



Televisions Full HD/HD TVs

## LED TV TH-50FS500Z

Picture Quality	Display	Panel	LED LCD
		Bright Panel	Super Bright Panel
		Screen Resolution	1,920 (W) x 1,080 (H)
		Panel Drive	100 Hz MRR
		Picture Mode	Dynamic/Normal/Cinema/True Cinema/Custom
		Signal Processor	—
		Hexa Chroma Drive	Hexa Chroma Drive
		Vivid Digital Pro	—
		4K Upscaling	—
		Ultra HD Premium*1	—
		Multi HDR Support*2	HDR10,HLG
		Dynamic Scene Optimiser	—
		Pixel Dimming	—
		Local Dimming	—
		Adaptive Backlight Dimming	Y
		Noise Reduction	Y(Dot Noise)
THX Certified Display*3	—		
4K Pure	—		

		Direct	
		isf Mode	—
	Sound Quality	Surround	Cinema Surround
		Speakers	Open Bottom (Full Range) x 2
		Speaker Output	10 W (5 W x 2)
		Sound Mode	Standard/Music/Speech/Stadium/User
Smart Features	Smart TV		Y
	my Home Screen		Y (3.0)
	Voice Interaction	Voice Interaction	—
		Voice Guidance	Y
	EPG		SI, 7 days
	On Screen Display Menu Languages		English
	Unique Processing Engine		Dual Core
	Wireless LAN Built-in		Y
	Panasonic Media Center (App)	Panasonic Media Center (App)	—
		TV Anytime*4	—
	USB-HDD Recording		Y
	Panasonic TV Remote Apps	Panasonic TV Remote Apps	Y
		Swipe & Share	Y
Smart Calibration		—	
Internet Apps	Internet Apps	Y	
	Web Browser*5	Y	
Hbb TV		Y	

	Mirroring	Y (Easy)	
	DLNA*6	Y (DTCP-IP/DMP/DMR/DMS)	
	Bluetooth*7	—	
	Bluetooth Audio Link	—	
	Media Player	Media Player	
		Support Format	
		AVI/HEVC/MKV/WMV/MP4/M4v/FLV/3GPP/VRO/VOB/TS/PS, MP3/AAC/WMA Pro/FLAC/WAV, JPEG	
	Double USB Sharing	Y	
	Teletext Reception	1000P	
	Multi Window	PAT	
	Hotel Mode	Y	
	VIERA Link	Y	
Energy Data	Visible Screen Size (diagonal)	126 cm	
	Rated Power Consumption	0.63 A	
	Standby Power Consumption	0.50 W	
	Power Supply	AC 220 - 240 V, 50/60 Hz	
	Ambient Sensor	Y	
Design	Design Concept	—	
Terminal	Twin HD Tuner	—	
	Digital Tuner Reception	DVB-T/DVB-S	
	Analogue Tuner	4-System (PAL/NTSC/M-NTSC/PAL-60)	
	HDMI	HDMI*9	3 (rear)
		HDMI (4K 60/50p with HDCP2.2)	—
Support		Audio Return Channel (Input 2)	

	Feature	
	USB	2 (2 side; USB 2.0 x 2)
	LAN Port	1
	SD Card	—
	Component Video Input shared with Composite	RCA phono type x 1 (rear)
	Composite Video Input	RCA phono type x 1 (rear)
	Digital Audio Output (Optical)	1 (rear)
	Analogue Audio Output	—
	Headphone Output	1 (side)
GENERAL	Included Accessory*10	TV Remote
	Dimensions (W x H x D) (w/o stand)	1126 X 654 X 56 mm
	Dimensions (W x H x D) (with stand)*11	1126 X 704 X 226 mm
	Weight (w/o stand)	14.0 kg
	Weight (with stand)	14.5 kg
	VESA Compatible	Y
NOTE	<p>*1 Ultra HD Premium™ logo is a trademark of the UHD Alliance, Inc. *2 All models: Supporting HDR does not increase the peak brightness capabilities of the TV panel. Full HD &amp; HD models: The ability to send a non 4K HDR signal via HDMI depends fully on the playback device. The majority of 4K Blu-ray discs require HDCP2.2 on TV to play back HDR, whereas the HDMI input on this TV support only HDCP1.4; accordingly not all HDR contents are guaranteed to be enjoyed on the TV. *3 THX and the THX logo are trademarks of THX Ltd. which are registered in some jurisdictions. The THX 3D logo is a trademark of THX Ltd. All rights reserved. *4 Due to network conditions or certain broadcaster restrictions, this function may not be available. *5 The Web Browser cannot display some web pages correctly. And viewable contents by VIERA Web Browser are subject to the following conditions; - viewable contents may vary depend on models, - viewable contents may differ from those for PC, - viewable contents may be limited. *6 DLNA, the DLNA Logo and DLNA CERTIFIED are trademarks, service marks, or certification marks of the Digital Living Network Alliance. *7 HID (Human Interface Device Profile) compliant keyboards are available. A2DP (Advanced Audio Distribution Profile) compliant audio devices are available. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is</p>	

under license. \*8 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format). \*9 The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. \*10 Not all the accessories are listed here. \*11 Dimension with recommended pedestal style.

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