

BD-MP1

Professional Blu-Ray Player for Touring and Installation



The BD-MP1 is a robust, single-rackspace multi-media video player for professional applications like permanent installation in the contractor market and touring. Building on the success of the Tascam BD-01U, this high-definition playback device can be controlled via LAN, RS-232C and a wireless remote control and is therefore an ideal component of integrated media systems. Nevertheless, all menu operation can also be controlled with keys on the front panel. Apart from Blu-ray discs, DVD and CD media, the BD-MP1 can play several formats of audio files and still images stored on SD cards or USB flash media.

The BD-MP1 offers eight audio outputs for 7.1 surround sound, a pair of balanced XLR and RCA unbalanced stereo outputs, a coaxial digital audio output for SPDIF, Dolby and DTS signals and an HDMI audio/video output. The analogue and digital output levels can be attenuated up to 40 dB. Other professional features include system control over HDMI (HDMI CEC), NTSC/PAL conversion, defeatable on-screen information for the connected display, a power-on play function, chapter/title/A–B repeat, instant replay and resume after power-on.

Tascam channels the years of experience gained with the DV-D01U and BD-01U predecessors to create a reliable video player for commercial AV, education, house of worship, boardroom and other high-stress installs or live touring.

Videos

Introduction on ISE 2020

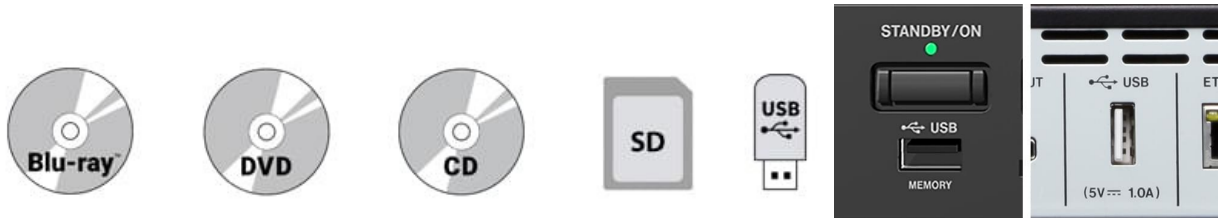
Overview over Tascam pro-grade Blu-ray players

Details

Playback From a Variety of Media Types

The versatile BD-MP1 can automatically play back content in a wide range of file formats via any of the three front-panel media input slots, including Blu-ray, DVD, CD, USB Flash Memory and SD card. Offering single-source playback for a wide range of media and file formats, the BD-MP1 eliminates the need for discrete audio/video playback devices in an installation. Its extensive range of file formats includes

- video formats like MPEG1, MPEG2, MPEG4 AVC, VC-1, AVCHD and WMV,
- image formats like JPEG, GIF and PNG as well as
- audio formats like LPCM, MP3, AAC and WMA.



Dual USB Memory Ports

Two USB memory ports, one on the front panel and one on the back panel, allow fixed or interchangeable access to USB memory data for playback versatility.

Professional Features for Professional Operation

Power-on Play and Repeat Mode

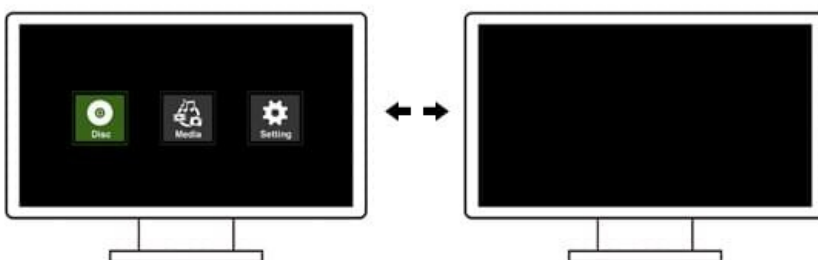
The unique Power-on Play feature allows the BD-MP1 to start playing desired content immediately on power-up, without having to engage the Play feature first. With Repeat Mode activated, content will automatically start, loop and play continuously until power is turned off.

Panel Lock for Secure Operation

Panel lock, IR and tray lock functions prevent accidental or user-error operation or alteration of pre-set controls in commercial environments, helping ensure consistent and reliable performance in any installation.

Elegant Power-Up Display Sequence

The monitor display can be set to show a black screen during start up rather than the manufacturer's screen with menu items, creating an elegant and non-distracting visual start-up environment each time the system is turned on.



All the Outputs You Wish For



HDMI Output for Projectors and Screens

A standard HDMI output provides easy, reliable plug-and-play connection to any HDMI-compatible monitor display, projector or television. This output supports HDMI CEC which allows the connected display to be switched on/off in correct order.



Balanced and Unbalanced Outputs

Highlighting its appeal to commercial installation environments, the BD-MP1 offers professional-grade XLR balanced stereo analogue outputs as well as RCA unbalanced stereo outputs for versatility in audio routing, connection and setup.



Coaxial Digital Audio Output

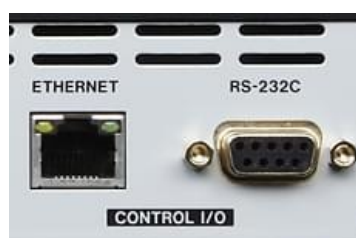
The BD-MP1 provides support for professional-grade digital audio output formats including Dolby, DTS, and others via its rear-panel coaxial output. Playback of two-channel linear PCM is also supported.



7.1 Surround Sound System

For immersive and full, rich audio playback in any commercial installation, separate 7.1 Surround Sound outputs are provided. Use these outputs to feed an appropriate Surround amplifier or separate power amplifiers for larger locations.

Several Control Options



External Remote Control via LAN and RS-232C

Seamless, reliable two-way device status feedback and control is offered for professional installations via RS-232C and Ethernet, enabling the BD-MP1 to be integrated into more sophisticated Audio/Video setups.



Infrared Remote Control

The included IR remote control allows most of the functions and menus to be operated with ease.

Fully Accessible Control Panel

Control and operation of the BD-MP1's Stop, Play, Pause and Fast Forward functions as well as navigation of the menu is made possible by easily accessible front-panel control buttons which can be locked as desired to avoid inadvertent operation by unauthorised persons.



Features at a glance

- Single-rackspace Blu-ray, DVD, CD and solid-state player
- Controllable via Ethernet network (Telnet), RS-232C or wireless remote control
- Plays video and audio material stored on following media:
 - BD25, BD50, BD-ROM, BD-R, BD-RE
 - DVD, DVD+R, DVD-R, DVD+RW, DVD-RW
 - CD, CD-R, CD-RW
 - SD cards (up to 32 GB)
 - USB flash media
- Support for a wide range of file formats
- NTSC/PAL conversion
- BD-Live function
- HDMI high-definition audio/video out, supports HDMI CEC which allows the connected display to be switched on/off in correct order
- Separate 7.1 surround sound outputs
- XLR balanced and RCA unbalanced stereo outputs
- Up to 40 dB attenuation for analogue and digital stereo outputs
- Coaxial digital audio output (SPDIF, Dolby, DTS)
- Power-on play (start playback when power comes up)
- Resume (continue after power cycle)
- Repeat (chapter, title, A–B)
- Instant replay (10 seconds)
- Lock function (panel, tray, or IR remote)
- On-screen information switchable on or off
- Dimmable front-panel display
- Firmware update via disc or USB memory
- Infrared remote control included as standard

Related products



BD-MP4K: Professional 4K/UHD Blu-Ray/Multi-Media Player for Touring and Installation



VS-R265: 4K/UHD Live Streaming Hardware Encoder/Decoder



VS-R264: Full HD Live Streaming Hardware Encoder/Decoder



MZ-223: 3-Zone Installation Mixer



Specifications

Media

Blu-ray	BD25, BD50, BD-ROM, BD-R, BD-RE
Disc formats	BDMV, BDAV
DVD	DVD, DVD+R, DVD-R, DVD+RW, DVD-RW
Disc formats	DVD-Video, DVD-VR, AVCHD
CD	CD-DA, CD-R, CD-RW
SD	SD card with up to 32 GB total capacity
Supported file systems	FAT16, FAT32, exFAT, NTFS
USB	USB flash drive (mass storage class) with up to 2 TB total capacity
Supported file systems	FAT16, FAT32, NTFS

Supported file formats

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

Audio resolution

BD/DVD/USB/SD	Sampling frequency: 44.1/48/64/88.2/96/176.4/192 kHz Bit width: 16/24 bit
CD	Sampling frequency: 44.1/48 kHz Bit width: 16/24 bit
MP3/WMA	Sampling frequency: 32/44.1/48 kHz Bit width: 16/24 bit MP3 bit rate: 112–320 kbit/s WMA bit rate: 48–192 kbit/s

Video

Resolutions	Auto, 480i/576i, 480p/576p, 720p, 1080i, 1080p
Aspect ratios	16:9 Full, 16:9 Normal, 4:3 Pan & Scan, 4:3 Letterbox
Colour systems	NTSC, PAL, Multi (if supported by TV)
HDMI colour space	RGB PC Level, RGB Video Level, YCbCr (4:4:4), YCbCr (4:2:2)

Analogue audio outputs

Balanced	XLR-3-32 (1: GND, 2: HOT, 3: COLD)
Nominal output level	+4 dBu (1.23 Vrms)
Maximum output level	+20 dBu (7.75 Vrms)
Output impedance	200 Ω
Unbalanced	RCA pin jacks
Nominal output level	−10 dBV (0.316 Vrms)
Maximum output level	+6 dBV (2.0 Vrms)
Output impedance	200 Ω
7.1	8 × RCA pin jacks
Nominal output level	−10 dBV (0.316 Vrms)
Maximum output level	+6 dBV (2.0 Vrms)
Output impedance	200 Ω

Audio performance

Frequency response	20 Hz – 20 kHz, ±0.5 dB
Signal-to-noise ratio	> 96 dB (JEITA)
Total harmonic distortion	< 0.03 % (1 kHz, JEITA)
Dvnamic range	> 96 dB (JEITA)

Dynamic range	100 dB (typical)
Channel separation	> 89 dB
Digital outputs	
HDMI output	19-pin HDMI, Type A
Coaxial audio output	RCA pin jack
Format	IEC 60958-3 (SPDIF)
Output impedance	75 Ω
Other inputs and outputs	
RS-232C	D-sub 9-pin
Mode	Full duplex
Baud rate	9600, 38400 bits/s (selectable)
Ethernet	RJ45
Supported standards	10BASE-T, 100BASE-TX
USB	USB A-type (1 $\times$ front, 1 $\times$ rear)
Protocol	USB 2.0 compliant
Rated supply voltage	DC 5 V, 1 A
Power supply and other specifications	
Power connector	IEC receptacle
Power requirements	AC 100–240 V, 50/60 Hz
Power consumption	30 W (typical) < 0.5 W (standby)
Dimensions (W $\times$ H $\times$ D)	483 mm $\times$ 44 mm $\times$ 281 mm
Weight	3 kg
Permissible operating temperature	5–35 $^{\circ}\text{C}$
Permissible operating humidity	25–85 %, no condensation
Included accessories	IR remote control (RC-BDMP1), AC power cable, rack-mounting kit (4 screws, 4 washers), Owner's manual

Design and specifications subject to change without notice.

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