

**TCL**

**50P638K**

50"

**TCL 4K HDR TV with  
Android TV and Game  
Master**



**IMMERSIVE 4K HDR ANDROID TV**



**4K HDR**

**4K HDR**  
superb contrast, vivid  
accurate colours and finest details

**MOTION CLARITY**

For smooth picture and improved motion

**HDR 10**

Enhanced contrast, colours and details



**GAME MASTER**

**Game Master**  
Your optimized gaming experience

**Dolby**  
AUDIO

**Dolby Audio**  
delivers rich, clear,  
powerful sound in your TV

**androidtv**

**Android TV**  
Easy endless entertainment

**Hey Google**

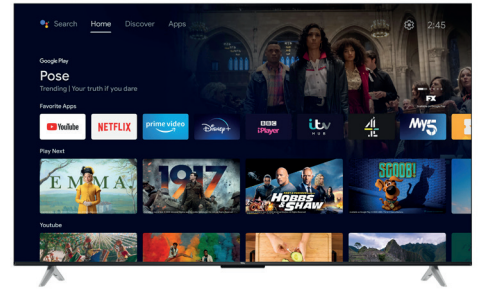
**Google Assistant**  
Ask it questions. Tell it to do things.  
Control home devices

**FreeviewPlay**

**Freeview Play**  
Go The Other Way with  
Freeview Play

# TCL

## 50P638K



### 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)	-
HDR formats	HDR10, PQ10, HLG
HDR brightness	-
Picture Performance Index*	2300
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	IPQ 2.0 Engine
Dimming	Yes
Ultra AR coating	-
UHD upscaling	UHD Machine Learning AI SR
Color management	20P & 2P calibration
Digital Noise Reduction	Yes
Film Mode	Yes

\* Picture performance Index

### AUDIO

Sound power	2x10 W
Music sound power	-
Dolby	Dolby AC4
Sound Processing	Dolby Audio
Equaliser	-
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 (29 languages)
Android OS	Android R (11.0)
GuideOn (Internet EPG)	-
4K	Netflix, YouTube, Amazon Prime, AppleTV+ & more
Applications	Google Play Store
Social	-
Web browser	-
HbbTV	2.0.2
Smart integrated TV microphone	-

### CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Auto
Sports mode	Yes
Multipicture	PAT
Sleep timer	Yes
Hotel mode	Yes
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	RC802N5

### 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/LL'
CI+	Yes (1.4, ECP)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

### CONNECTIVITY

HDMI	3
HDCP 2.2	2,3
USB	1 x 3.0
YPbPr	CVBS Optional
DVI-in (video)	-
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in ac/n/g 2.4/5Ghz MIMO
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestrial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.2.2 / Update
CI slot	1
HDMI eARC/ARC	eARC HDMI1
HDMI max resolution	2160P/60Hz 422 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

### GAMING EXPERIENCE

HDMI 2.1 :	Features	UHD 120p, ALLM
	VRR / FreeSync / G-sync	-

### DESIGN

Color	Brushed dark metal front
Vesa size	200 x 200 mm
Stand design	Y-shape

### POWER

EEL 2021 class SDR (X1)	F
Annual SDR power consumption (EEL 2021) (X1)	58 W
EEL 2021 class HDR (X1)	G
Annual HDR power consumption (EEL 2021) (X1)	85 W
EEL 2021 class SDR (X2)	-
Annual SDR power consumption (EEL 2021) (X2)	-
EEL 2021 class HDR (X2)	-
Annual HDR power consumption (EEL 2021) (X2)	-
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)	0,5 W
Power consumption (network standby)	2,00 W
Peak luminance ratio	73%
Power consumption (maximum)	110 W
Mercury content	0,0 mg
Presence of Lead	No

### DIMENSIONS & WEIGHT

Product Size	1112 / 701 / 264 mm
Stand width & depth	1028 / 264 mm
Product size w/o stand	1112 / 647 / 8-54-80 mm
Packaging size	1255 / 765 / 127 mm
Product / packaging	8,80 / 11,80 kg
Without stand	8,60 kg
EAN	5901292517816
Manual - languages number	29
Incl. 3D glasses	-