



## Hochwertiger TIVO Smart TV mit atemberaubender Bildqualität

**S45A**  
**S40A** **SERIE**

LED FHD / HD TV

**40"** TB-40S45AEZ | 40" (100 cm)  
EAN 5025232964918

**32"** TB-32S40AEZ | 80 cm / 32 inches  
EAN 5025232964871

**24"** TB-24S40AEZ | 60 cm / 24 inches  
EAN 5025232964857

Die Panasonic S45A / S40A-Serie bietet hochwertige Smart TVs powered by TIVO. Als eines der ersten TV-Modelle mit TIVO-Betriebssystem vereinen sie scharfe, kontrastreiche Bilder und kraftvollen Klang mit smarten Funktionen. Die intuitive Benutzeroberfläche mit branchenführender Sprachsteuerung ermöglicht den Zugriff auf alle wichtigen Content-Apps, Mediatheken und Streaming-Anbietern. Fernsehsendungen, Filme und Spiele werden dank der HD Colour Engine in natürlichen Farben zum Leben erweckt. Für einen guten Stereoklang mit hoher Sprachverständlichkeit sorgt das Surround Soundsystem. Ein spezieller Game Mode mit niedriger Latenz ermöglicht superschnelle Reaktionen. Diese Empfangsprofis sind kompromisslos smart.

**LED** – Scharfe und kontrastreiche Bilder dank leistungsfähigem Display und heller Hintergrundbeleuchtung

**HD Colour Engine** – Fernsehsendungen, Filme und Spiele werden durch natürliche Farben zum Leben erweckt

**Surround Sound** – Satte Bässe und präzises Klangbild, das Sie ins Filmgeschehen versetzt

**USB Media Player** – Einfacher Zugriff auf persönliche Inhalte, die auf USB gespeichert sind

**HDR** – Unterstützt die HDR -Formate HDR10 und HLG

**TIVO TV** – Intuitive Bedienung mit Sprachsteuerung und Empfehlungen zu individuellen Inhalten

**FULL**  
**HD**  
**HD**



SURROUND  
SOUND



MEDIA  
PLAYER

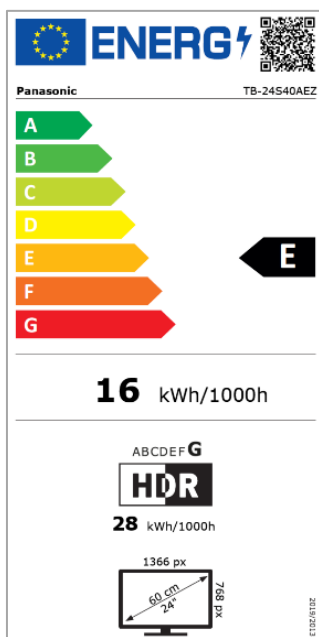
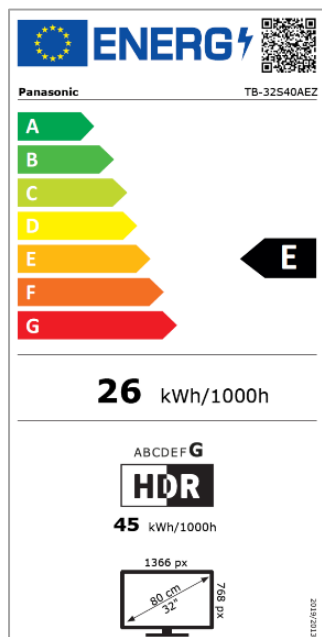
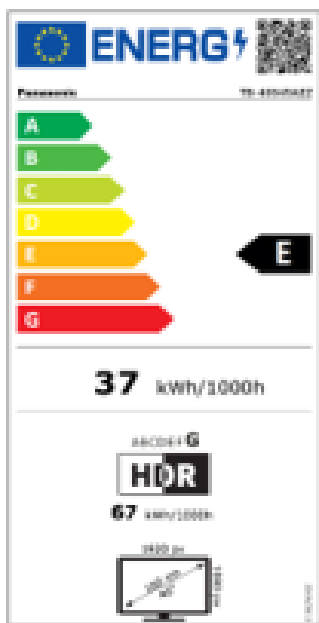


GAME  
MODE



Dolby  
VISION HLG

S45A / S40A Serie	TB-40S45AEZ	TB-32S40AEZ	TB-24S40AEZ	
<b>Bild</b>	Panel-Technologie	2K LCD	2K LCD	2K LCD
	Bildschirmauflösung (B x H)	Full HD/1,920 x 1,080	HD Ready/1,366 x 768	HD Ready/1,366 x 768
	Bildwiederholfrequenz	60Hz	60Hz	60Hz
	Smooth Motion Drive Pro	—	—	—
	Multi HDR Support*2	HDR10/HLG	HDR10/HLG	HDR10/HLG
	Dimming/Kontrast	High Contrast	High Contrast	High Contrast
	Farbraum	—	—	—
	Dolby Vision IQ	—	—	—
	HDR10+ Adaptive	—	—	—
	Filmmaker Mode	—	—	—
	Processor/Engine	HD Colour engine	HD Colour engine	HD Colour engine
	Auto AI für Bilder	—	—	—
	Bild-Modus	Natural, Dynamic, Cinema, Sport, Game	Natural, Dynamic, Cinema, Sport, Game	Natural, Dynamic, Cinema, Sport, Game
	isf Mode	—	—	—
Calman READY	—	—	—	
<b>Klang</b>	Dolby Atmos	—	—	—
	Surround	Surround Sound	Surround Sound	Surround Sound
	Ausgangsleistung	16 W (8 W x 2)	12 W (6 W x 2)	5 W (2,5 W x 2)
	Auto AI für Klang	—	—	—
<b>Smarte Funktionen *1</b>	Sound-Modus	Smart, Movie, Music, News, Off	Smart, Movie, Music, News, Off	Smart, Movie, Music, News, Off
	Smart TV	TIVO	TIVO	TIVO
	Google Assistant*3 integriert	J	J	J
	Kompatibel mit Google Assistant	J	J	J
	Alexa integriert*4	—	—	—
	Kompatibel mit Alexa	J	J	J
	Fire TV Ambient-Modus	—	—	—
	Apple AirPlay*5	—	—	—
	Apple Home*5	—	—	—
	Home Network*6	—	—	—
	IP Home Control	—	—	—
	In-House TV Streaming (SATIP/DVB-IP)	—	—	—
	Easy Mirroring/Chromecast built-in	Easy Mirroring	Easy Mirroring	Easy Mirroring
	Media Player	J*18	J*18	J*18
<b>Gaming</b>	Game Mode	J	J	J
	HDMI 2.1 VRR Support	—	—	—
	HDMI 2.1 HFR Support	—	—	—
	AMD Freesync Premium*7	—	—	—
	G-Sync Kompatibel*8	—	—	—
<b>Konnektivität</b>	WLAN integriert*9	J	J	J
	Bluetooth*10	J (5.0) (audio, HID)	J (5.0) (audio, HID)	J (5.0) (audio, HID)
	Bluetooth Audio Link*11	—	—	—
<b>Anschlüsse</b>	HDMI Eingänge*12	1 (side), 1 (rear)	1 (side), 1 (rear)	1 (side), 1 (rear)
	HDCP	J (HDCP1.4)	J (HDCP1.4)	J (HDCP1.4)
	HDMI unterstützte Formate	Audio Return Channel (Input 2,rear) HDMI1.4	Audio Return Channel (Input 2,rear) HDMI1.4	Audio Return Channel (Input 2,rear) HDMI1.4
	HDMI Signal Power Link	—	—	—
	USB	1 (1 side, USB 2.0 x 1)	1 (1 side, USB 2.0 x 1)	1 (1 side, USB 2.0 x 1)
	Ethernet	1 (back)	1 (back)	1 (back)
	CI (Common Interface)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)	1 (CI Plus, Version 1.4, ECP)
	Analoger Videoeingang	—	—	—
	Component-Video-Eingang gemeinsam mit Composite	RCA type x 1 (rear)	RCA type x 1 (rear)	RCA type x 1 (rear)
	Digital Audio-Ausgang (Optical)	—	—	—
	Digital Audio-Ausgang (Coax)	1 (rear)	1 (rear)	1 (rear)
	PC Eingang (VGA) + PC Audio In	—	—	—
	Kopfhörerausgang	1 (side)	1 (side)	1 (side)
	<b>Übertragung</b>	Digital Tuner	DVB-T/T2/DVB-S2/DVB-C	DVB-T/T2/DVB-S2/DVB-C
Analog Tuner		J	J	J
Datenübertragung		Hbb TV	Hbb TV	Hbb TV
USB-HDD Recording*13		—	—	—
Multi Window		—	—	—
HDAVI Control		J	J	J
Sprachanweisungen		J	J	J
EPG		J	J	J
Twin Tuner		—	—	—
Design		Design	Design	Design
<b>Energiedaten</b>	Hersteller	Panasonic	Panasonic	Panasonic
	Modellbezeichnung	TB-40S45AEZ	TB-32S40AEZ	TB-24S40AEZ
	EU Energieeffizienzklasse	SDR: E; HDR: G	SDR: E; HDR: G	SDR: E; HDR: G
	Sichtbare Bildschirmdiagonale in cm/Zoll	100 cm / 40 inches	80 cm / 32 inches	60 cm / 24 inches
	Durchschnittl. Leistungsaufnahme im Ein-Modus*14	SDR: 37 kWh/1000h; HDR: 67 kWh/1000h	SDR: 26 kWh/1000h; HDR: 45 kWh/1000h	SDR: 16 kWh/1000h; HDR: 28 kWh/1000h
	Leistungsaufnahme im Standby	<0.5W	<0.5W	<0.5W
	Leistungsaufnahme im Aus-Zustand	0W	0W	0W
	Bildschirmauflösung (B x H)	1,920 x 1,080	1,366 x 768	1,366 x 768
	Stromversorgung	AC 220 - 240 V, 50/60 Hz	AC 220 - 240 V, 50/60 Hz	AC 220 - 240 V, 50/60 Hz
	Umgebungssensor (CATS)	—	—	—
	<b>Allgemeines</b>	Enthaltenes Zubehör	TV Remote	TV Remote
Abmessungen (B x H x T) (ohne Standfuß)		902 x 517 x 87	728 x 431 x 76	553 x 334 x 63
Abmessungen (B x H x T) (mit Standfuß)*17		902 x 574 x 235	728 x 475 x 185	553 x 372 x 134
Gewicht (ohne Standfuß)		6,00 kg	4,50 kg	3,60 kg
Gewicht (mit Standfuß)		7,50 kg	5,50 kg	3,75 kg
Abmessungen Standfuß (B x T)		450 x 235 x 27	385 x 185 x 24	280 x 134 x 24
VESA-Norm		J	J	J
VESA-Abmessungen (B x H)		100x100 (M4)	75x75(M4)	75x75(M4)
Verpackungsabmessung (B x H x T)		1018x178x670	845x145x530	629x114x468
Gesamtgewicht mit Verpackung		10,5	7,5	5



\*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 & 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 the 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 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.

\*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 under license.

\*8 When a Bluetooth device is connected to the TV, it is possible that the Bluetooth audio output may not be synchronized (i.e. be delayed) with relation to the images on the screen. This is not a defect of the TV or the device. The delay time will differ depending on the device.

\*9 This feature requires a USB hard drive or flash drive with a capacity of at least 160 GB.

\*10 Based on IEC 62087 Ed.2 measurement method.

\*11 Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

\*12 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.

\*13 Not all the accessories are listed here.

\*14 Dimension with recommended pedestal style.

\*15 Supporting HSP standardized by CTA-2072 (HDR Still Photo Interface)

\*16 35 Languages (English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Gaelic, Macedonian, Kazakh, Thai, Belarussian)

\*17 To playback HDR, a HDR source is required (H.264 or H.265(ST2084 or HLG format)).