



LED HD TV DVB-T2/C/S2 40" / 32"



The MTB2000 brings entertainment to your living room and boasts an impressively a clear picture and numerous functions. Enjoy blockbusters or your favourite series in the best Full HD quality! The integrated electronic program guide (EPG) guarantees that you'll never miss a thing. This flexible all-round TV allows you to receive all current receiver technologies and comes with USB and HDMI ports that turn even home content into a big event: you can easily and directly play photos, videos or your favourite music. Even the sound is flexible: select between five different sound modes to make your TV programme a pleasure to listen to as well as to watch.





Aspectratio     16-9     16-9     16-9     16-9     17       Resolution [xx hor xx vart]     1920 x 1080     1920 x 1080     1920 x 1080     1366 x 768     11       Diagonal screen size [cm] / [inch]     101 / 40     101 / 40     80 / 32     8       Visible screen area [cm]     4268     4261     2743     2       Display refresh rate [Hz]     50     50/60     50     50       Panel brightness in cd/m <sup>2</sup> 350     280     230     22       Viewing angle typ. / Typical response time in ms (GTG)     178' / 9.5<	Product datasheet	40 MTB2000	40 MTB2000Z	32 MTB2000	32 MTB2000Z
Aspect ratio     16-9     16-9     16-9     16-9     16-9     17       Resolution [px hor x px vert]     1920 x 1080     1920 x 1080     1920 x 1080     1366 x 768     17       Diagonal screen size [cm] / [inch]     101 / 40     101 / 40     80 / 32     8       Visible screen area [cm]     4268     4261     2743     2       Display refresh rate [Hz]     50     50/60     50     50       Panel brightness in cd/m²     350     280     230     22       Viewing angle typ. / Typical response time in ms (STG)     178 / 9.5	Picture technology				
Resolution [px hor x px vert]     1920 x 1080     1926 x 1080     1946 x 768     1;       Diagonal screen size [cm] / [inch]     101 / 40     101 / 40     80 / 32     8       Diagonal screen size [cm] / [inch]     101 / 40     101 / 40     80 / 32     8       Disble screen size [cm] / [inch]     4268     4261     2743     2       Display refers hate [htz]     50     50/60     50     50       Panel brightness in c/m²     350     280     230     23       Vewing angle bry, / Typical response time in ms (GTG)     178 / 95     178 / 95     178 / 85     1       Reception     -/-     -/-     -/-     -/-     -/-     -/-       Station Station Station     1     1     1     1     1     1       Station Station Station Station     1     1     1     1     1     1       Station Station Station Station     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-     -/-	Display technology	LCD / Direct LED	LCD / Direct LED	LCD / Direct LED	LCD / Direct LED
Diagonal screen area [cm <sup>2</sup> ]     101 / 40     101 / 40     80 / 32     8       Visible screen area [cm <sup>2</sup> ]     4268     4261     2743     2       Diagonal screen area [cm <sup>2</sup> ]     4268     4261     2743     2       Display refresh rate [Hz]     50     50/60     50     59       Panel brightness in cd/m <sup>2</sup> 350     280     230     2       Viewing angle typ. / Typical response time in ms (GTG)     178' / 9,5	Aspect ratio	16:9	16:9	16:9	16:9
Visible screen area [cm <sup>2</sup> ]     4266     4261     2743     2       DRR IO / HLG / Dolby Vision     -//-     -/-	Resolution [px hor x px vert]	1920 x 1080	1920 x 1080	1366 x 768	1366 x 768
HOR10 / HLG / Dolby Vision     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-/-     -/-	Diagonal screen size [cm] / [inch]	101 / 40	101 / 40	80 / 32	81 / 32
Display refresh rate [Hz]     50     50/60     50     50       Panel brightness in cd/m <sup>2</sup> 350     280     230     23       Reception     350     280     230     23       Reception     78" / 9,5     178" / 9,5     178" / 8,5     178       Reception     7/-     7/-     1/-     7/-     1/-       DDTV/UHDTV integrated     1/-     1     1     1     1       Sound technology      -     -     -     -       Wais coutput power [W]     2 x 10     2 x 8     2	Visible screen area [cm²]	4268	4261	2743	2736
Panel brightness in cd/m <sup>2</sup> 350   280   230   22     Viewing angle typ. / Typical response time in ms (GTG)   178 ' 9,5   178 ' 9,5   178 ' 8,5   178     Equipped with tumer ex works   DVB-C/T2/S2   DVB-	HDR10 / HLG / Dolby Vision	-/-/-	-/-/-	-/-/-	-/-/-
Viewing angle typ. / Typical response time in ms (GTG)     178° / 9,5     178° / 9,5     178° / 9,5     178° / 9,5     178° / 9,5     17       Reception     VIB-C/T2/S2     DVB-C/T2/S2     DVB-C	Display refresh rate [Hz]	50	50/60	50	50/60
Reception     DVB-C/T2/S2     S2     DVB-C/T2/S2     S2 </td <td>Panel brightness in cd/m<sup>2</sup></td> <td>350</td> <td>280</td> <td>230</td> <td>200</td>	Panel brightness in cd/m <sup>2</sup>	350	280	230	200
Equipped with tuner ex works     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     DVB-C/T2/S2     PVB-C/T2/S2     PVB-C	Viewing angle typ. / Typical response time in ms (GTG)	178° / 9,5	178° / 9,5	178° / 8,5	178°/9
HDT/ UHDTV integrated   ·/-   ·/-   ·/-   ·/-   ·/-     HEVC (H.265) (High Efficiency Video Coding)   ·   ·   ·   ·   ·     Sound technology   I   I   I   I   I   I     Sound technology   Values output power [W]   2 x 10   2 x 10   2 x 8   2     Dolby Digital Plus" / Dolby Digital"   ·/-	Reception				
HEVC (H.265) (High Efficiency Video Coding)   •   •   •   •   •     Number of CH compatible CI slots   1   1   1   1   1     Music output power [W]   2 x 10   2 x 10   2 x 8   2     Didby Digital Puss" / Dolby Digital Puss" / Dolby Digital Puss" / Dolby Digital Puss" / -   ·/   ·/   ·/     Surround / dts Studio Sound"   ·/   ·/   ·/   ·/   ·/     Genation   ·/   ·/   ·/   ·/   ·/   ·/     VB recording / Timeshift   ·/   ·/   ·/   ·/   ·/   ·/     VB recording / Timeshift   ·/   ·/   ·/   ·/   ·/   ·/   ·/     VBS recording / Timeshift   ·/	Equipped with tuner ex works	DVB-C/T2/S2	DVB-C/T2/S2	DVB-C/T2/S2	DVB-C/T2/S2
HEVC (H.265) (High Efficiency Video Coding)   •	HDTV / UHDTV integrated	•/-	•/-	•/-	•/-
Number of CI+ compatible CI slots   1   1   1   1     Sound technology   2x10   2x10   2x8   2     Integrated speakers   2   2   2   2   2     Dolly Digital Plus" / Dolby Digital*   ·/·   ·/·   ·/·   ·/·   ·/·     Surround / Its Studio Sound"   ·/·   ·/·   ·/·   ·/·   ·/·   ·/·     Bluetooth*   -   ·   ·/·   ·/·   ·/·   ·/·   ·/·     Station Studio Sound"   ·/·   ·/·   ·/·   ·/·   ·/·   ·/·   ·/·     Buetocht*   ·/·		•	•	•	•
Music output power [W]   2 x 10   2 x 10   2 x 8   2     Integrated speakers   2   2   2   2   2     Dolby Digit Plus" / Dolby Digit Plus" / Orly Digit Plus / Orly Digit		1	1	1	1
Music output power [W]   2 x 10   2 x 10   2 x 8   2     Integrated speakers   2   2   2   2   2     Oblob [Digit Plus" / Oblop Digital"   ·/·   ·/·   ·/·   ·/·     Surround / dts Studio Sound""   ·/·   ·/·   ·/·   ·/·   ·/·     Oblob [Digit Plus" / Oblop Digit and the studio Sound""   ·/·	Sound technology				
Integrated speakers   2		2 x 10	2 x 10	2 x 8	2 x 8
Surround / dts Studio Sound"   -/-		2	2	2	2
Surround / dts Studio Sound**   -/-   -/-   -/-   -/-   -/-   -/-     Bluetooth*   -   -   -   -   -   -   -     Qeptation   -   -/-   -/-   -/-   -/-   -/-   -/-     USB recording / Timeshift   -/-		•/•			•/•
Operation     ·/-     ·		•/-	•/-	•/-	•/-
Remote Control / Voice input sensor   -/- <td>Bluetooth®</td> <td>-</td> <td></td> <td>-</td> <td>-</td>	Bluetooth®	-		-	-
Remote Control / Voice input sensor   ·/-   ·/-   ·/-   ·/-   ·/-     USB recording / Timeshift   ·/-   ·/-   ·/-   ·/-   ·/-     Electronic programme guide (EPG)   ·   ·   ·   ·/-   ·/-     Sleep timer / Child lock / Top teletext   ·/·/·   ·/·/·   ·//·   ·//·   ·//·   ·//·     BOM linput / incl. CEC / and with ARC   3 / 3 / 0   3 / 3 / 0   3 / 3 / 0   3   3     USB   1   1   1   1   1   1   1     LAN network connection (RJ 45)   -   ·/   ·/·	Operation				
USB recording / Timeshift   -/-   -/-   -/-   -/-     Electronic programme guide (EPG)   •   •   •   •     Sleep timer / Child lock / Top teletext   ·/·/·   ·/·/·   ·/·/·   ·/·/·   ·/·/·     Sleep timer / Child lock / Top teletext   ·/·/·   ·/·/·   ·/·/·   ·/·/·   ·/·/·   ·/·/·     Gonnectivity   -   -   -   ·   ·/·		•/-	•/-	•/-	•/-
Electronic programme guide (EPG)   •   •   •   •   •     Sheep timer / Child lock / Top teletext   •/•/•   •/•/•   •/•/•   •/•/•   •/•/•     Connectivity   •   •/•/•   •/•/•   •/•/•   •/•/•   •/•/•     HOMI input / incl. CEC / and with ARC   3 / 3 / 0   3 / 3 / 0   3 / 3 / 0   3 / 3 / 0   3     USB   1   1   1   1   1   1   1     LAN network connection (RJ 45)   -   -   ·   ·/•					-/-
Sleep timer / Child lock / Top teletext   -/-/-   -/-/-   -/-/-   -/-/-   -/-/-     Connectivity   -   -   -   -   -   -     HDM linput / incl. CEC / and with ARC   3 / 3 / 0		•	•	•	•
Connectivity     All     All <t< td=""><td>· · · · ·</td><td>•/•/•</td><td>•/•/•</td><td>•/•/•</td><td>•/•/•</td></t<>	· · · · ·	•/•/•	•/•/•	•/•/•	•/•/•
HDMI input / incl. CEC / and with ARC   3 / 3 / 0   3 / 3 / 0   3 / 3 / 0   3     USB   1   1   1   1   1   1     LAN network connection (RJ 45)   - <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
USB   1   1   1   1   1     LAN network connection (RJ 45)   -   -   -   -   -     S/PDIF digital audio output - optical / coaxial   -/+   -/+   -/+   -/+   -/     Audio Video in / VGA / Headphone   +/+/-   +/+/-   +/+/-   +/+/-   +/+/-   +/+/-     Audio input (analoge), Jack connector/Cinch   -/-   +/-   +/-   -/-   +/-     Power consumption   -/-   +/-   +/-   +/-   -/-   +/-     Power supply 1   internal		3/3/0	3/3/0	3/3/0	3/3/0
S/PDIF digital audio output - optical / coaxial   -/•   -/•   -/•   -/•   -/•     Audio Video in / VGA / Headphone   */*/-   */*/-   */*/-   */*/-   */*/-   */*/-     Audio input (analoge), Jack connector/Cinch   -/-   */*/-   */*/-   */*/-   */*/-   */*/-     Power consumption   -/-   -/-   */-   */-   */*/-   */*/-     Power consumption on mode (SDR) 2 [W]   internal		1	1	1	1
S/PDIF digital audio output - optical / coaxial   -/•   -/•   -/•   -/•   -/•     Audio Video in / VGA / Headphone   +/+/-   +/+/-   +/+/-   +/+/-   +/+/-   +/+/-     Audio input (analoge), Jack connector/Cinch   -/-   -/-   +/-   +/-   -/-     Power consumption   -/-   -/-   +/-   -/-   +/-   -/-     Power consumption on mode (SDR) 2   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   11     Power consumption on mode (SDR) 2   Minternal   internal   in	LAN network connection (RJ 45)	-	-	-	-
Audio Video in / VGA / Headphone   ·/·/-   ·/·/-   ·/·/-   ·/·/-   ·/·/-     Audio input (analoge), Jack connector/Cinch   -/-   ·/-   ·/-   ·/-   ·/-     Power consumption   //-   ·/-   ·/-   ·/-   ·/-   ·/-     Mains voltage   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   1110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   1110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110   110   110		-/•	-/•	-/•	-/•
Audio input (analoge), Jack connector/Cinch   -/-   -/-   +/-   -/-     Power consumption   -/-   -/-   +/-   -/-     Mains voltage   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   110-240V ~ 50/60Hz   111     Power supply 1   internal   internal <t< td=""><td></td><td>•/•/-</td><td>•/•/-</td><td>•/•/-</td><td>•/•/-</td></t<>		•/•/-	•/•/-	•/•/-	•/•/-
Power consumption     Internal     Internal <td></td> <td></td> <td></td> <td></td> <td>-/-</td>					-/-
Mains voltage     110-240V ~ 50/60Hz     110-240V ~ 5					
Power supply 1     internal		110-240V ~ 50/60Hz	110-240V ~ 50/60Hz	110-240V ~ 50/60Hz	110-240V ~ 50/60Hz
Power consumption on mode (SDR) <sup>2</sup> [W]   61   46   41   32     Energy efficiency class on-mode (SDR)   G   G   G   F     Power consumption in use HDR [W]   n.a.   n.a.   n.a.   n.a.   n.a.     Energy efficiency class HDR   n.a.   n.a.   n.a.   n.a.   n.a.   n.a.   n.a.     Power consumption in use HDR [W]   n.a.					internal
Energy efficiency class on-mode (SDR)     G     G     G     F       Power consumption in use HDR [W]     n.a.     <	11 /				31
Power consumption in use HDR [W]   n.a.   n.a. <td></td> <td></td> <td></td> <td></td> <td></td>					
Energy efficiency class HDR     n.a.     n.a. <t< td=""><td></td><td></td><td></td><td></td><td>n.a.</td></t<>					n.a.
Power consumption in networked standby mode [W]   n.a.					n.a.
Power consumption in standby mode [W]     0,45     0,34     0,45     0,0       Peak luminance ratio [%]     0,00     85     0,00     9       Dimensions / Weight     Width [cm]     89,4     89,4     72,1     7       Width [cm]     55,3 / 51,6     55,3 / 51,6     45,5 / 42,1     4       Depth with base / without base [cm]     20,5 / 9,0     20,5 / 9,0     16,6 / 8,9     16       Weight with base / without base [kg]     6,1 / 6,0     6,1 / 6,0     3,6 / 3,5     3,       Wallmount width x height [cm] VESA     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V       Other information     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V	<i>.</i> ,				n.a.
Peak luminance ratio [%]     0,00     85     0,00     9       Dimensions / Weight					0,35
Dimensions / Weight     89,4     89,4     72,1     72       Width [cm]     89,4     89,4     72,1     72       Height with base / without base [cm]     55,3 / 51,6     55,3 / 51,6     45,5 / 42,1     4       Depth with base / without base [cm]     20,5 / 9,0     20,5 / 9,0     16,6 / 8,9     16       Weight with base / without base [kg]     6,1 / 6,0     6,1 / 6,0     3,6 / 3,5     3,       Wallmount width x height [cm] VESA     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V       Other information     VESA 20 x 30     VESA 10 x 10     V     X	, , , , , , , , , , , , , , , , , , , ,				90
Width [cm]     89,4     89,4     72,1     72       Height with base / without base [cm]     55,3 / 51,6     55,3 / 51,6     45,5 / 42,1     4       Depth with base / without base [cm]     20,5 / 9,0     20,5 / 9,0     16,6 / 8,9     16       Weight with base / without base [kg]     6,1 / 6,0     6,1 / 6,0     3,6 / 3,5     3,       Wallmount width x height [cm] VESA     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V       Other information		-, , , , , , , , , , , , , , , , , , ,		-,••	
Height with base / without base [cm]   55,3 / 51,6   55,3 / 51,6   45,5 / 42,1   4     Depth with base / without base [cm]   20,5 / 9,0   20,5 / 9,0   16,6 / 8,9   16     Weight with base / without base [kg]   6,1 / 6,0   6,1 / 6,0   3,6 / 3,5   3,     Wallmount width x height [cm] VESA   VESA 20 x 30   VESA 20 x 30   VESA 10 x 10   V     Other information	5	89.4	89.4	72 1	72,0
Depth with base / without base [cm]     20,5 / 9,0     20,5 / 9,0     16,6 / 8,9     14       Weight with base / without base [kg]     6,1 / 6,0     6,1 / 6,0     3,6 / 3,5     3,       Wallmount width x height [cm] VESA     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V       Other information     VESA 20 x 30					45,6 / 42,1
Weight with base / without base [kg]     6,1/6,0     6,1/6,0     3,6/3,5     3,       Wallmount width x height [cm] VESA     VESA 20 x 30     VESA 20 x 30     VESA 10 x 10     V       Other information     VESA 20 x 30     VESA 10 x 10     V	· · ·				16,6 / 8,9
Wallmount width x height [cm] VESA VESA 20 x 30 VESA 20 x 30 VESA 10 x 10 V   Other information VESA 20 x 30 VESA 10 x 10 V					3,9 / 3,8
Other information	5				VESA 10 x 10
				VESA IONIO	
		40 57313 021522	40 57313 022204	48 95018 220907	40 57313022297
					40 57313022287 0
					no

<sup>1</sup> power supply unit internal, external, standardized

<sup>2</sup> in delivery condition

<sup>3</sup> within prescribed legal limits

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