iF
DESIGN
AWARD
2017

TCL QLED TV

XESS

THE ONLY QLED ANDROID TV IN THE WORLD, AND WITH UNRIVALLED JBL SOUND !

// Picture Quality : A Visual Experience Beyond your Imagination with TCL QLED

- Quantum Dots : Unrivalled Colour Reproduction covering 103% of DCI-P3 color volume
- HDR Premium : Deepest blacks, higher contrast and vivid colours
- Ultra Micro Dimming : Ultimate Contrast

// Sound quality : JBL Ultimate Cinematic Experience at Home

- JBL high-class 3-way, front-firing sound system
- DTS Premium Sound decoding

// Android TV 6.0 : Entertainment tailored for you

- Google Play Movies &TV : Unlimited source of films and TV programs
- Google Play Store : Your favorite content and apps
- Google Voice Search : Less browsing, more watching
- Chromecast : Directly integrated into your TV
- Compatible with next AndroidTV 7.0 version to be released
- TCL T-Cast : Mirror your Smartphone or tablet screen on your TV and vice versa !

// Art design : A beautiful object from all angles

- Edge-less display leaving all the space to the image
- Ultra slim design with a profile of just 7.9 mm
- 360° design : beautiful from every angle
- Smart Cube to make cables disappear
- Award winning design : 2017 IF Design Award

QuantumDot | HDR PREMIUM | PPI ★2100 Picture Performance index | JBL by HARMAN | androidtv | Voice Search Remote Control

Picture Quality   TCL QLED TV

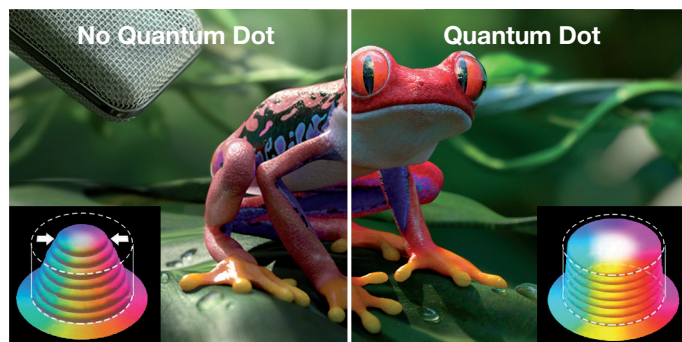**A Visual Experience Beyond your Imagination with TCL QLED**

TCL QLED X2 series combines state of the art image technologies (4K-UHD, Quantum Dot, HDR Premium, Ultra Micro Dimming and 10-bit panel) creating a truly immersive visual experience, scoring a Picture Performance Index (PPI) of 2100.

QuantumDot

Unrivalled Colour Reproduction

Thanks to state of the Art Quantum Dots technology, the TCL QLED X2 XESS Series can reproduce all of the colors that cinema cameras can capture. They make it possible to deliver 103% of DCI-P3 color volume – a level of color reproduction, detail and depth which are unrivalled by any LED or OLED TV.
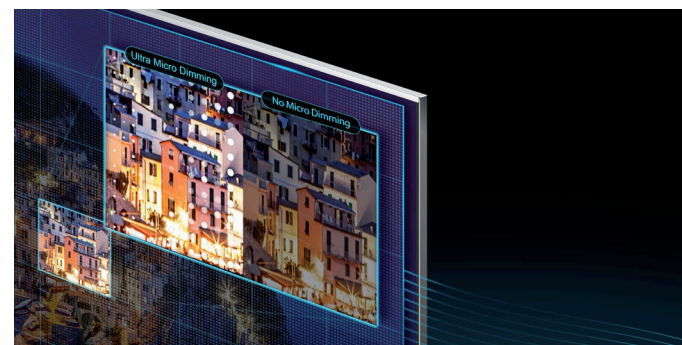

No Quantum Dot — Quantum Dot

HDR PREMIUM

HDR Premium - Deepest blacks, higher contrast and vivid colours

The latest standard for UHD content is High Dynamic Range. The TCL HDR Premium is able to display up to 800 nits brightness and produce dazzling detailed images with precise light and dark shade reproduction.

SDR — TCL HDR Premium

ULTRA MICRO DIMMING

Ultra Micro Dimming : Ultimate Contrast

Ultra Micro Dimming analyses the video content in 192 separate zones so as to adjust bright and dark areas independently. You will have a fantastic viewing experience with great contrast and vivid picture quality.
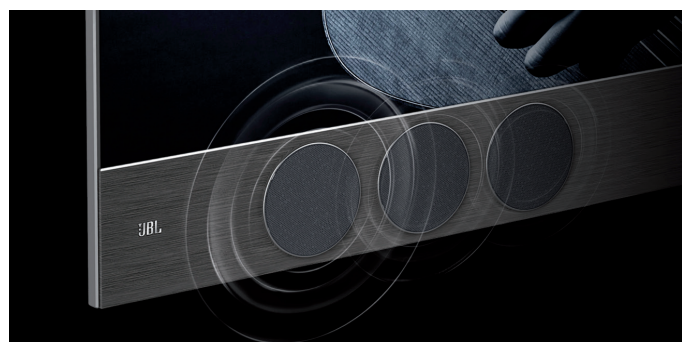

Sound Quality

JBL by HARMAN

JBL Ultimate Cinematic Experience at Home

The JBL high-class 3-way sound system combined with DTS Premium Sound provides you with an exceptional sound that take movie experience into the next dimension.
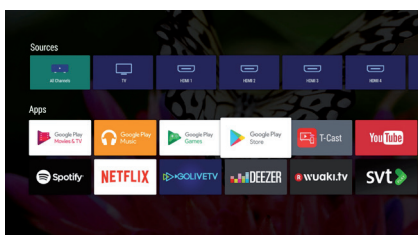

Smart TV Functions androidtv

Android TV 6.0 : Entertainment tailored for you

Powered by the Android TV 6.0 System, the X2 XESS Series takes full charge of Google Play Store, Chromecast and Voice search, and provides consumers with an exceptional Entertainment experience. And, like all of TCL's Android TVs, the X2 XESS Series is ready for Android TV 7.0 so consumers can enjoy the latest functionalities.

Google Play Store

Your favorite content and apps

Get the apps you love for your TV: YouTube and Neflix in 4K HDR quality, NBA Game Time, and more are available on Android TV.

Google Play Movies & TV

Unlimited source of films and TV programs

Watch thousands of TV shows and movies on your TV with Google Play Movies & TV.

Voice Search Remote Control

Less browsing, more watching

Search for apps, music, movies or find an answer to your question, just by speaking your queries.

T-Cast Functions

T-Cast

Chromecast built-in

Directly integrated into your TV

Chromecast built-in lets you cast your favourite entertainment and apps from your phone, tablet or laptop right to your TV.

Mirror your Smartphone or tablet screen on your TV and vice versa !

T-Cast is a unique TCL application designed for SmartTVs. T-Cast lets you control your TV using your phone. You can also broadcast the latest lms and series on the big screen and share your photos, videos and music on the TV. A unique feature lets you broadcast your TV's content* on your phone or tablet.

*Works with non encrypted content

Art Design

ULTRA SLIM Design

A beautiful object from all angles

With its edge-less display technology, the XESS X2 Series looks amazing and leaves all the space on the screen to the image. Its ultra slim design with a profile of just 7.9 mm, its Smart Cube making cables disappear and its 360° design ensure that the XESS X2 Series will blend in naturally in any living room. The XESS X2 Series has already won the IF Design Award.

DISPLAY

Screen size (inches/cm)	65 / 165
Visible screen size : diagonal(inches/cm)	65 / 164
Panel resolution	UHD
Wide color Technology	Quantum Dot
Brightness (cd/m²)	400
HDR (High Dynamic Range)	HDR Pro
HDR brightness	800 nits
Picture Performance Index*	2100
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	Pure Image Ultra HD
Dimming	Ultra
Ultra AR coating	-
UHD upscaling	Yes
Color management	UHD Premium color extender
Digital Noise Reduction	Yes
Film Mode	Yes
* Picture performance Index	

AUDIO

Sound power	2x20 W
Music sound power	2x40 W
Dolby	Dolby Digital Plus
Sound Processing	DTS Premium Sound
Equaliser	Yes
Speaker type	Front Firing
Audio quality by	JBL by Harman Kardon
Speakers	3 way
Digital Pure Sound	Yes
Woofer	Yes
Auto volume control	Yes

SMART TV CONTENT

Processor	Quad Core
SmartTV	AndroidTV & TV+ (29 languages)
Android OS	Android M (6.0), Oct'17 7.0 update
GuideOn (Internet EPG)	-
4K	Netflix, YouTube
Applications	Google Play Store & TV+
Social	Yes
Web browser	Yes
HbbTV	1,5 (2.0 update)
Voice search	Yes
Internal memory	16GB

3D

3D Technology	-
2D to 3D coversion	-
3D depth adjustment	-
3D resolution	-

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Yes
Sports mode	Yes
Picture in Picture	-
Sleep timer	-
Hotel mode	-
OSD Languages	29
HDMI CEC (T-link)	Full
HDMI quick switch	Yes

CONVERGENCE

Bluetooth	A2DP, HID
DLNA 1.5	Yes
Wifi display (Miracast)	Google cast
USB HID support	Yes

*USB key / hard disc (not provided)

CONTROL

Remote control batteries	Yes
Remote control	RC602S1+RC802N1

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 (1.3)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

CONNECTIVITY

HDMI	3 x 2.0a
HDCP 2.2	All HDMIs
USB	2 (1 x 3.0, 1 x 2.0)
Scart	-
YPbPr	-
DVI-in (video)	via HDMI3
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in ac/n/g
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.1.0 / No
CI slot	1
HDMI ARC	via HDMI 2
HDMI max resolution	2160P/60Hz 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.8 m

DESIGN

Color	Dark metal
Vesa size	600 x 200 mm
Stand type	Fixed

POWER

Energy efficency class*	A+
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0,29 W
Power consumption (network standby)*	- W
Power consumption (on mode IEC62087 Ed.2)*	120 W
Annual power consumption (EU standard)*	128 kWh
Peak luminance ratio	65%
Power consumption (maximum)*	170 W
Mercury content	0,0 mg
Presence of Lead	Yes

DIMENSIONS & WEIGHT

Product Size	1449 / 923 / 278 mm
Product size w/o stand	1449 / 885 / 9-43-47 mm
Packaging size	1645 / 1090 / 190 mm
Product / packaging	24,00 / 33,00 kg
Without stand	23,00 kg
EAN	5901292508838
Manual	29
Incl. 3D glasses	-