



S45A SERIES



## Hochwertiger TiVo Smart TV mit atemberaubender Bildqualität

### LED FULL HD TV

40"

TB-40S45AEZC / 100cm  
EAN 5025232996636

32"

TB-32S45AEZC / 80cm  
EAN 5025232996643

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

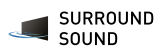
**HD Colour Engine** – Fernsehsendungen, Filme und Spiele werden durch natürliche Farben zum Leben erweckt

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

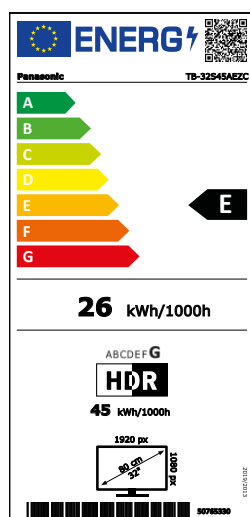
**USB Media Player** – Einfacher Zugriff auf persönliche Inhalte, die auf USB gespeichert sind

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

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



|                  |                                             | TB-40S45AEZC                              | TB-32S45AEZC                                           |
|------------------|---------------------------------------------|-------------------------------------------|--------------------------------------------------------|
| Picture          | Panel Technology                            | 2K LCD                                    | 2K LCD                                                 |
|                  | Resolution (W x H)                          | Full HD / 1,920 x 1,080                   | Full HD / 1,920 x 1,080                                |
|                  | Panel Refresh Rate                          | 60 Hz                                     | 60 Hz                                                  |
|                  | Smooth Motion Drive Pro                     | —                                         | —                                                      |
|                  | Multi HDR Support*2                         | HDR10 / HLG                               | HDR10 / HLG                                            |
|                  | Dimming/Contrast                            | High Contrast                             | High Contrast                                          |
|                  | Colour Space                                | —                                         | —                                                      |
|                  | Dolby Vision IQ                             | —                                         | —                                                      |
|                  | HDR10+ Adaptive                             | —                                         | —                                                      |
|                  | Filmmaker Mode                              | —                                         | —                                                      |
|                  | Processor/Engine                            | HD Colour Engine                          | HD Colour Engine                                       |
|                  | Auto AI for Picture                         | —                                         | —                                                      |
|                  | Picture Mode                                | Natural / Dynamic / Cinema / Sport / Game | Dynamic / Normal / Cinema / True Cinema / Sport / Game |
|                  | isf Mode                                    | —                                         | —                                                      |
|                  | Calman READY                                | —                                         | —                                                      |
| Sound            | Dolby Atmos                                 | —                                         | —                                                      |
|                  | Surround                                    | Surround Sound                            | Surround Sound                                         |
|                  | Speaker Output                              | 16 W (8 W x 2)                            | 12 W (6 W x 2)                                         |
|                  | Auto AI for Sound                           | —                                         | —                                                      |
| Smart Features*1 | Sound Mode                                  | Smart / Movie / Music / News / Off        | Smart / Movie / Music / News / Off                     |
|                  | Smart TV                                    | —                                         | —                                                      |
|                  | TiVo Voice Assistant Built-in               | • TiVo                                    | • TiVo                                                 |
|                  | Works with Google Assistant                 | •                                         | •                                                      |
|                  | Alexa Built-in*4                            | —                                         | —                                                      |
|                  | Works with Alexa                            | •                                         | •                                                      |
|                  | Ambient Mode                                | —                                         | —                                                      |
|                  | Apple AirPlay*5                             | —                                         | —                                                      |
|                  | Apple Home*5                                | —                                         | —                                                      |
|                  | Home Network*6                              | —                                         | —                                                      |
|                  | IP Home Control                             | —                                         | —                                                      |
|                  | In-House TV Streaming (SATIP/DVB-IP)        | —                                         | —                                                      |
|                  | Easy Mirroring / Chromecast Built-in        | —                                         | —                                                      |
|                  | Media Player                                | •*18                                      | •*18                                                   |
| Gaming           | Game Mode                                   | •                                         | •                                                      |
|                  | HDMI 2.1 VRR Support                        | —                                         | —                                                      |
|                  | HDMI 2.1 HFR Support                        | —                                         | —                                                      |
|                  | AMD Freesync Premium*7                      | —                                         | —                                                      |
|                  | G-Sync Compatible*8                         | —                                         | —                                                      |
| Connectivity     | Wireless LAN Built-in*9                     | •                                         | •                                                      |
|                  | Bluetooth*10                                | • (5.0) (audio, HID)                      | • (5.0) (audio, HID)                                   |
|                  | Bluetooth Audio Link*11                     | —                                         | —                                                      |
| Terminal         | HDMI Inputs*12                              | 1 (side), 1 (rear)                        | 1 (side), 1 (rear)                                     |
|                  | HDCP                                        | • (HDCP1.4)                               | • (HDCP1.4)                                            |
|                  | HDMI Support Feature                        | Audio Return Channel (Input 2, rear)      | Audio Return Channel (Input 2, rear)                   |
|                  |                                             | HDMI1.4                                   | HDMI1.4                                                |
|                  | HDMI Signal Power Link                      | —                                         | —                                                      |
|                  | USB                                         | 1 (1 side, USB 2.0 x 1)                   | 1 (1 side, USB 2.0 x 1)                                |
|                  | Ethernet                                    | 1 (back)                                  | 1 (back)                                               |
|                  | CI (Common Interface)                       | 1 (CI Plus, Version 1.4, ECP)             | 1 (CI Plus, Version 1.4, ECP)                          |
|                  | Analog Video Input                          | —                                         | —                                                      |
|                  | Component Video Input shared with Composite | RCA type x 1 (rear)                       | RCA type x 1 (rear)                                    |
|                  | Digital Audio Output (Optical)              | —                                         | —                                                      |
|                  | Digital Audio Output (Coax)                 | 1 (rear)                                  | 1 (rear)                                               |
|                  | PC input (VGA) + PC Audio In                | —                                         | —                                                      |
|                  | Headphone Output                            | 1 (side)                                  | 1 (side)                                               |
| Broadcasting     | Digital Tuner                               | DVB-T / T2 / DVB-S2 / DVB-C               | DVB-T / T2 / DVB-S2 / DVB-C                            |
|                  | Analog Tuner                                | •                                         | •                                                      |
|                  | Data Broadcasting                           | Hbb TV                                    | Hbb TV                                                 |
|                  | USB-HDD Recording*13                        | —                                         | —                                                      |
|                  | Multi Window                                | —                                         | —                                                      |
|                  | HDAVI Control                               | •                                         | •                                                      |
|                  | Voice Guidance                              | •                                         | •                                                      |
|                  | EPG                                         | •                                         | •                                                      |
|                  | On Screen Display Menu Languages            | —                                         | —                                                      |
|                  | Twin Tuner                                  | —                                         | —                                                      |
| Design           | Design                                      | —                                         | —                                                      |
| Energy Data      | Suppliers Trademark                         | Panasonic                                 | Panasonic                                              |
|                  | Model ID                                    | TB-40S45AEZC                              | TB-32S45AEZC                                           |
|                  | Energy Efficiency Class                     | SDR: E; HDR: G                            | SDR: E; HDR: G                                         |
|                  | Visible Screen Size (diagonal)              | 100 cm / 40 inches                        | 80 cm / 32 inches                                      |
|                  | On mode Average Power Consumption*14        | SDR: 37 kWh/1000h; HDR: 67 kWh/1000h      | SDR: 26 kWh/1000h; HDR: 45 kWh/1000h                   |
|                  | Annual Energy Consumption*15                | —                                         | —                                                      |
|                  | Standby Power Consumption                   | <0.5W                                     | <0.5W                                                  |
|                  | Off mode Power Consumption                  | NA                                        | NA                                                     |
|                  | Screen Resolution                           | 1,920 x 1,080                             | 1,920 x 1,080                                          |
|                  | Power Supply                                | AC 220–240 V, 50/60 Hz                    | AC 220–240 V, 50/60 Hz                                 |
|                  | Rated Power Consumption                     | —                                         | —                                                      |
| General          | Ambient Sensor (CATS)                       | —                                         | —                                                      |
|                  | Included Accessory*16                       | TV Remote                                 | TV Remote                                              |
|                  | Dimensions (W x H x D) (w/o stand)          | 902 x 517 x 87 mm                         | 728 x 431 x 76 mm                                      |
|                  | Dimensions (W x H x D) (with stand)*17      | 902 x 574 x 235 mm                        | 728 x 475 x 185 mm                                     |
|                  | Weight (w/o stand)                          | 6.00 kg                                   | 4.50 kg                                                |
|                  | Weight (with stand)                         | 7.50 kg                                   | 5.50 kg                                                |
|                  | Dimension Pedestal (W x H x D)              | 450 x 27 x 235 mm                         | 385 x 24 x 185 mm                                      |
|                  | VESA Compatible                             | •                                         | •                                                      |
|                  | VESA Dimension                              | 100x100 (M4)                              | 75 x 75 (M4)                                           |
|                  | Outer Boxed Unit (W x H x D)                | 1018 x 670 x 178 mm                       | 845 x 530 x 145 mm                                     |
|                  | Total Boxed Weight                          | 10.50 kg                                  | 7.50 kg                                                |



- \*1 Features and specifications are subject to change without prior notification. Internet connection is required with smart functions.
- \*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. Please check the HDCP version of HDMI inputs. Not all HDR contents are guaranteed to be enjoyed on the TV.
- \*3 Google, Google TV and Chromecast built-in are trademarks of Google LLC. Google Assistant is not available in certain languages and countries Requires internet connection. Subscriptions for services may be required.
- \*4 Amazon, Alexa is not available in certain languages and countries. Requires internet connection. Subscriptions for services may be required. Amazon, Fire, Alexa and all related marks are trademarks of Amazon.com, Inc. or its affiliates.
- \*5 Apple, Apple logo, AirPlay, and HomeKit are trademarks of Apple Inc., registered in the U.S. and other countries and regions. To use AirPlay and HomeKit, the latest version of iOS, iPadOS, or macOS is recommended.
- \*6 File formats that are not supported by your Network Contents server (DLNA compatible server, etc.) cannot be played.
- \*7 ©2023 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc.
- \*8 ©2021 NVIDIA, the NVIDIA logo, and NVIDIA G-SYNC are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.
- \*9 In case the password of the registered device or user is known by a third party, there is a risk of unauthorized entries. Keep your password safe. Panasonic will make no warranty for the unauthorized entries. To prevent a risk of interception, unauthorized entries and hacking, set up the proper security settings (encryption setting).

- \*10 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.
- \*11 When a Bluetooth device is connected to the TV, it is possible that the Bluetooth audio output may not be synchronizing (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.
- \*12 The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- \*13 This feature requires a USB hard drive or flash drive with a capacity of at least 160 GB.
- \*14 Based on (EU) 2019/2021 transitional measurement method.
- \*15 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.
- \*16 Not all the accessories are listed here.
- \*17 Dimension with recommended pedestal style.
- \*18 To playback HDR, a HDR source is required (H1264 or H1265(ST2084 or HLG format).
- \*19 38 Languages (English, German, French, 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, Albanian, Gaelic, Macedonian, Montenegro, Flemish, Kazakh, Thai, Belarussian).