/60)	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	480i/p, 576i/p, 720p(50/60), 1080i(50/60), VGA, 1080p	480i/p, 576i/p, 720p(50/60), 1080i(50/60), VGA, 1080p
Analogue RGB signal	VGA-UXGA (15kHz, 30 to 106kHz, 50Hz to 85Hz)	VGA-SXGA (fH:30 to 64kHz, fV:60Hz to 70Hz)	-
INPUT & OUTPUTS			
Total number of connectable video sources	6	6	6
VIDEO CONNECTION CONFIGURATIONS			
Front or side input	Side	Front	Side
Composite video with analogue audio (RCA)	3 + (1 side)	3 + (1 front)	3 + (1 side)
S video with analogue audio (RCA)	1 + (1 side)	1 + (1 front)	1 + (1 side)
Component video with analogue audio (RCA)	2	2	2
HDMI input	2	2	2
Analogue audio for HDMI/DVI (RCA)	1	1	1
OTHER CONNECTIONS			
USB photo	yes	-	-
SD card slot	yes	-	-
RGB analogue (PC input)	RGB : Mini D-sub 15P	RGB : Mini D-sub 15P	-
Headphone socket (3.5mm)	yes	yes	yes
A/V output	1 x Composite video with analogue audio (RCA)	1 x Composite video with analogue audio (RCA)	1 x Composite video with analogue audio (RCA)
Subwoofer output (RCA)	yes	yes	yes
SOUND			
Surround sound	SRS WOW	SRS WOW	SRS WOW
Automatic volume level	yes	yes	yes
Sound modes	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)	4 (Movie, Music, Speech, Favourite)
Audio power	36W	20W	36W
PICTURE ASPECT MODES			
TV/Video (input signal dependent)	Panoramic, Zoom, Cinema, Full, 4:3	Panoramic 1 / 2, Zoom, Cinema, Full, 4:3, Full 1080	Panoramic 1 / 2, Zoom, Cinema, Full, 4:3, Full 1081
PC	Full, Real, zoom 1,2,3	Full, Normal, Zoom	Full, Normal, Zoom
OTHER FUNCTIONS			
On / Off timer	Yes	Yes	Yes
Picture in Picture	Yes	-	-
Teletext	100 page	1000 page	1000 page
REMOTE CONTROL FUNCTIONS			
Multi Brand control for DVD	Yes	Yes	Yes
One touch input switching	Yes	Yes	Yes
Power swivel base	Yes	-	-
GENERAL			
Dimensions excluding stand (WxHxD)mm	1510x840x105	1240x836x105	1134x648x109
Dimensions including stand (WxHxD)mm	1510x933x450	1240x900x423	1134x713x365
Weight excluding stand (kg)	61.8	40.7	34.8
Weight including stand (kg)	73.3	46.5	39.4
Power supply	AC 100 -240V (50/60Hz)	AC110V-240V (50/60Hz)	AC 110 -240V (50/60Hz)
Power consumption	480W	470W	370W
Power consumption standby mode	<3W	<1W	<1W