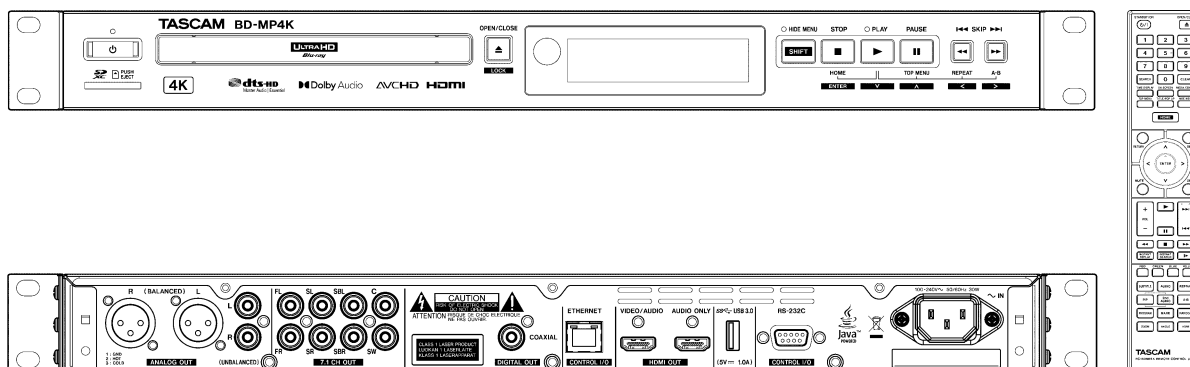


Dec, 2020

Product Spec Sheet

BLU-RAY DISC PLAYER

BD-MP4K



■ Specifications

General

• Supported media

Disc media

Blu-ray:	4K Ultra HD BD, BD25, BD50, BD-ROM, BD-R, BD-RE
DVD:	DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW
CD:	CD-DA, CD-R, CD-RW

Disc formats

Blu-ray:	BDMV, BDAV
DVD:	DVD-Video, DVD-VR, AVCHD

Supported file formats*

Video:	ASF, MPG, AVI, 3GP, DAT, MKV, MOV, M2TS, OGM, TP, TS, MP4, WMV
Audio:	WAV, MP3, WMA, AAC, FLAC, APE
Picture:	JPEG, GIF, PNG

*USB flash drives and SD cards must be formatted with FAT16, FAT32, exFAT or NTFS file systems.

• Audio

BD/DVD/USB/SD

Sampling frequency:	44.1/48/64/88.2/96/176.4/192 kHz
Bit length:	16/24 bit

CD

Sampling frequency:	44.1/48 kHz
Bit length:	16/24 bit

MP3/WMA

Sampling frequency:	32/44.1/48 kHz
Bit rate MP3:	112 kbps – 320 kbps
WMA:	48 kbps – 192 kbps
Ver. 9 standard only, DRM not supported	

Outputs

• HDMI output

VIDEO/AUDIO port

Connector:	19-pin Type A HDMI
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Version:	2.0
Resolution:	480i/576i, 480p/576p, 720p, 1080i, 1080p, 2160p*
Aspect ratio:	16:9 Full, 16:9 Normal, 4:3 Pan & Scan, 4:3 Letterbox
Video format:	NTSC, PAL, Multi
HDMI signal system:	RGB PC level, RGB Video level, YCbCr (4:4:4), YCbCr (4:2:2)

*A display and a cable that supports 2160p output are necessary.

AUDIO ONLY port*

Connector:	19-pin Type A HDMI
Version:	1.4

*Video signals are not output from the AUDIO ONLY port.

•Digital Audio output

COAXIAL

Connector:	RCA pin jack
Format:	IEC60958-3 (S/PDIF)
Output impedance:	75 Ω

•Analog audio outputs

Balanced

Connectors:	XLR-3-32 (1: GND, 2: HOT, 3: COLD) x2 (stereo)
Nominal output level:	+4 dBV (1.23 Vrms)
Maximum output level:	+20 dBV (7.75 Vrms)
Output impedance:	200 Ω

Unbalanced

Connectors:	RCA pin jacks × 2 (stereo)
Nominal output level:	-10 dBV (0.316 Vrms)
Maximum output level:	+6 dBV (2.0 Vrms)
Output impedance:	200 Ω

7.1ch Audio outputs

Connectors:	RCA pin jacks × 8 (FL/FR/SL/SR/SBL/SBR/C/SW)
Connector Colors:	FL, SL, SBL-White/FR, SR, SBR-Red/C, SW-Black
Nominal output level:	-10 dBV (0.316 Vrms)
Maximum output level:	+6 dBV (2.0 Vrms)
Output impedance:	200 Ω

Control input/output

•RS-232C connector

Connector:	9-pin D-sub
Format:	RS-232C

•Ethernet connector

Connector:	RJ-45
Supported standards:	10 BASE-T, 100 BASE-TX, 1000 BASE-T
Protocols:	SMB1/CIFS Used for playback from network TCP/IP Used for control with dedicated protocol

•USB port

Connector:	USB type-A
Protocol:	USB 3.0 compliant
Rated supply voltage:	DC 5 V, 1 A
Mass storage class:	2 TB (MAX)
Supported file systems:	FAT16, FAT32, exFAT, NTFS

•SD slot

Supported media:	SD (512 MB – 2 GB), SDHC (4 GB – 32 GB), SDXC (64 GB – 512 GB)
Maximum capacity:	512 GB
Supported file systems:	FAT16, FAT32, exFAT

Audio performance

Frequency response:	20 Hz – 20 kHz +/-0.5 dB (44.1/48 kHz sampling frequency, JEITA)
S/N ratio:	> 96 dB (during playback, JEITA)
Distortion:	< 0.03% at 1 kHz (JEITA)
Dynamic range:	> 96 dB (JEITA)
Channel separation:	> 89 dB (JEITA)

Other

Power

AC 100 – 240 V, 50 – 60 Hz

Power consumption

30 W

Dimensions

482.8 × 44 × 280.7 mm (W x H x D, including protrusions)

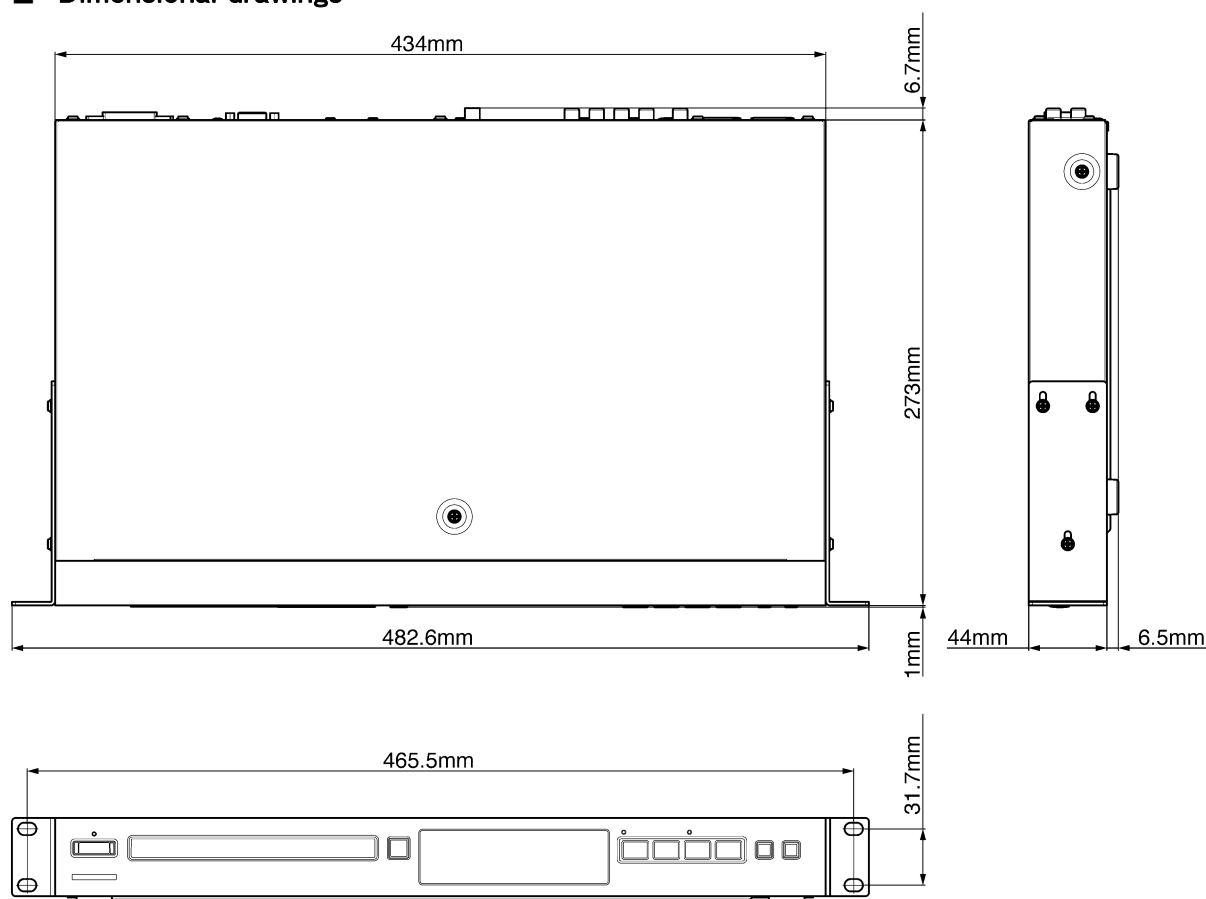
Weight

2.78 kg

Operating temperature range

5 – 35°C (41 – 95°F)

■ Dimensional drawings



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※All information included in this document is as of Dec, 2020.