50P818

50"

Ultra Slim 4K TV with HDR PRO and Android TV



Picture precision for the best of HDR

4K HDR
superb contrast, vivid
accurate colours andfinest details

Motion Clarity PRO
for smooth picture and improved motion

Dolby Vision Atmos
amazing realism that you'll see,
hear, and feel like never before.

Android TV
Entertainment tailored
for you

Hands free voice control
With advanced voice control TCL's
Android TV makes life smart and simple

Google Assistant
Meet your Google Assistant.
Ask it questions. Tell it to do things

NETFLIX
now, available in
4K UHD HDR quality

YouTube
now, available in
4K UHD HDR quality

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DISPLAY

Screen size (inches/cm)	50 / 127
Visible screen size : diagonal(inches/cm)	50 / 126
Panel resolution	UHD
Wide color Technology	Dynamic color
HDR (High Dynamic Range)	Yes
HDR formats	Dolby Vision, HDR10, PQ10, HLG
HDR brightness	-
Picture Performance Index*	2000
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	AiPQ 2.0 Engine
Dimming	-
Ultra AR coating	-
UHD upscaling	UHD AI Super Resolution
Color management	3D LUT, 10P & 2P calibration
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x10 W
Music sound power	2x20 W
Dolby	Dolby AC4, Dolby TrueHD
Sound Processing	Dolby Atmos, Virtualization & upmix
Equaliser	Presets
Speaker type	Down Firing
Audio quality by	-
Speakers	Full range
Digital Pure Sound	-
Woofer	-
Auto volume control	Yes

SMART CONTENT

Processor	Quad Core
SmartTV	AndroidTV & TV+ (29 languages)
Android OS	Android P (9.0)
GuideOn (Internet EPG)	-
4K	Netflix, YouTube, Amazon Prime & more
Applications	Google Play Store
Social	Yes
Web browser	Yes
HbbTV	2.0.2
Voice search	-

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Yes
Sports mode	Yes
Multipicture	PAT
Sleep timer	Yes
Hotel mode	Q4 '20 update
OSD Languages	29
HDMI CEC (T-link)	Full
HDMI quick switch	Yes

* USB key not included

CONVERGENCE

Bluetooth	A2DP, HID
DLNA 1.5	Yes
Wifi display (Miracast)	Chromecast & T-cast
USB HID support	Yes

CONTROL

Remote control batteries	Yes
Remote Control	RC802N4

TUNER/BROADCASTING

DTV Tuner	DVB-T2/C/S2
Video decoding	H.265 UHD, H.264, MPEG-2
Analogue tuner	Yes
Analogue tuner systems	PAL/SECAM/NTSC (AV) BG/DK/I/LL'
CI+	Yes (1.4, ECP)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

CONNECTIVITY

HDMI	3 x 2.0b (2.1)
HDCP 2.2	2.2
USB	2 x 2.0
YPbPr	CVBS Optional
DVI-in (video)	-
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in b/g/n
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.2.2 / No
CI slot	1
HDMI ARC	via HDMI 1
HDMI max resolution	2160P/60Hz 422 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

DESIGN

Color	Dark Silver, Silver trim
Vesa size	200 x 200 mm
Stand type	Fixed

POWER

Energy efficency class*	A+
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0.30 W
Power consumption (network standby)*	0.79 W
Power consumption (on mode IEC62087 Ed.2)*	71 W
Annual power consumption (EU standard)*	104 kWh
Peak luminance ratio	72%
Power consumption (maximum)*	125 W
Mercury content	0.0 mg
Presence of Lead	Yes

*estimation

DIMENSIONS & WEIGHT

Product Size	1113 / 714 / 288 mm
Stand width	637 mm
Product size w/o stand	1113 / 658 / 9,2-45-76 mm
Packaging size	1260 / 757 / 136 mm
Product / packaging	11.50 / 15.20 kg
Without stand	10.20 kg
EAN	5901292515089
Manual - languages number	29
Incl. 3D glasses	-

Specifications are subject to change without notice. Photos are not contractual.
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