

## PRODUCT SPECIFICATION RELEASE

Version: V2.0

Issued Date: 2022.02.16

Model: 32D2040 HD MS3663 DVB-T2/T/C

Brand: MANTA

Model No.: 32LHN89T

FORM VERSION: V6

PICTURE	
Panel Size (inch)	32"
Category	LCD TV
Aspect Ratio	16:9
Color Temperature	Cold/Normal/Warm
Backlight Adjustable	Yes
Scaler Mode	Auto/4:3/16:9/Zoom1/Zoom2
Picture Mode	Dynamic/Standard/Mild/Personal
Film Mode (3:2 pull down)	Auto
Picture Enhancement	
Comb Filter	3D
Dynamic Noise Reduction	Yes
Adaptive Deinterlacing	Yes
Blue Stretch	Yes
Black Stretch	Yes
Motion Compensation	No
DLTI	No
DCTI	No
Dynamic Skin Correction	No
Panel Specification	
Back Light Unit	D-LED
Panel supplier	CSOT ST3151A07-2
Panel size	32"
Display Resolution	1366*768
TV Brightness (cd/m2)	220 (typ.)
TV Brightness (cd/m2)	200 (min.)
Brightness Uniformity@9 Points	60% (typ.)
Contrast Ratio	3000:1 (typ.)
Response Time	6.5ms (typ.)
Viewing Angle (H/V)	178/178 (typ.)
Display Colors	16.7M
Frame Rate (2D)	60Hz
SOUND	
Speakers	Integrated speakers (Bottom side)
Audio Power Output	5W+5W
Sound Features	AV Stereo
Sound Mode	Standard/Music/Movie/Sports/Personal
AVC (Auto Volume Control)	Yes
Sound Control	Bass, Treble, Balance
DD (Dolby Digital)	DD ms11 (Need Liscence)
Surround Sound	No
FUNCTION	
Lock	Yes
CCD (Closed Caption)	X
EPG	Yes(at DTV)
Subtitle	Yes(at DTV)
LCN	Yes(at DTV)
Parental Control	Yes(at DTV)
Clock/Timers	Yes
Teletext	Yes (1000 pages)
NICAM	Yes
PVR / Time Shift	Yes
Audio Language	Yes
OSD Features	Common OSD
OSD Language	English, German, French, Italian, Spanish, Polish(default), Czech, Slovakian, Dutch, Bulgarian, Greek, Hungarian, Croatian, Slovenian, Romanian, Serbian, Macedonian, Bosnian, Montenegrin, Portuguese, Ukrainian, Lithuanian, Latvian
Software Upgrade	Yes(By USB)
Game Mode	X
Hotel Mode	Yes
Demo Mode (E-sticker)	Yes
Power on LOGO	Yes
Other Functions	
CONNECTIVITY	
WiFi	No
DLNA	No
Blue Tooth	No
Fast Cast	No
Mirrorcast	No
USB Connection	Movie/Music/Photo
Movie Supported File Format	AVI/MKV/MP4/TS/VOB/MPG/DAT
Movie Supported Video Codec	H.265/H.264/MPEG1/MPEG2/MPEG4/XviD/VC1
Movie Supported Audio Codec	AC3/MP3/AAC
Music Supported Format	MP3/AAC
Photo Supported Format	JPG/JPEG



G1 Type Black, Plastic (Stand/Base)



SIGNAL FORMAT CAPABILITY	
Component Video Format	N/A
DVI Video Format	Up to XGA for HDMI-PC
HDMI Video Format	Up to 1080P
PC Compatibility	N/A
TERMINALS	
Audio/CVBS Input (Composite)	1 (Mini, with Mini Adapter)
S-Video Input	X
Audio Input for S-Video	X
YPbPr Input	X
Audio Input for YPbPr	X
YCbCr Input	X
Audio Input for YCbCr	X
VGA Input(RGB)	X
Audio Input for RGB	X
HDMI 1.4a	2
HDMI 2.0	X
CEC for HDMI	Yes
ARC for HDMI	1 (for HDMI2)
MHL	X
Audio/CVBS Output (Composite)	X
SPDIF	1 (Optical)
Headphone Output	1
RF Input(Antenna)	1 (ANALOG & DVB-T2/T/C)
CI SLOT	1 (CI+)
USB 2.0	2
USB 3.0	X
SCART	X
RJ45	X
Basic Info.	
ATV Video System	PAL, SECAM
ATV Audio System	BG, DK, I, L/L', MN, NICAM/A2
DTV System	DVB-T2/T/C
AV System	PAL, NTSC, SECAM
Channels(analog)	99
DTV Channels(digital)	700
Chassis	3MS663L0T2A 3IN1
Certification & Regulation	CE/ERP/RoHS/REACH
Power Supply	AC 180-240V 50/60Hz
Energy Efficiency Level	F Grade of Energy labeling (EU) 2019/2013
Power Consumption-TV on	TBC
Power Consumption-Standby	≤0.5W
Default Color of Front Cabinet	Black
LOGO Type of Front Cabinet	Silk Printing
Keyboard Position	Bottom-Center
Base Stand Detachable	Yes
Unpackaged Dimension for Main Body (L*H*D) (mm)	
With Base Stand (mm), Ref.	725.9*480.2*179
Without Base Stand (mm), Ref.	725.9*427.5*81.7
Packaged Dimension (L*H*D)	
Main Body (mm), Ref	800*128*520
Speaker Box	N/A
Base Stand	N/A
Net Weight (Kg), Ref.	3.6
Gross Weight (Kg), Ref	4.9
Container Loading	
20 feet	528 (no pallet)
40 feet	1080 (no pallet)
40 feet high	1350 (no pallet)
VESA Size (mm)	100*100
ACCESSORIES	
Operation Manual Language	English, Polish, Spanish, Portuguese, Hungarian, Slovenian
Remote Control Mode	RC180 (with 7# batteries)
Base Stand	Integrated Packaging
Speaker Box	Integrated
Wall Mount	Optional
LICENSES	
IP fee need to be paid according to business agreement of TCL/TV Brand Company.	DVB-T, DVB-T2, MPEG-2, MPEG-4, ROVI EPG, H.265, H.264, VC1, AAC, DD MS11, MP3, HDMI, CI+

Before your signature, Please check all items (special yellow part) and give your feedback if any modification and request.

Drafted by:

Customer Confirmed by: