

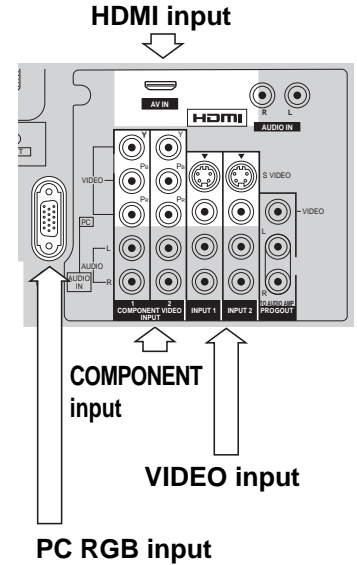
VIDEO/COMPONENT/HDMI input signals

VIDEO input

	signal name	horizontal frequency (kHz)	vertical frequency (Hz)
1	NTSC	15.73	59.94

Applicable input signals (* mark)

	signal name	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	PC	HDMI
1	525 (480) /60i	15.73	59.94	*		*
2	525 (480) /60p	31.47	59.94	*		*
3	750 (720) /60p	45.00	59.94	*		*
4	1,125 (1,080) /60i	33.75	59.94	*		*
5	640 x 400 @70	31.47	70.08		*	
6	640 x 480 @60	31.47	59.94		*	
7	Macintosh13" (640 x 480)	35.00	66.67		*	
8	640 x 480 @75	37.50	75.00		*	
9	852 x 480 @60	31.47	59.94		*	
10	800 x 600 @60	37.88	60.32		*	
11	800 x 600 @75	46.88	75.00		*	
12	800 x 600 @85	53.67	85.08		*	
13	Macintosh16" (832 x 624)	49.73	74.55		*	
14	1,024 x 768 @60	48.36	60.00		*	
15	1,024 x 768 @70	56.48	70.07		*	
16	1,024 x 768 @75	60.02	75.03		*	
17	1,024 x 768 @85	68.68	85.00		*	
18	Macintosh 21" (1,152 x 870)	68.68	75.06		*	
19	1,280 x 1,024 @60	63.98	60.02		*	
20	1,366 x 768 @60	48.36	60.00		*	



Note: Signals without above specification may not be displayed properly.

Specifications

	TH-42PX500U	TH-50PX500U
Power Source	AC 120 V, 50/60 Hz	
Power Consumption		
Maximum	410 W	535 W
Stand-by condition	0.6 W (with CableCARD™; 23.0 W)	0.6 W (with CableCARD™; 23.0 W)
Plasma Display panel	Drive method : AC type 42-inch, 16 : 9 aspect ratio	
Screen Size (W × H × diagonal)	36 7/32" (920 mm) × 20 25/64" (518 mm) × 41 9/16" (1,056 mm)	43 35/64" (1,106 mm) × 24 31/64" (622 mm) × 49 61/64" (1,269 mm)
Dimensions (W × H × D)	44 51/64" (1,138 mm) × 28 47/64" (730 mm) × 5 7/16" (138 mm)	52 1/4" (1,327 mm) × 33 3/16" (843 mm) × 5 7/16" (138 mm)
Mass (Weight)	88.2 lb. (40 kg)	114.6 lb. (52 kg)
Channel Capability-ATSC/NTSC	VHF/ UHF : 2-69, CATV:1-135	
Sound		
Speaker	Woofer √3 5/32" (80mm) × 2, Tweeter 5/8" (16 mm) × 2 7/8" (73 mm) × 4	
Audio Output	26 W [8 W + 8 W, 5 W + 5 W] (10 % THD)	
FEATURES	3D Y/C FILTER CLOSED CAPTION BBE VIVA 3D	HDMI V-Chip Photo Viewer Cable CARD™ Slot Split-Screen TV GUIDE
Accessories Supplied	Remote control: EUR7627Z50 or EUR7627Z80 AA Battery × 2 AC Cord	F-type antenna adapter (5C-2V × 1) IR Blaster Ferrite cores: large × 1, small × 5 (gray × 1, white × 4) Pedestal Cable clumper × 2
Operating Conditions	Temperature : 32 °F - 104 °F (0 ° - 40 °C)	Humidity : 20 % - 80 % (non-condensing)
Connection Terminals		
AV INPUT 1- 3	VIDEO (Phono Jack Type) S-VIDEO (Mini DIN 4-pin) AUDIO L-R (Phono Jack Type × 2)	1.0 Vp-p (75 K) Y : 1.0 Vp-p (75 K), C : 0.286 Vp-p (75 K) 0.5 Vrms
AV PROG. OUT	VIDEO (Phono Jack Type) AUDIO L-R (Phono Jack Type × 2)	1.0 Vp-p (75 K) 0.5 Vrms
COMPONENT VIDEO	Y	1.0 Vp-p (including synchronization)
INPUT1-2	PB / PR AUDIO L-R (Phono Jack Type × 2)	± 0.35 Vp-p 0.5 Vrms
HDMI	HDMI type A Connector AUDIO L-R (Phono Jack Type × 2)	0.5 Vrms
DIGITALAUDIO OUT	PCM / Dolby Digital, Fiber Optic	
RGB input	D-SUB 15pin	R,G,B / 0.7 Vp-p (75 K) HD, VD / 1.0 - 5.0 Vp-p (high impedance)
AUDIO L-R		M3 (3.5 mm) Jack × 1
IR Blaster	G-LINK	M3 (3.5 mm) Jack × 1

Note: Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.