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TH-50PF50U

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TH-50BT300U

TH-42BT300U

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TH-50PF50U

50 inch class 3D-Ready, full-HD display with NeoPlasma technology that offers dynamic color and superior 2D motion imaging. The NeoPlasma panel with fast switching phosphors provides the clearest 2D and 3D images ever. The TH-50PF50U can also display presentations, images and web pages wirelessly from a PC, Mac or iOS device.



Overview	Specs	Accessories	Resources
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SPECS

3D
Accessories
Why Panasonic
Professional vs.
Consumer Displays
3D Technology
Case Studies

UPC Code:	885170077560
Display:	
Screen Size:	49.9-inch (1057mm)
Panel:	Plasma
Aspect Ratio:	16:9
Effective Display Area (WxH):	43.5" x 24.5" (1105 x 622mm)
Resolution (HxV):	1920 x 1080 pixels (1 pixel=3 cells for R,G and B)
Pixel Pitch (H x V):	.480 x .480mm
Contrast Ratio:	5000000 : 1
Viewing Angle:	178 degrees
Gradation:	6144 steps
Panel Life:	approx. 100,000 hours 1
Full HD 3D:	Full HD 3D Ready ²
CONNECTION TERMINAL:	
Video In:	BNC x 1
AUDIO IN (L/R):	RCA x 1 set
COMPONENT/RGB IN:	BNC x3
HDMI IN:	HDMI Type A Connector x 1
DVI-D in:	24pin x 1
PC In:	MINI D-SUB 15PIN x1 (Female)
Audio In:	M3 jack x 1
AUDIO OUT (Analog):	RCA Pin x 2 (L/R)
Wireless I/F:	Wireless Module (ET-WM200) x 1
Function Slot:SLOT 2.0:	1 (Vacant)
Control Terminal:	Definition
LAN:	D-SUB 9 pinx 1 (SERIAL IN) RS-232C Compatible
Serial Port:	D-SUB 9 pinx 1 (SERIAL IN) RS-232C Compatible
3D Shutter Out:	M3 jack x 1 (for 3D IR Transmitter)
DC 8V out for 3D IR Transmitter:	Center Plus for EIAJ 4mm plug
Electrical:	Definition
Power Requirements:	110-127 V AC, 50Hz/60Hz

Power Consumption:	480W
On Mode Average Power Consumption:	approx. 151W ³
Stand-by condition:	0.2 W
MECHANICAL:	
Display only (WxHxD):	47.7 " x 28.5 " x 3.5 " (1210 mm x 724 mm x 89 mm)
Carton Dimensions(WxHxD):	54.5" x 32.9" x 11.2" (1385 x 836 x 284 mm)
Weight:	72.8 lb. (33 kg)
Gross Weight:	92.6 lbs. (42.0 kg)
Cabinet Color:	Black
Operation Environment:	
Operation Environment Temperature:	32°F to 104°F(0 to 40 degrees) ³
Operation Environment Humidity(Non condensation):	20% to 80% (Non condensation)
Operation Environment Altitude:	0 to 9,100 feet (0 to 2,800 m)
Storage Environment:	
Storage Environment Temperature:	-4°F to 140°F (-20 to 60 degrees)
Storage Environment Humidity(Non condensation):	20% to 90% (Non condensation)
Storage Environment Altitude:	0 to 10,800 feet (0 to 3,300 m)
Included Accessories:	
	AC Cord Operating Instructions Book Remote Control Batteries
OPTIONAL ACCESSORIES:	
Pedastal Stand:	TY-ST42P50
Wall Hanging Bracket:	TY-WK42PV20
Wall Hanging Bracket (angled):	TY-WK42PR20
Ceiling Mount:	TY-CE42PS20
Mobile Stand:	TY-ST58PF20
HD-SDI:	TY-FB9HD
HD-SDI with Audio:	TY-FB10HD
Dual Link HD-SDI:	TY-FB11DHD
Dual HDMI:	TY-FB10HMD
BNC Dual Video:	TY-FB9BD
DVI-D:	TY-FB11DD
MATE-IF:	TY-FB11HB
3D IR Transmitter:	TY-3D30TRW
Wireless Module:	ET-WM200U
East Wireless Stick:	ET-UW100U
Touch Panel for 42":	TY-TP42P30K
Anti-Glare Filter for 42":	TY-AR42P12W
Plug-in PC:	PLUGTHA54
STANDARD (CERTIFICATIONS):	
SAFETY REGULATIONS:	UL60065, CAN/CSA-22.2 No60065:03
RADIATION REGULATIONS:	FCC Part 15 Class-B, ICES-003
Energy StarDisplays 5-1:	Yes
Footnotes:	<p>1 An approximate time until the panel brightness decreases to half of its original value.</p> <p>2 An optional 3D IR Transmitter and 3D Eyewear are required for viewing 3D images</p> <p>3 Based on IEC 62087 Ed.2 measurement method.</p> <p>*Specifications are subject to change without notice.</p>

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