

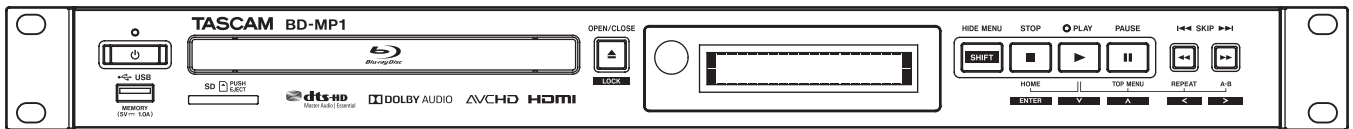
TASCAM

D01372220A




BD-MP1

BLU-RAY DISC PLAYER

OWNER'S MANUAL



IMPORTANT SAFETY INSTRUCTIONS

	<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>
	<p>The lightning flash with arrowhead symbol, within equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>
	<p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.

- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.
- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

WARNING

- Products with Class I construction are equipped with a power supply cord that has a grounding plug. The cord of such a product must be plugged into an AC outlet that has a protective grounding connection.

WARNING

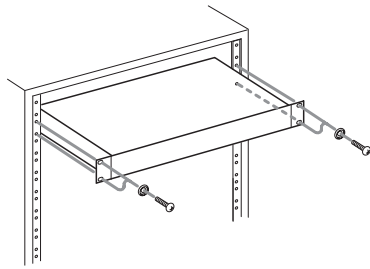
- To prevent possible hearing damage, do not listen at high volume levels for long periods.



IMPORTANT SAFETY INSTRUCTIONS

RACK-MOUNTING THE UNIT

Use the supplied rackmount kit to mount the unit in a standard 19-inch rack, as shown below.



ATTENTION

- Leave 1U of space above the unit for ventilation.
- Allow at least 10 cm (4 in) at the rear of the unit for ventilation.

Model for USA

Declaration of Conformity

Model Number: BD-MP1

Trade Name: TASCAM

Responsible party: TEAC AMERICA, INC.

Address: 10410 Pioneer Blvd. Suite #1, Santa Fe Springs,
California 90670, U.S.A.

Telephone number: 1-323-726-0303



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- a) Reorient or relocate the receiving antenna.
- b) Increase the separation between the equipment and receiver.
- c) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- d) Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance could void the user's authority to operate this equipment.

Laser information

This product contains a semiconductor laser system inside the cabinet and is classified as a "CLASS 1 LASER PRODUCT". To prevent being exposed to the laser beam, do not try to open the enclosure.

Notes on Laser Product

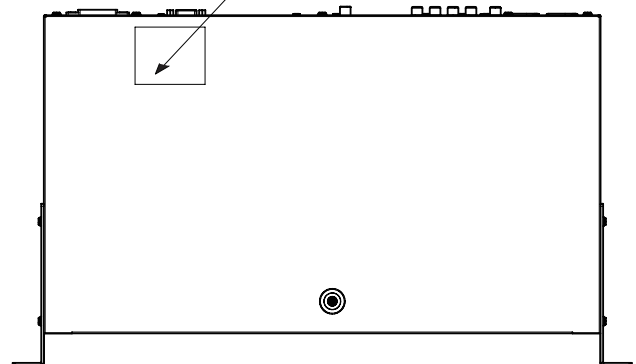
This product has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, subchapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as a class 1 laser product. There is no hazardous invisible laser radiation during operation because invisible laser radiation emitted inside of this product is completely confined in the protective housings.

The label required in this regulation is shown at ①.

①

For USA

CERTIFICATION
THIS PRODUCT COMPLIES WITH 21 CFR 1040.10
AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT
TO LASER NOTICE NO. 50, DATED JUNE 24, 2007.



CAUTION

- DO NOT REMOVE THE PROTECTIVE HOUSING USING A SCREWDRIVER.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

Optical pickup

Type: SL6167

Manufacturer: Sony Corporation

Laser output: Less than 100 mW on the objective lens (CD)
Less than 100 mW on the objective lens (DVD)

Wavelength: 770 - 800 nm (CD) typ.
650 - 664 nm (DVD) typ.

Optical pickup

Type: SLD3134VL

Manufacturer: Sony Corporation

Laser output: Less than 700 mW on the objective lens (BD)
Wavelength: 400 - 410 nm (BD) typ.

IMPORTANT SAFETY INSTRUCTIONS

Optical pickup

Type: SL6169

Manufacturer: Sony Corporation

Laser output: Less than 150 mW on the objective lens (CD)
Less than 150 mW on the objective lens (DVD)

Wavelength: 770 - 800 nm (CD) typ.
650 - 664 nm (DVD) typ.

Optical pickup

Type: SLD3135VL

Manufacturer: Sony Corporation

Laser output: Less than 700 mW on the objective lens (BD)

Wavelength: 400 - 410 nm (BD) typ.

IN USA/CANADA, USE ONLY ON 120 V SUPPLY.

Model for Canada

THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

Labeling of authorization

CAN ICES-3(B)/NMB-3(B)

Compliance of interference

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Modèle pour le Canada

CET APPAREIL NUMERIQUE DE LA CLASSE B EST CONFORME A LA NORME NMB-003 DU CANADA.

Marquage d'autorisation

CAN ICES-3(B)/NMB-3(B)

Conformité de l'émetteur radio et interférences

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

IMPORTANT SAFETY INSTRUCTIONS



CAUTIONS ABOUT BATTERIES

This product uses batteries. Misuse of batteries could cause a leak, rupture or other trouble. Always abide by the following precautions when using batteries.

- Never recharge non-rechargeable batteries. The batteries could rupture or leak, causing fire or injury.
- When installing batteries, pay attention to the polarity indications (plus/minus (+/-) orientation), and install them correctly in the battery compartment as indicated. Putting them in backward could make the batteries rupture or leak, causing fire, injury or stains around them.
- When you store or dispose batteries, isolate their terminals with insulation tape or something like that to prevent them from contacting other batteries or metallic objects.
- When throwing used batteries away, follow the disposal instructions indicated on the batteries and the local disposal laws.
- Do not use batteries other than those specified. Do not mix and use new and old batteries or different types of batteries together. The batteries could rupture or leak, causing fire, injury or stains around them.
- Do not carry or store batteries together with small metal objects. The batteries could short, causing leak, rupture or other trouble.
- Do not heat or disassemble batteries. Do not put them in fire or water. Batteries could rupture or leak, causing fire, injury or stains around them.
- If the battery fluid leaks, wipe away any fluid on the battery case before inserting new batteries. If the battery fluid gets in an eye, it could cause loss of eyesight. If fluid does enter an eye, wash it out thoroughly with clean water without rubbing the eye and then consult a doctor immediately. If the fluid gets on a person's body or clothing, it could cause skin injuries or burns. If this should happen, wash it off with clean water and then consult a doctor immediately.
- The unit power should be off when you install and replace batteries.
- Remove the batteries if you do not plan to use the unit for a long time. Batteries could rupture or leak, causing fire, injury or stains around them. If the battery fluid leaks, wipe away any fluid on the battery compartment before inserting new batteries.
- Do not disassemble a battery. The acid inside the battery could harm skin or clothing.

For European Customers

Disposal of electrical and electronic equipment and batteries and/or accumulators

- (a) All electrical/electronic equipment and waste batteries/accumulators should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of electrical/electronic equipment and waste batteries/accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste electrical/electronic equipment and batteries/accumulators can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- (d) The Waste Electrical and Electronic Equipment (WEEE) symbols, which show wheeled bins that have been crossed out, indicate that electrical/electronic equipment and batteries/accumulators must be collected and disposed of separately from household waste.

If a battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) as defined in the Battery Directive (2006/66/EC), then the chemical symbols for those elements will be indicated beneath the WEEE symbol.

Pb, Hg, Cd
- (e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical/electronic equipment and waste batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the equipment.

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Introduction

Thank you very much for purchasing the TASCAM BD-MP1 BLU-RAY DISC PLAYER.

Before using this unit, read this Owner's Manual carefully so that you will be able to use it correctly and enjoy working with it for many years. After you have finished reading this manual, please keep it in a safe place for future reference.

You can also download this Owner's Manual from the TEAC Global Site (<http://teac-global.com/>).

Included items

This product includes the following items.

Take care when opening the package to avoid damaging the items. Keep the box and packing materials for transportation in the future.

Please contact the store where you purchased this unit if any of these items are missing or have been damaged during transportation.

- Main unit× 1
- Power cord set.....× 1
- Wireless remote control (TASCAM RC-BDMP1)× 1
- AAA batteries.....× 2
- Rackmount screw kit.....× 4
 - Items included in kit
 - Rackmount ears (left and right).....× 2
 - Screws for ear attachment× 6
 - Screws for attachment to rack× 4
 - Washers (for rack)× 4
- Owner's Manual (this document) including warranty× 1

Conventions used in this manual

In this manual, we use the following conventions:

- SD/SDHC memory cards are called "SD cards".
- "USB flash drives" are sometimes called "USB drives".
- The CD-DA format is sometimes called the "audio CD" format. In addition, CDs with tracks recorded in the audio CD format are sometimes called "audio CDs".
- CDs with MP3 or WMA files are called "data CDs".
- The input source that is currently selected is called the "current source".
- The folder that is currently selected is called the "current folder".
- As necessary, additional information is provided under TIP, NOTE and CAUTION headings.

TIP

These are tips about how to use the unit.

NOTE

These provide additional explanations and describe special cases.

ATTENTION

Failure to follow these instructions could result in damage to equipment or lost data, for example.

CAUTION

Failure to follow these instructions could result in injury.

Features

- A wide range of formats is supported for discs and for video, image and audio files.

Supported disc formats

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

Supported file formats

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

- Along with numerous types of Blu-ray discs, DVDs and CDs, SD cards and USB flash drives are also supported.

- Power on play and repeat modes

The power on play function enables automatic playback of content when the unit is turned on. Moreover, by setting a repeat mode, the same video can be automatically played repeatedly after the power is turned on.

- Seamless repetition of individual chapters, titles and A-B repeat intervals is possible.

- Extensive lock functions to prevent accidents caused by misoperation

The panel lock, IR lock and tray lock functions prevent misoperation by users and changes after setup in commercial facilities.

- HIDE MENU function

Using the HIDE MENU function, the HOME screen can be set to be shown or hidden (blacked out). This is useful for smooth content playback in public venues.

- Dual USB flash drive ports

Ports for USB flash drives are available on both the front and back of the unit. This enables flexible support for USB flash drives that are used constantly as well as temporarily.

- The HDMI output connector on the back of the unit is a standard inclusion. This enables output to monitors and TVs that support HDMI.

- Balanced and unbalanced output jacks

For audio output, in addition to unbalanced RCA outputs, balanced XLR output jacks with high reliability are included. Enables working flexibly with a variety of professional equipment.

- Coaxial digital audio output

The coaxial digital audio output on the back of the unit supports Dolby Audio, DTS-HD and other professional grade digital audio output formats. Moreover, two-channel linear PCM playback is also possible.

- 7.1 analog output (8 RCA jacks)

Front left and right, center, side left and right, surround back left and right and subwoofer output jacks are included for 7.1 surround systems. These enable realization of rich three-dimensional audio experiences.

- Support for external control using Ethernet/RS-232C

This unit has Ethernet and RS-232C ports for external control. These enable seamless integration in audiovisual installations that require seamless remote control with high reliability.

- Even without a remote control, buttons on the front of the unit enable playback, stopping, pausing, and searching forward and backward, as well as easy operations to make menu settings, for example, using the shift mode.

In addition, the panel lock function can prevent misuse of the operation buttons.

- Compact 1U rackmount size
Constructed with a tough metal body that has outstanding durability, the compact 1U size contributes to saving space in professional racks and fixed installations.

Trademarks and copyrights

- It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, or rent copyrighted material without permission. Commercial BD-video/DVD-video discs are copy-protected, and any recordings made from these discs will be distorted. This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.
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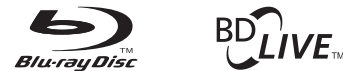
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- AVCHD and the AVCHD logo are trademarks of Panasonic Corporation and Sony Corporation.



- “x.v.Color” and “x.v.Color” logo are trademarks of Sony Corporation.

x.v.Color

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- TASCAM is a registered trademark of TEAC Corporation.
- Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners.

Information is given about products in this manual only for the purpose of example and does not indicate any guarantees against infringements of third-party intellectual property rights and other rights related to them. TEAC Corporation will bear no responsibility for infringements on third-party intellectual property rights or their occurrence because of the use of these products.

With the exception of personal enjoyment and similar uses, copyrighted materials belonging to third parties cannot be used without permission from the rights holders in accordance with copyright law. Please use the equipment appropriately.
TEAC Corporation will bear no responsibility for rights infringements committed by users of this product.

Precautions for placement and use

- The operating temperature range of this unit is 5–35 °C.
- Do not install this unit in the following types of locations. Doing so could make the sound quality worse or cause malfunction.
 - Locations with frequent vibrations
 - Near windows or other places exposed to direct sunlight
 - Near heaters or other extremely hot places
 - Extremely cold places
 - Very humid or poorly ventilated places
 - Very dusty places
- Install the unit so that it is level.
- To enable good heat dissipation, do not place anything on top of the unit.
- Do not place the unit on top of a power amplifier or other device that generates heat.

Using the TEAC Global Site

You can download updates for this unit from the TEAC Global Site:

<http://teac-global.com/>

In the TASCAM Downloads section, select the desired language to open the Downloads website page for that language.

Product registration

Customers in the USA, please visit the following TASCAM website to register your TASCAM product online.

<https://tascam.com/us/>

Beware of condensation

Condensation could occur if the unit is moved from a cold place to a warm place, it is used immediately after a cold room has been heated or it is otherwise exposed to a sudden temperature change. To prevent this, or if this occurs, let the unit sit for one or two hours at the new room temperature before using it.

Cleaning the unit

Use a dry soft cloth to wipe the unit clean. Do not wipe with chemical cleaning cloths, thinner, alcohol or other chemical agents. Doing so could damage the surface or cause discoloration.

Notes about power supplies

- Insert the included power cord all the way into the AC IN connector.
- Do not connect a power supply other than one that is 100V AC (50/60Hz).
- Hold the power cord by its plug when connecting or disconnecting it.

About TASCAM customer support service

TASCAM products are supported and warranted only in their country/region of purchase.

To receive support after purchase, on the TASCAM Distributors list page of the TEAC Global Site (<http://teac-global.com/>), search for the local company or representative for the region where you purchased the product and contact that organization.

When making inquiries, the address (URL) of the shop or web shop where it was purchased and the purchase date are required.

Moreover, the warranty card and proof of purchase might also be necessary.

SD cards and USB flash drives

This unit can use SD cards and USB flash drives for playback.

A list of SD cards and USB flash drives that have been confirmed for use with this unit can be found on the TEAC Global Site (<http://teac-global.com>). Check the page for this product. You can also contact TASCAM customer support service.

Precautions for use

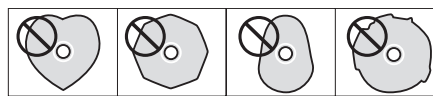
SD cards and USB flash drives are delicate media.

In order to avoid damaging SD cards and USB flash drives, please take the following precautions when handling them.

- Do not leave them in extremely hot or cold places.
- Do not leave them in extremely humid places.
- Do not let them get wet.
- Do not put things on top of them or twist them.
- Do not hit them.
- Do not remove or insert them during playback, data transmission or other access.
- When transporting them, put them into cases, for example.

Handling discs

- Load discs with their recorded sides down.
- Load discs when the disc tray is completely open.
- Align discs with the tray guide and place them so they are level.
- Do not touch the recorded (unlabeled) side. Fingerprints, oils and other substances can cause errors during playback.
- If fingerprints or dust adhere to the recorded side of a disc, wipe it gently with a soft dry cloth from the center towards the outside edge.
- Dirt on discs can lower video and sound quality, so clean them and always store them in a clean state.
- Do not use any record spray, anti-static solutions, benzene, paint thinner or other chemical agents to clean discs as they could damage the delicate playing surface. It may cause discs to become unplayable.
- Do not apply labels or other materials to discs. Do not use discs that have glue or sticky residue from having had tape, stickers or other materials applied to their surface. Such discs could become stuck in the unit or cause it to malfunction.
- Never use commercially-available disc stabilizers. Using stabilizers with this player could prevent playback or damage the unit.
- Do not use cracked discs.
- Do not use discs that are irregularly shaped, including discs shaped like hearts, business cards and octagons because using such discs could cause the unit to malfunction.



- Copy Control CDs have been sold by several record companies in an attempt to protect their copyrights. Since some of these discs do not comply with the CD specifications, they may not be playable on the unit.

NOTE

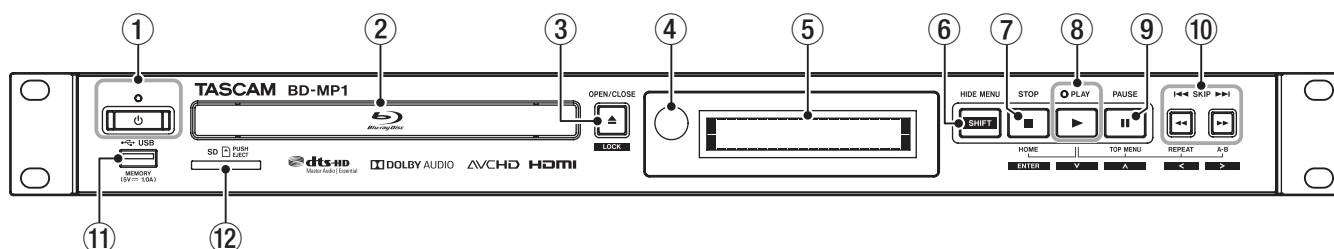
If a disc that cannot be played back or a disc that is upside down is loaded in the unit, "NO DISC" will appear on the display.

ATTENTION

- Only load one disc at a time. Loading two or more discs at the same time could cause malfunction and damage the discs.
- Do not push the disc tray in when the power is in standby. Doing so could cause malfunction.

Names and functions of parts

Front panel



① **⏻ button and indicator**

Use to turn the unit on and off (put it into standby).
The indicator lights red when the power is off (in standby) and green when on.

⚠ CAUTION

Before turning the unit on, lower the volumes of connected equipment to their minimum levels.
Failure to do so could result in a sudden loud noise that could harm hearing, for example.

⚠ ATTENTION

Do not turn the power on/off when the unit is playing any media or reading data from an SD card or USB flash drive. Doing so could make the unit stop operating properly and cause data on the SD card or USB flash drive to be damaged.

② **Disc tray**

Press the **OPEN/CLOSE [LOCK]** button to open the disc tray and load/remove a disc. To close the disc tray, press the **OPEN/CLOSE [LOCK]** button.

③ **OPEN/CLOSE [LOCK] (▲) button**

Use to open and close the disc tray usually.
Press while pressing the **HIDE MENU [SHIFT]** button to enable the front panel lock function.
Do this again to disable the lock function.

④ **Remote control signal receiver**

Signals from remote controls are received here. When operating the remote control, point it toward this receiver.

⑤ **Display**

This shows various types of information.

⑥ **HIDE MENU [SHIFT] button**

When the HOME screen is open, press this to hide it. Moreover, this button can be pressed at the same time as another button to enable the shift mode and use the shift function of that button (shown as light lettering on a black background).

⑦ **STOP [ENTER] (HOME) (■) button**

When a video file is being played, paused or searched, press to stop that operation and return to the HOME screen.
When an audio file is being played, paused or searched, press to stop playback or searching.
When the HOME screen or Default Settings Screen is open, press at the same time as the **HIDE MENU [SHIFT]** button to enable shift mode and use this as the **ENTER** button.

⑧ **PLAY [V] (▶) button/indicator**

Press when stopped or in playback standby to start playback. The indicator lights green during playback and is unlit at all other times.

When the HOME screen or Default Settings Screen is open, press at the same time as the **HIDE MENU [SHIFT]** button to enable shift mode and use this as the move cursor down (∨) button.

⑨ **PAUSE [^] (||) (TOP MENU) button**

Press when playing back to pause playback.
When the HOME screen or Default Settings Screen is open, press at the same time as the **HIDE MENU [SHIFT]** button to enable shift mode and use this as the move cursor up (^) button.

⑩ **SKIP [◀/▶] (</>) (REPEAT/A-B) buttons**

Press when playing back or paused to skip to the previous or next chapter or file.
(Playback will start after skipping.)

Press and hold when playing back or paused to search backward/forward. The search speed changes (among 5 speeds) each time the button is pressed and held.
(To resume playing back or to pause when searching backward/forward, press the **PLAY [V] (▶)** or **PAUSE [^] (||)** button.

When the HOME screen or Default Settings Screen is open, press at the same time as the **HIDE MENU [SHIFT]** button to enable shift mode and use as the move cursor left/right (</>) buttons.

⑪ **USB port**

Connect/disconnect USB flash drives here.
Audio, video and other files can be played back from a connected USB flash drive. Moreover, this can be used to load update files for firmware updates.

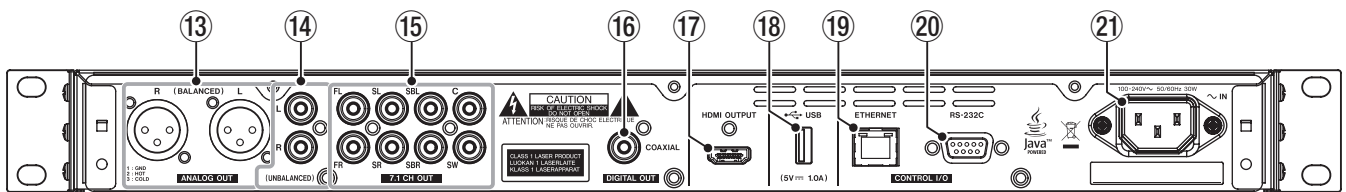
⑫ **SD card slot**

Insert an SD card in this slot.
Audio, video and other files can be played back from a connected SD card.

Button combinations and the unit's behavior

Button combination		Button press	Behavior
SHIFT	▲	Simultaneous press	Changes the LOCK setting.
SHIFT	■	Simultaneous press	Confirms or selects menu items.
SHIFT	▶	Simultaneous press	∨ (down)
SHIFT		Simultaneous press	∧ (up)
SHIFT	◀◀	Simultaneous press	< (left)
SHIFT	▶▶	Simultaneous press	> (right)
▶	■	Simultaneous press	Displays the HOME screen.
▶		Simultaneous press	Displays the top menu/title menu of the disc.
▶	◀◀	Simultaneous press	Selects repeat modes.
▶	▶▶	Simultaneous press	Plays back a defined section between point A and B repeatedly.

Rear panel



13 ANALOG OUT (BALANCED) L/R jacks

These are balanced XLR analog output jacks. These transmit audio signals to external speakers and amplifiers, for example. Use XLR cables for connection.

14 ANALOG OUT (UNBALANCED) L/R jacks

These are unbalanced RCA analog output jacks. These transmit audio signals to external speakers and amplifiers, for example. Use RCA cables for connection.

15 7.1 audio out (unbalanced) jacks

These are 7.1 unbalanced RCA analog output jacks. These transmit 8 channels of audio signals to a 7.1 surround system. Use RCA cables for connection.

16 DIGITAL OUT (COAXIAL) connector

This is a coaxial digital audio output connector. This transmits digital audio signals to a television. Use a coaxial cable (75Ω) for connection.

17 HDMI OUT port

Audio/video signals are transmitted from the HDMI port. Use an HDMI cable for connection.

18 USB port

Connect/disconnect USB flash drives here. Audio, video and other files can be played back from a connected USB flash drive. Moreover, this can be used to load update files for firmware updates.

19 ETHERNET connector

This is an Ethernet port. Use to connect this unit to a network and to control it from a computer. Moreover, BD-Live contents can also be accessed with an Internet connection. Use an STP cable that is category 5e or higher for connection.

20 RS-232C connector

This is a 9-pin D-sub RS-232C control input/output connector. A computer can be used to control this unit by connecting to it with an RS-232C cable.

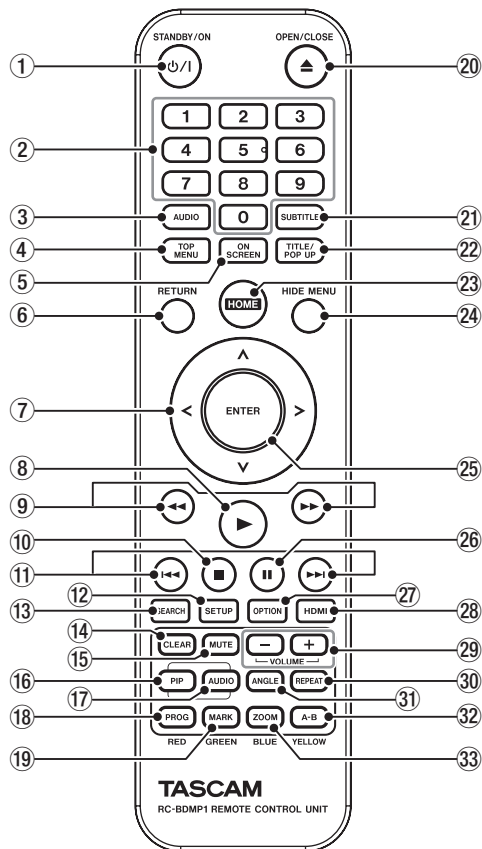
21 AC IN connector

Connect the included power cord here.

⚠ CAUTION

Always use the included cord to supply power to this unit. Use of a different one could cause malfunction, fire or electric shock.

Wireless remote control (TASCAM RC-BDMP1)



① **⏻/⏻ (STANDBY/ON) button**

This has the same function as the **⏻** button on the main unit.

⚠ CAUTION

Before turning the unit on, lower the volumes of connected equipment to their minimum levels. Failure to do so could result in a sudden loud noise that could harm hearing, for example.

② **Number (0–9) buttons**

The number buttons can be used during media playback to designate and select chapter and audio track numbers (except when options or submenus are shown on the screen). (see "Jumping to a specific playback time, scene or track" on page 30)

③ **AUDIO button**

Press during video disc playback to show the current audio settings at the top left of the monitor screen.

Press this button repeatedly to show the audio settings that can be used and to switch sound sources.

The audio settings shown depend on the settings supported by the video disc.

For example, stereo, mono, left channel and right channel can be selected for DVDs, and DTS-HD MA (master audio) or Dolby Digital can be selected in various languages for Blu-ray discs.

④ **TOP MENU button**

Press during playback of a video disc to show the top menu screen.

Use the **</>/^/∨** cursor buttons to move in menus, and use the **ENTER** button to confirm selection.

⑤ **ON SCREEN button**

Press during video disc playback to show an information bar that can be used to check the current status at the top of the monitor screen.

⑥ **RETURN button**

Press when using the HOME screen to return to the previous menu. Press repeatedly to return to the top menu.

⑦ **Cursor buttons </>/^/∨**

Press when the HOME screen is open to move between setting items.

Moving in menus is also possible on video file top menu and title menu screens as well as option menu screens during playback.

⑧ **▶ button**

This has the same function as the **PLAY [∨] (▶)** button on the main unit.

⑨ **◀/▶ buttons**

Press when playing back or paused to search backward/forward.

- When searching backward/forward in a video file, press the **PAUSE (⏸)** button to pause playback. In this state, press the **▶** button to resume playback, or press the **◀** button to resume backward searching.

- When searching backward/forward in an audio file, press the **PAUSE (⏸)** button to pause playback. Press it again to resume searching backward/forward.

⑩ **■ button**

This has the same function as the **STOP (■)** button on the main unit.

⑪ **◀◀/▶▶ buttons**

Press when playing back or paused to skip to the previous or next chapter or file. (Playback will start after skipping.)

- In video files, this will move to the previous or next chapter.
- In audio files, this will move to the previous or next file.

⑫ **SETUP button**

Press when using the HOME screen, playing back, paused or searching backward/forward to open the Setup Menu. Press again to return to the original screen.

⑬ **SEARCH button**

Press when playing back or paused to designate a specific playback time within the current medium.

Press this button to open an information bar at top of the monitor screen. The cursor will appear for 20 seconds in the time display area (upper right) of the information bar. Press the **ENTER** button while the cursor appears and use the **number buttons** to input any playback time. To move among hours, minutes and seconds, use the **</>** cursor buttons while the cursor appears.

⑭ **CLEAR button**

This clears the value in the field being input. In the bookmark list, this deletes the selected bookmark.

⑮ **MUTE button**

This mutes the volume of the main unit. (An icon appears at the top of the monitor.)

⑯ **PIP button**

This turns the picture-in-picture function on/off. This function can only be used with discs that support it.

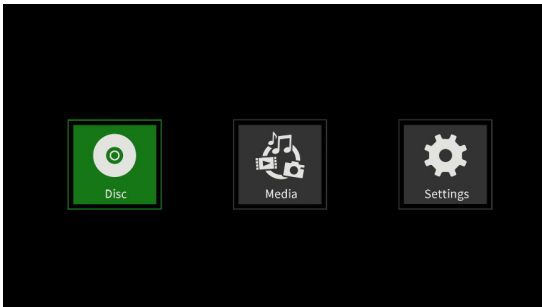
⑰ **AUDIO button (2nd)***

This selects the audio language used with the picture-in-picture function. This function can only be used with discs that support it. (Unclear.)

- * This does not have the same function as the ③ **AUDIO** button.

- ⑱ **PROG/RED button**
This opens the program page where tracks can be selected for playback in a specific order.
- ⑲ **MARK/GREEN button**
During video file playback, press this button to add a bookmark at any point. (Up to 12 can be added.)
- ⑳ **▲ OPEN/CLOSE button**
This has the same function as the **OPEN/ CLOSE [LOCK]** button on the main unit.
- ㉑ **SUBTITLE button**
Press during video file playback to change the subtitle display style.
The settings that can be used depend on the subtitle languages supported by the video.
- ㉒ **TITLE/POP UP button**
When a media file is playing or paused, press to show the title menu.
Use the </>/^/∨ cursor buttons to move in menus, and use the **ENTER** button to confirm selection.
- ㉓ **HOME button**
Press this button to stop the current operation and return to the HOME screen.
- ㉔ **HIDE MENU button**
This has the same function as the **HIDE/MENU [SHIFT]** button on the main unit.
- ㉕ **ENTER button**
This functions as the execute button on the HOME screen and every menu screen.
- ㉖ **II button**
This has the same function as the **PAUSE [^] (II) (TOP MENU)** button on the main unit.
- ㉗ **OPTION button**
When playing back or paused, press to open the Option Menu screen.
Use the </>/^/∨ cursor buttons to move in menus, and use the **ENTER** button to confirm selection.
- ㉘ **HDMI button**
Press this button repeatedly to cycle through the following screen resolutions.
● 480I/576I, 480P/576P, 720P, 1080I, 1080P
- ㉙ **-/+ (VOLUME) buttons**
Press when playing back or paused to adjust the audio volume.
- ㉚ **REPEAT button**
Press when playing back or paused to enable repeat playback mode for the selected chapter, title or track. An icon will appear at the top of the monitor. Press this button repeatedly to enable selection of repeat playback conditions. (see "Jumping to a specific playback time, scene or track" on page 30)
- ㉛ **ANGLE button**
Press when a video file that has been recorded with multiple angles is playing or paused to show the currently selected angle. An icon will appear at the top of the monitor. Press this button repeatedly to enable selection of recorded angles.
- ㉜ **A-B/YELLOW button**
Press the A-B button during disc playback to repeat playback of part of a scene or track.
- ㉝ **ZOOM/BLUE button**
Press when a selected image is shown to zoom in/out. (The size being displayed currently is shown at the top of the monitor.)
Press this button repeatedly to change the zoom to the following sizes.
(No zoom when no indicator is shown on the monitor.)
● Zoom size shown on monitor: 2x, 3x, 4x, 1/2, 1/3, 1/4

HOME screen



Select, play and check media files, set up the unit and conduct other functions on the HOME screen.

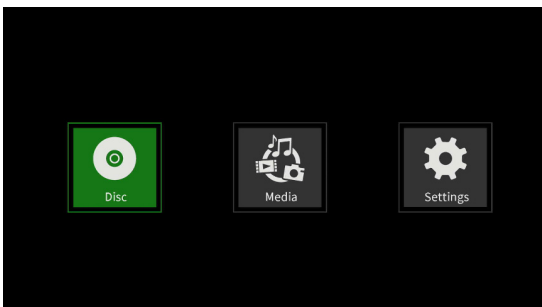
To move between menus, confirm settings and execute items, use the shift* functions of buttons on the unit or use the cursor and **ENTER** buttons on the remote control.

(These explanations will primarily use remote control operations.)

- * To move the cursor and confirm/execute using the unit, press the **HIDE/MENU [SHIFT]** button with the desired shift function (shown below the button with light characters on a dark background) at the same time.

Disc

This plays the disc loaded in the disc tray of the unit.



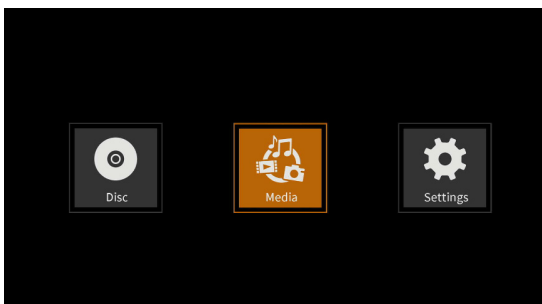
To play a disc, while the **Disc** icon is selected, press the ► button.

Media

This enables selection of media (items) loaded in the unit.

Basic remote control functions

- To exit a folder or subfolder, press the < cursor button repeatedly to return to the starting screen.
- Press the **HOME** button to return to the HOME screen.



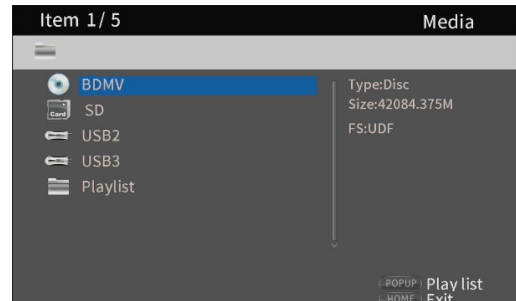
While the **Media** icon is selected, press the **ENTER** button to show the various media loaded in the unit.

NOTE

- Usually the icons are shown in the order that the media were loaded.
- After the power is turned on, the various icons are shown in the order that the unit recognized the media. (The images shown on these pages are examples after the power was turned on.)

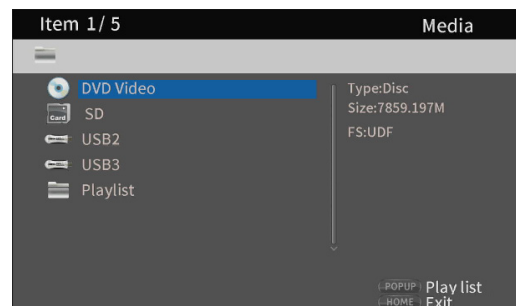
- **BDMV** icon: Blu-ray disc

The disc loaded in the disc tray is shown as follows.



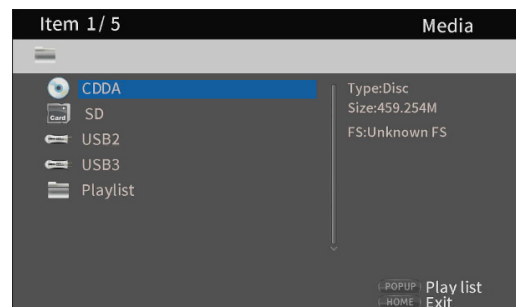
- **DVD Video** icon: DVD disc

The disc loaded in the disc tray is shown as follows.



- **CDDA** icon: Compact disc (CD)

The disc loaded in the disc tray is shown as follows.

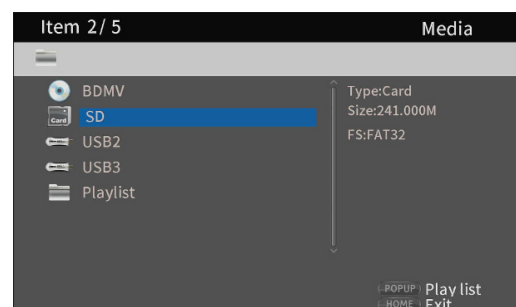


Select the **BDMV** or **CDDA** icon and press the **ENTER** button to start playback of the media.

- **SD** icon: SD card

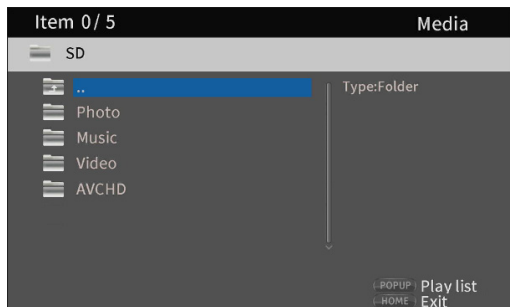
- **USB2/3*** icon: USB flash drive

- * The USB number is shown in the order that the USB flash drives were connected. If an SD card is not loaded, "USB1" will be shown as the first. Flash drives loaded in the unit are shown as follows.



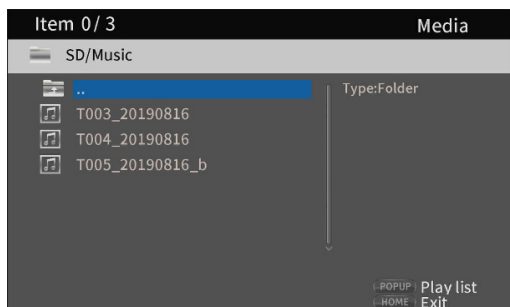
Playing files on SD cards and USB flash drives

- Use the ∇/\wedge cursor buttons to select an SD card or USB flash drive and press the **ENTER** button to show individual folders as below. (The same method is used to show the content of folders on both SD cards and USB flash drives.)



- ...: Top folder
- Photo:** Photo folder
- Music:** Audio folder
- Video:** Video folder
- AVCHD:** High-quality video folder

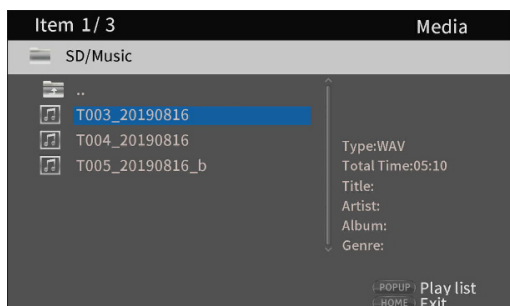
- Use the ∇/\wedge cursor buttons to select a folder and press the **ENTER** button to show the files inside the folder. (Example: Music folder open)



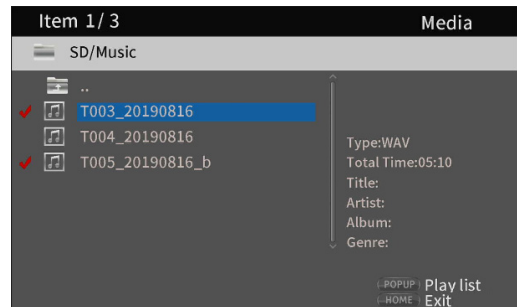
- Use the ∇/\wedge cursor buttons to select a file and press the **▶** button to start playback.

When a file is selected, the following information appears on the right side of the monitor.

- Thumbnails of image files
- Various information for audio and video files



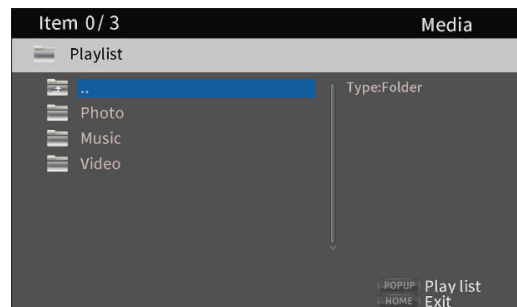
When a file is selected, press the \triangleright cursor button to add a check mark before the file name, selecting it.



- In this state, press the **ENTER** button to play the selected files in order. After playback completes, the screen above will reopen.
- To remove a check mark from a file, select it again and press the \triangleright cursor button.

• Playlist icon

By using a playlist, files can be played back in the order selected from the media (items).

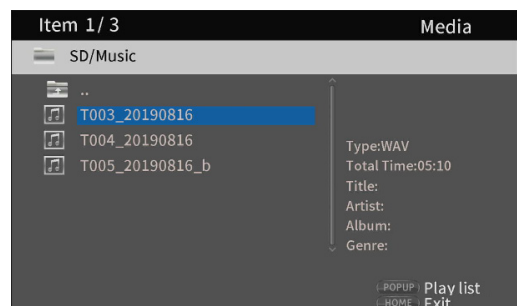


- ...: Top folder
- Photo:** Photo folder
- Music:** Audio folder
- Video:** Video folder

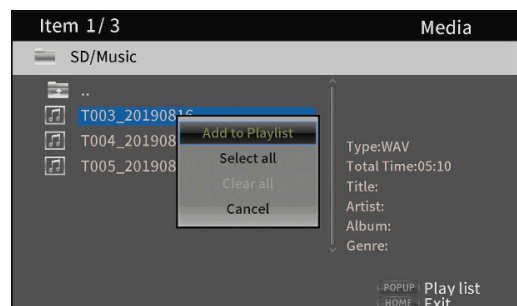
Adding files to and removing them from a playlist

Adding files to a playlist

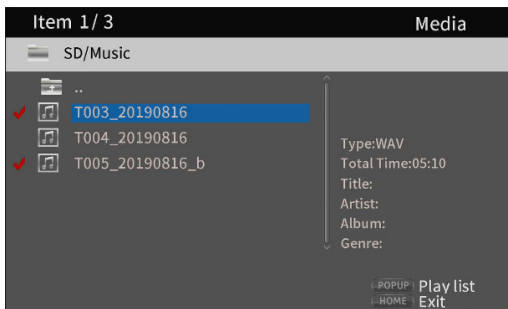
- Use the ∇/\wedge cursor buttons to select an SD card or USB flash drive and press the **ENTER** button to select the desired folder.



- Select the file to add to the playlist, and press the **TITLE/POP UP** button to open a pop-up message.

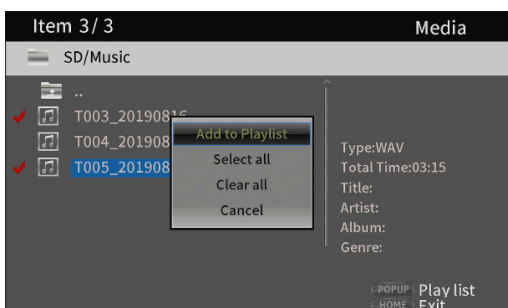


- Use the ∇/\wedge cursor buttons to select “**Add to playlist**”, and press the **ENTER** button to add the selected file to the playlist.
- When a file is selected, press the \triangleright cursor button to add a check mark before the file name, selecting it.

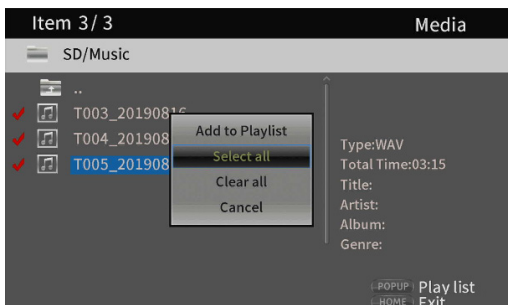


Select a file again and press the \triangleright cursor button to remove its check mark.

- Add check marks to the necessary files, and press the **TITLE/POP UP** button to open a pop-up message. Use the ∇/\wedge cursor buttons to select “**Add to playlist**”, and press the **ENTER** button to add the selected file to the playlist.



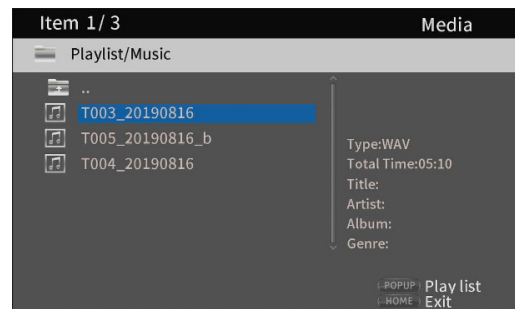
- In addition, check marks can be added to all files in the folder by selecting “**Select all**” in the pop-up and pressing the **ENTER** button in step 2.



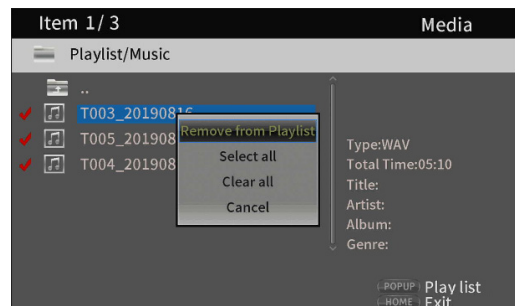
- With check marks added to files, press the **TITLE/POP UP** button to open a pop-up message. Use the ∇/\wedge cursor buttons to select “**Add to playlist**”, and press the **ENTER** button to add the selected file to the playlist.
- Select “**Clear all**” in the pop-up message and press the **ENTER** button to remove check marks from all files. Exiting the folder will also remove the check marks from all files. To do nothing, select “**Cancel**” and press the **ENTER** button, or press the **RETURN** button to return to the original screen.

Removing files from a playlist

- To remove a file from a playlist, select the playlist icon and open the folder that contains the file.

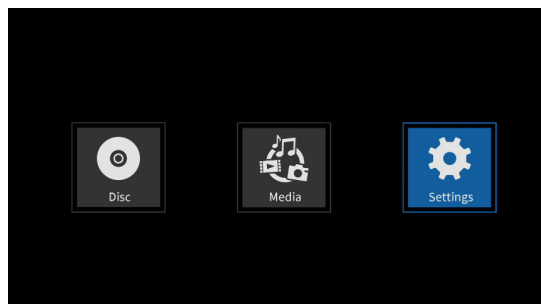


- To remove a specific file from the playlist, select it and press the \triangleright cursor button to add a check mark before its name.



- At this point, press the **TITLE/POP UP** button to open a pop-up message. Then, use the ∇/\wedge cursor buttons to select “**Remove from playlist**” and press the **ENTER** button to remove files with check marks from the playlist.
- To remove all files from the playlist, press the **TITLE/POP UP** button to open a pop-up message. Then, select “**Select all**” and the press the **ENTER** button to add check marks to all files in the folder. Press the **TITLE/POP UP** button again to open a pop-up message. Then, use the ∇/\wedge cursor buttons to select “**Remove from playlist**” and press the **ENTER** button to remove files with check marks from the playlist.

Settings



On the **Settings** screens, which include the General Settings, Display Settings, Audio Settings and System Information screens, settings can be made and information checked, for example.

While the **Settings** icon is selected, press the **ENTER** button to show icons for the various settings.

To move between menus, confirm settings and execute items, use the shift* functions of buttons on the unit or use the cursor and **ENTER** buttons on the remote control. (These explanations will primarily use remote control operations.)

* To move the cursor and confirm/execute using the unit, press the **HIDE/MENU [SHIFT]** button with the desired shift function (shown below the button with light characters on a dark background) at the same time.

Basic remote control functions

- To exit a folder or subfolder, press the < cursor button repeatedly to return to the starting screen.
- Press the **HOME** button to return to the HOME screen.
- Press the **RETURN** button even during an operation to return to the previous screen.
- In the list of settings below, the underlined setting items are the defaults.

General Settings

System

Function	Options	Explanation
Screen Saver	On/ <u>Off</u>	Turn the screen saver on/off. If " On " is selected, the following functions become enabled when nothing is playing back or when playback is stopped or paused. <ul style="list-style-type: none"> ● A screensaver will appear after about 3 minutes without operation. ● The unit will automatically turn off after about 10 minutes without operation. (This becomes about 30 minutes when a Settings screen is open.)
HDMI CEC	On/ <u>Off</u>	When an HDMI cable is used to connect a device such as this unit that supports HDMI CEC to a TV that supports HDMI CEC, this function allows the remote control to link operation of both of them. (When off, only the unit will respond to the remote control.)
Disc Auto Upgrade	On/ <u>Off</u>	If an upgrade disc is loaded into this unit, upgrading will occur automatically.
Load Default	More...	This function restores the various settings stored in the backup memory of the unit to their factory default values.
Upgrade	Disc/USB Storage	Use to upgrade the unit firmware. (Selection of upgrade media is possible.)
Easy Setup	More...	The following settings can be made easily using a setup wizard: <ul style="list-style-type: none"> ● Use the General Settings items to make more detailed settings, including language, monitor resolution and monitor aspect ratio.

Language

Function	Options	Explanation
OSD	English/Japanese	Set the language used for unit function and information screens to English or Japanese.
Disc menus	Various languages/More	Set the language used for option menus during playback.
Audio	Various languages/More	Set the language used to show during playback.
Subtitles	Various languages/More/Off	Set the language used to show subtitles during playback or turn subtitles off.

* These functions only work with content that support them.

Playback

Function	Options	Explanation
Disc Auto Playback	On (Repeat On)/On (Repeat Off)/Off	<p>Automatic playback and repeat playback functions can be set.</p> <ul style="list-style-type: none"> ● When the repeat function is used, playback will start automatically if the disc to be played is loaded in the disc tray and the power is turned on, as well as if a disc is changed and the disc tray is closed. ● With the repeat function, after a disc is played completely, playback will repeat continuously from the beginning. <ul style="list-style-type: none"> • On (Repeat On): Both automatic and repeat playback functions are enabled. • On (Repeat Off): The repeat playback function is off, but the automatic playback function is enabled. • Off: Both automatic and repeat playback functions are disabled. <p>NOTE</p> <ul style="list-style-type: none"> ● This function only work with discs that support it. ● When the repeat function is enabled, playback will start automatically when a disc is loaded. For this reason, be careful during the following operations. <ul style="list-style-type: none"> • Making settings on the HOME screen • Playing files on an SD card/USB flash drive ● Automatic playback is not supported for SD cards or USB flash drives.
Closed Captions	<u>On/Off</u>	Set whether or not the function to subtitle video disc audio is enabled.
Angle Icon	<u>On/Off</u>	Set whether or not an icon is shown when angle operations are available during video disc playback.
PIP Icon	<u>On/Off</u>	Set whether or not an icon is shown when picture-in-picture functions are available during video disc playback.
Secondary Audio Icon	<u>On/Off</u>	Set whether or not the secondary audio icon is shown or not.
Last Memory	<u>On/Off</u>	<p>Set whether or not the unit stores the last playback positions of discs in its internal memory. When this function is on, playback will start from the stored position when a disc is played again.</p> <p>NOTE</p> <ul style="list-style-type: none"> ● These functions only work with content that support them. ● Pressing the HOME button during playback will not save the playback position. ● This unit can save positions for five discs maximum. When the total number of discs would exceed five, the record for the disc played least recently will be replaced by a record for the most recent disc.

Security

Function	Options	Explanation
Change Password	More...	A password can be set for the unit. <ul style="list-style-type: none"> ● The password is a 4-digit number. * The default password is "0000".
Parental Control	More...	Set the age rating restriction for discs. A password must be input to change this. <ul style="list-style-type: none"> * The default setting is "Off".
Country Code	More...	Set the country to use for Parental Control. A password must be input to change this.

Network

Function	Options	Explanation
Internet Connection	Enable/Disable	Enable or disable Internet connection for the unit.
Interface	Ethernet/Wireless	Set the method of Internet access for the unit to "Ethernet" or "Wireless".* When using "Wireless", after responding "Yes", select from the following connection methods. <ul style="list-style-type: none"> ● Scan: The unit will search for access points, allowing selection of a network. ● Manual: An SSID can be set manually to connect. ● Auto: Connection is possible using Wi-Fi Protected Setup (WPS) standards.
Information	More...	The following information related to the Internet connection is shown: <ul style="list-style-type: none"> ● interface, address type, IP address, subnet mask, gateway, DNS1 and DNS 2. (When DHCP is set to "0", this information can be input manually using the remote control.)
Connection Test	More...	This tests the network connection.
IP Setting	Auto/Manual	Select how the unit's IP address is set. <ul style="list-style-type: none"> ● Auto: Automatically acquire the IP address from a DHCP server. ● Manual: Manually input the interface, address type, IP address, subnet mask, gateway, DNS1 and DNS2 numbers.
Wireless Setting	More...	Use this to make wireless connection settings.* <ul style="list-style-type: none"> ● Scan: The unit will search for access points, allowing selection of a network. ● Manual: An SSID can be set manually to connect. ● Auto: Connection is possible using Wi-Fi Protected Setup (WPS) standards.
BD-Live BUDA	<ul style="list-style-type: none"> ● BUDA Information ● BUDA Setup 	Set the storage location used to save BD-Live contents. <ul style="list-style-type: none"> ● BUDA Information <ul style="list-style-type: none"> ● This shows the amount of open space in the storage location used to save content. ● Press the ENTER button to show the Fmt buda button, and press the ENTER button again. This creates a BUDA folder in the selected storage location. ● BUDA Setup The storage location used by BUDA can be set to an external device or the internal storage. <ul style="list-style-type: none"> ● External: A USB flash drive connected to the unit will be used.** ● Onboard: The internal storage of the device will be used.

BD-LIVE Connection	<u>Permitted</u> /Partially Permitted/ Prohibited	Select the access level for BD-Live contents on the Internet. <ul style="list-style-type: none"> ● Permitted: All contents can be accessed. ● Partially Permitted: Specific contents can be accessed. ● Prohibited: BD-Live contents will be blocked.
Proxy Settings	<u>Disable</u> /Enable	Set whether or not to connect this unit to the Internet through a proxy server. <ul style="list-style-type: none"> ● Disable: Do not use a proxy server. ● Enable: A proxy host and proxy port can be set.

* **"Wireless"** connection can only be used if a USB-wireless LAN adapters has been connected to the unit.

A USB-wireless LAN adapter is not included with this unit. (see "Network connection overview" on page 36)

** If USB flash drives have been connected to both the front and back USB ports, the one first recognized by the unit will be used for external memory

Do not disconnect the USB flash drive when the BD-Live function is in use. The USB flash drive should use the FAT32 file format.

Display Settings

TV

Function	Options	Explanation
TV Screen	<ul style="list-style-type: none"> ● <u>16:9 Full</u> ● 16:9 Normal ● 4:3 Pan & Scan ● 4:3 Letterbox 	Use to set the display aspect ratio.
Resolution	<ul style="list-style-type: none"> ● <u>Auto</u> ● 480i/576i ● 480P/576P ● 720P ● 1080i ● 1080P 	Use to set the image resolution. <ul style="list-style-type: none"> ● If Auto is selected, this unit will detect the optimal resolution for the monitor or TV. In this case, a message confirming the saving of the selection will appear. Select "OK" as necessary.
TV System	NTSC/PAL/Multi	Select the broadcast format* of the device connected to the unit.
Color Space	<ul style="list-style-type: none"> ● <u>RGB</u> ● YCbCr ● YCbCr422 ● Full RGB 	Select the HDMI output color space.
HDMI Deep Color	30 bits/36 bits/48 bits/ <u>Off</u>	Select the HDMI output deep color mode.**
HDMI 1080P 24Hz	On/ <u>Off</u>	Turn frame rate conversion on/off for 1080P Blu-ray discs that play back at 24 Hz.
HDMI 3D	<u>Auto</u> /Off	<ul style="list-style-type: none"> ● When Auto is selected, the 3D signal will automatically be output when 3D video is played. ● When Off is selected, 3D signals will not be output.

* When in a region that supports both NTSC and PAL, select **"Multi"**.

** For this function to work properly, the TV or monitor must support HDMI version 1.3 or later.

Video Process

Function	Options	Explanation
Video Adjustments	More...	Adjust the brightness, contrast, hue and saturation output from this unit to the TV or monitor. <ul style="list-style-type: none"> ● Brightness/Contrast/Hue/Saturation
Sharpness	High/Normal/ <u>Low</u>	Set the sharpness to High/Normal/Low for images output from this unit to the TV or monitor.

Closed Captions

Function	Options	Explanation
CC Attributes	<u>Auto</u> /Custom	Auto: Use default attributes for subtitle fonts and windows, including their size, color and opacity. Custom: Enable adjustment of subtitle fonts and windows, including their size, color and opacity.
Font color	Default/ <u>White</u> /Black/Red/Green/Blue/Yellow/Magenta/Cyan	The color of subtitle fonts can be adjusted.
Font size	Default/ <u>Standard</u> /Small/Large	The size of subtitle fonts can be adjusted.
Font style	<ul style="list-style-type: none"> ● <u>Default</u> ● Monospaced with serifs ● Proportionally spaced with serifs ● Monospaced without serifs ● Proportionally spaced without serifs 	The style of subtitle fonts can be adjusted.
Font opacity	<u>Solid</u> /Translucent/Transparent	The opacity of subtitle fonts can be adjusted. <ul style="list-style-type: none"> ● Solid ● Translucent ● Transparent
Font edge	<ul style="list-style-type: none"> ● Default ● <u>None</u> ● Raised ● Depressed Uniform ● Left drop shadow ● Left drop shadow 	An edge effect can be added to subtitle fonts. <ul style="list-style-type: none"> ● Raised ● Depressed ● Uniform ● Left drop shadow ● Right drop shadow
Font edge color	<u>White</u> /Black/Red/Green/Blue/Yellow/Magenta/Cyan	The edges of subtitle fonts can have a color added.
Background color	Default/White/ <u>Black</u> /Red/Green/Blue/Yellow/Magenta/Cyan	The background color of subtitle fonts can be changed.
Background opacity	<u>Solid</u> /Translucent/Transparent	The opacity of the background of subtitle fonts can be changed. <ul style="list-style-type: none"> ● Solid ● Translucent ● Transparent
Window color	Default/White/Black/ <u>Red</u> /Green/Blue/Yellow/Magenta/Cyan	The color of the subtitle window can be changed.
Window opacity	<u>Solid</u> /Translucent/Transparent	The opacity of the subtitle window can be changed. <ul style="list-style-type: none"> ● Solid ● Translucent ● Transparent

Audio Settings

Audio Output

Function	Options	Explanation
S/PDIF	Bitstream/ <u>PCM</u> /Off	This selects the digital audio signal format.
HDMI	Bitstream/ <u>PCM</u> /Off	This selects the HDMI audio format.
FS Setting	<u>48 kHz</u> /96 kHz/192 kHz	This selects the sampling frequency.*
Volume Control	<u>Enable</u> /Disable	Volume up/down operations can be enabled or disabled.
Dolby DRC	Off/On/ <u>Auto</u>	Set the dynamic range to Off , On or Auto .

* The downsampling frequency used during audio playback for signal processing inside the unit can be set. If an audio signal is played that has a sampling frequency higher than the selected value, it will be converted to the set sampling frequency. PCM signals output by HDMI and S/PDIF connectors will also be downsampled to the set value.

Speaker Settings

Function	Options	Explanation
Configuration	2.x/3.x/4.x/5.x/6.x/7.x	Select the channel configuration. ● 2.x: Lt/Rt*, Stereo ● 3.x: LCR ● 4.x: LRLsRs ● 5.x: ● 6.x: ● 7.x: C+LR+LsRs+LsrRsr
Test Tone	More...	Select to play a test tone from the speakers. ** ● Subwoofer selection: None, Single ● Speakers: C, L, R, SW1, Ls, Rs, Lsr, Rsr

* Lt/Rt is a two-channel downmix output that supports Dolby surround. When played on an ordinary stereo system, the L and R channel balance could be degraded. If this occurs, select Stereo.

** Trim adjustment overview

Digital full scale (-10dB) is shown as "0" to make adjustment of surround channel speaker volume differences easier.

If trim adjustment is unnecessary, use the default setting (+10).

S/PDIF Output Configuration

Function	Options	Explanation
Configuration	● <u>FL/FR</u> ● SL/SR ● C/SW ● SBL/SBR ● L/R (-10dB)	The selection items are the same signals that are output from the analog outputs on the back of the unit. The selected analog outputs are output from the digital audio output (COAXIAL) connector.

* The maximum audio level will become -10 dB only for L/R

System Information

Use to check the revision and the MAC address used by this unit.

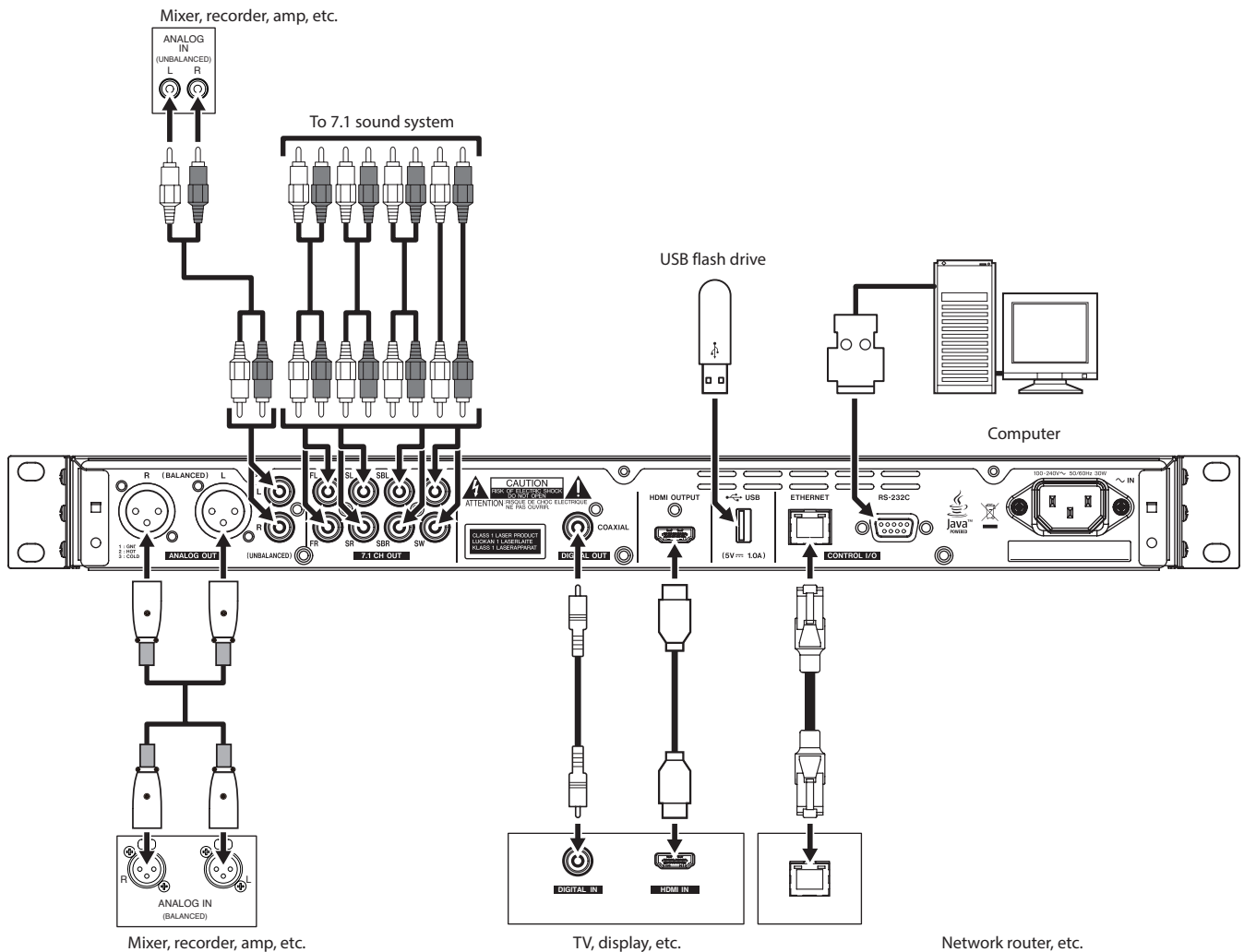
- **Model:** BD-MP1
- **MAC:** xx-xx-xx-xx-xx-xx
- **Revision:** xxx.xxx

Making connections

This is an example of connections with the unit.

Precautions before making connections

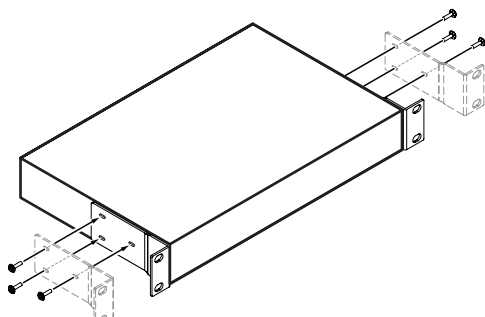
- Carefully read the operation manuals of the devices to be connected and then connect them correctly.
- Before making connections, turn this unit and all equipment to be connected off (standby).
- Install all connected devices, including this unit, so that they are powered from the same line. When using a power strip or similar device, be sure to use one that has high current capacity (thick cable) in order to minimize fluctuations in power voltage. Moreover, do not bundle or wrap power cords.
- Connect cable types correctly. (Be careful not to insert cables into the wrong connectors or with the wrong orientation.)



Installing rackmount years

The included rackmount ears must first be attached before mounting this unit in a rack.

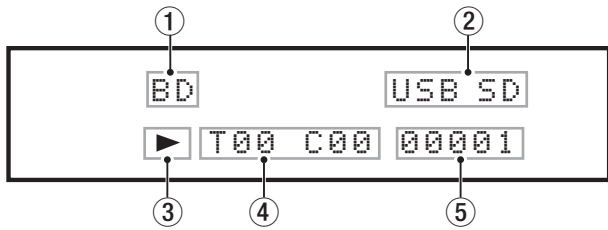
- Refer to the illustration below when attaching them.



NOTE

- A Phillips screwdriver is necessary for attachment.
- The attachment holes in the included rackmount ears are elongated, allowing adjustment so that the unit does not stick out of the rack when attached.

Display



① Type of disc in tray

This shows the type of disc loaded in the tray of the unit.

- Blu-ray disc: **BDMV, BDAV**
- DVD disc: **DVD**
- Audio CD: **CD**
- No disc loaded: **NO DISC**

② Connected media

These appear when a USB flash drive or SD card is connected to the USB port or the SD card slot on the unit.

③ Media operation status

When the unit is playing or paused, an icon appears here.

- During playback: ▶
- When paused: ||

④ Title/chapter/track

When the unit is playing or paused, title/chapter/track information appears here.

- Title/track: **T00**
- Chapter: **C00**

⑤ Various information

- This shows the position in the media item order shown on the **Media** page of the HOME screen.
- **SETUP** appears when on the Settings page of the HOME screen.
- Various information is shown in response to different operations.
 - When a USB flash drive is connected: **USB IN**
 - When a USB flash drive is disconnected: **USB OUT**
 - When the **STOP** button is pressed: **STOP**
 - When the **TITLE/POP UP** button is pressed: **POP**
 - When the disc tray is open: **OPEN**
 - When the disc tray is closed: **CLOSE**
 - When a medium is recognized: **LOAD**
 - When playing back: **00:00:00**
- Other information shown
 - When the title menu of a disc that contains multiple titles is open: **ROOT**
 - When the title menu of a purchased or rental video disc is open: **TOP**
 - During a firmware update: **UPGRADE**
 - Volume adjustment: **VOL 0**
Adjustment range (–41 min. – 0 max.)

Preparing the remote control

Installing batteries

1. Open the cover on the back.
2. Insert two AAA batteries, being certain to use the correct ⊕ and ⊖ orientations.
3. Close the cover.

When to replace batteries

Replace both batteries with new ones if the distance from the main unit that the remote can be used decreases or if the unit stops responding to the remote buttons.

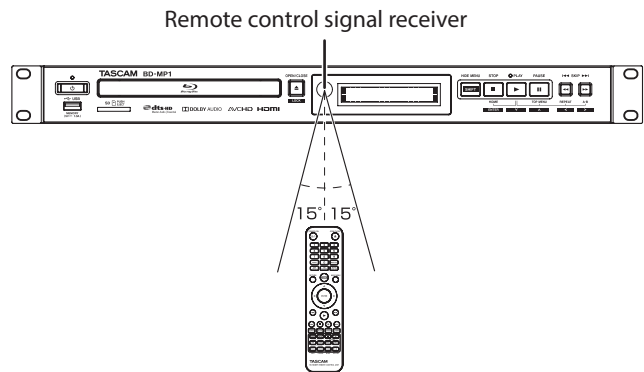
Battery precautions

Misuse of batteries could cause them to leak or rupture, for example. Carefully read and follow the battery caution labels. (see "CAUTIONS ABOUT BATTERIES" on page 5)

Using the wireless remote control

See "Wireless remote control (TASCAM RC-BDMP1)" on page 13 for the button functions.

When using the remote control, point it toward the receiver on the unit and use it within the range shown below.



Remote control operation range
From any angle within 15° of front: 5 m


ATTENTION

- Operation might not be possible if there are obstacles.
- Remove the battery if not using the remote control for a long time (a month or more).
- If battery fluid should leak, wipe away any fluid inside the case thoroughly and install a new battery.
- When using other devices that can be controlled by infrared rays, operation of this remote control could cause those devices to function improperly.

Turning the unit on and off

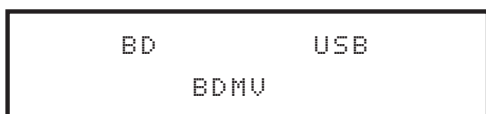
NOTE

When this unit is connected by a power cord and electricity is supplied from an outlet, it will automatically start up. (This will also occur when power is restored after a power outage or other interruption to the power supply.)

If the **STANDBY/ON** indicator on the front of the unit lights red, press the  button or the remote control **STANDBY/ON** button.




Startup screen



Operation screen

After the unit starts and the startup screen is shown, the operation screen will appear on the display.

Turning the unit off


Press the  button or the remote control **STANDBY/ON** button to turn the unit off.


ATTENTION

Do not turn the power off or disconnect the power cord when the unit is operating (including playing back or writing data to a USB flash drive). Doing so could damage the unit.

Loading and removing discs

Loading discs


Press the **OPEN/CLOSE** () button on the main unit or remote control.

Open the disc tray and place the disc on it with the label side up. Press the **OPEN/CLOSE** () button again to close the disc tray. After loading a disc, the unit will read its information and show the media type on the display.

NOTE

- When the disc tray is open, "OPEN" will appear on the display. When the disc tray is open, "CLOSE" will appear on the display.
- If a disc other than a playable CD is inserted or a disc is inserted upside down, the unit will automatically eject it.

Ejecting discs

Press the **OPEN/CLOSE** () button on the main unit or remote control.

After the disc tray opens, pick the disc up by its center and remove it.

NOTE

The **OPEN/CLOSE** button functions when the unit is turned on.

Inserting and removing SD cards

Inserting SD cards

Insert an SD card into the SD card slot on the front of the unit to enable playback.

TIP

SD cards can be inserted whether or not the unit is on or off.

- Inserted SD cards with the correct orientation.
- The label should be up and the connector should be inserted toward the back.

Removing SD cards

Turn the unit off or stop operation before removing an SD card.

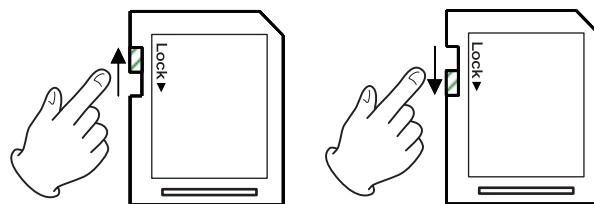
ATTENTION

Do not remove an SD card when the unit is operating (playing back an SD card). Doing so could cause proper dubbing to fail, data to be lost, and sudden loud noises from monitoring equipment, which might damage the equipment, harm hearing or cause other trouble.

1. Press the SD card in gently to make it to come forward.
2. Pull the SD card out by hand.

SD card write protection switches

SD cards have write-protection switches that prevent writing new data to them.



Connecting and disconnecting USB flash drives

Connecting USB flash drives

Connect a USB flash drive to the USB port on the front or back of the unit to enable playback.

TIP

You can connect a USB flash drive when the unit is on or off.

Disconnecting USB flash drives

Turn the unit off or stop operation before disconnecting a USB flash drive.

ATTENTION

Never disconnect a USB flash drive when the unit is operating (including playing back or writing data to the USB flash drive). Doing so could cause the loss of data or damage the unit.

Panel lock function

By using the lock functions, opening and closing the disc tray, and operations using the remote control and main unit buttons can be locked.

1. Press the **HIDE MENU [SHIFT]** and **OPEN/CLOSE [LOCK]** buttons on the front of the unit at the same time.
The current lock status will appear on the unit display.
2. While pressing and holding the **HIDE MENU [SHIFT]** button on the unit, press the **OPEN/CLOSE [LOCK]** button again.
 - Pressing these buttons changes the status every time.
 - Press the **OPEN/CLOSE [LOCK]** button while continuing to press and hold the **HIDE MENU [SHIFT]** button until the desired lock function appears.

Unit display indication	Lock status
LOCK: T LOCK	Disc tray locked
LOCK: P LOCK	Main unit buttons locked*
LOCK: R LOCK	Remote control locked
LOCK: R+P LOCK	Remote control and main unit buttons locked*
LOCK: R+T LOCK	Remote control and disc tray locked
LOCK: OFF	Unlocked

* Even when the main unit buttons are locked, pressing the **HIDE MENU [SHIFT]** and **OPEN/CLOSE [LOCK]** buttons at the same time still works.

When locked

If operation of the front panel is attempted when the front panel is locked, "LOCKED" will appear on the display and that operation will not be executed.

NOTE

- If the disc tray is locked using **LOCK: T LOCK** or **LOCK: R+T LOCK** while the tray is still open, closing it once will be possible. After that, the disc tray will be locked.
- Turning the power on again will be possible even if the power is turned off while the unit is locked. The unit will remain locked after it starts up.

Remote control overview

This unit can be controlled remotely by connecting it to a computer, either by connecting their **RS-232C** ports with an RS-232C cable or by connecting the unit's **ETHERNET** to a LAN port on the computer with a LAN cable.

- For details about this unit's communication and command protocols for ETHERNET and RS-232C, refer to the BD-MP1 download page of the TASCAM website (<http://teac-global.com/>).

BD-Live overview

This unit supports BD-Video (BD-ROM Profile 2.0) with BD-Live functions.

By connecting this unit to the Internet, this function can be used to enable additional content, including special videos and subtitles.

- The various functions that can be used with BD-Live depend on the disc. Refer to the screen display and explanations of the disc for details about those functions and operations.
- To use BD-Live functions, connect this unit to the Internet and make the necessary settings. See "Network connection overview" on page 36 for connection procedures, and "See "Network" on page 20 for setting procedures.
- Depending on the disc, changing the settings described in "Network" on page 20 might be necessary.
- If the BD-LIVE Connection setting is "**Prohibited**" in "Network" on page 20, BD-Live content will not be able to access the Internet.
- Depending on the network setup being used, network connection might take some time or might not even be possible.
- During playback of discs that support BD-Live, identification data for the unit or disc might be transmitted to the content provider.
To limit Internet connection, change the "Network" on page 20 settings described on page 17.

Types of media that can be played

This unit can play the following media formats.

Disc media

- Supported Blu-ray
BD25, BD50, BD-ROM, BD-R, BD-RE
- Supported DVD
DVD-ROM, DVD+R, DVD-R, DVD+RW, DVD-RW
- Supported CD
CD-DA, CD-R, CD-RW

Disc formats

- Supported Blu-ray
BDMV, BDAV, BD-Audio
- Supported DVD
DVD-Video, DVD-VR, AVCHD, DVD-Audio

NOTE

- BD-R/DVD-RW/DVD-R media that have not been finalized (closed) might not play properly.
- BD-RE version 1.0 (cartridge type) and DVD-RAM media cannot be played.
- Additional recorded parts cannot be played from BD-RE/BD-R/DVD-RW/DVD-R media with multi-session (multi-border) recordings.
- Some BD-Video/DVD-Video media might not operate as explained in this manual due to the intentions of their producers. For details, refer to the manuals of such discs.
- Use music CDs that conform to ISO standards.
- Playback is not guaranteed for all discs that conform to the standards.

Playable file formats (video, audio and image)

This unit can play the following file formats.

Video formats

- .asf, .mpg, .avi, .3gp, .dat, .mkv, .mov, .m2ts, .ogm, .tp, .ts, .mp4, .wmv

Audio formats

- .wav, .mp3, .wma, .aac, .flac, .ape

Still image formats

- .jpeg, .gif, .png

NOTE

USB flash drives and SD cards must use FAT16, FAT32 or NTFS file systems.

Playing media

This section explains basic operations, including playback, pausing and stopping.

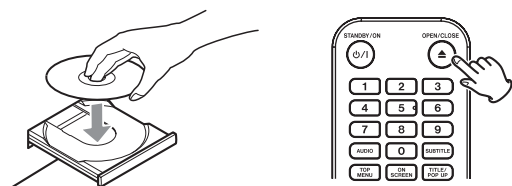
The following explanations assume that necessary connections have been completed, the unit is on, a disc or other media that contains video or audio files has been loaded, the current source has been selected, and "BDMV", "BDAV", "DVD", "CD", "USB" or "SD", for example, appears on the display.

Loading discs

Conduct the following operations with the buttons on the front of the unit or with the remote control.

(These explanations will primarily use remote control operations.)

1. Press the **OPEN/CLOSE** (▲) button to open the disc tray.
2. Load a disc in the disc tray, and press the **OPEN/CLOSE** (▲) button again to close it.



While the disc is being read, "LOAD" appears on the display, followed by one of the items below when reading completes.

- Blu-ray disc: BDMV, BDAV
- DVD disc: DVD
- Audio CD: CD

Automatic playback overview

- When **Disc Auto Playback** (HOME screen > **Settings** > **System**) is set to **On (Repeat On)** (the default is **Off**), discs will start playing automatically after they are loaded.
- When **Disc Auto Playback** is **Off** or playback does not start, select **Disc** on the HOME screen, and press the **ENTER** or ► button.

NOTE

- When the repeat function is enabled, playback will start automatically when a disc is loaded. For this reason, be careful during the following operations.
 - Making settings on the HOME screen
 - Playing files on an SD card/USB flash drive
- Automatic playback is not supported for SD cards or USB flash drives.

Playing video discs

- If a disc that has never been played before is loaded, it will start playing from the beginning.
 - If **Last Memory** (HOME screen > **Settings** > **System**) is set to **On** (the default is **On**), when discs that have been played before are loaded, they will resume playing* from the position where they were last stopped.
- * This only works with purchased or rental video discs. Moreover, the unit can save positions for five discs maximum with this function. When the total number of discs would exceed five, the record for the disc played least recently will be replaced by a record for the most recent disc.

Operating from disc top menus and pop-up menus

When video discs have menus or pop-up menus, they can be shown and a variety of operations are possible. (The contents of menus and pop-up menus depend on the programming of the discs.)

- To show the title menu, press the **TOP MENU** button. If this is done when playing or paused, playback will stop. To show the title menu without stopping playback when playing or paused, press the **TITLE/POP UP** button. To move between items in the title menu use the cursor buttons, and press the **ENTER** button to confirm.

Pausing playback

To pause playback, press the **II** button. Press the **II** button again or press the **▶** button to resume playback from the stopped position.

Stopping playback

To stop playback, press the **■** button. Press the **▶** or **ENTER** button to start playback from the stopped position.

- * This is different from pausing.
- Whatever is shown on the monitor will disappear.
 - During repeat playback, the repeat mode will clear.

Searching backward/forward

Use the **◀◀/▶▶** buttons to search backward/forward. Pressing the **◀◀/▶▶** button again will change the search speed up to five levels. Pressing it again will return to ordinary playback. When searching backward/forward in a disc, press the **II** button to pause playback. Pressing the **II** button again will resume playback.

Skipping to the previous or next chapter/track

Press the **I◀◀/▶▶I** button to skip to the previous/next chapter/track.

- When playing, paused or searching backward/forward, press the **I◀◀/▶▶I** button to skip to the previous/next chapter/track and resume playback.
- To return to the beginning of the currently playing chapter/track, press the **I◀◀** button once. (However, if the current chapter/track is playing back or paused within a few seconds of its beginning, this will move to the previous chapter/track and resume playback.)

Repeating playback of part of a scene or track

- * This repeat playback function is different from the automatic playback repeat function. The playback position will not be retained when the unit is turned off.

During media playback, press the **A-B** button to set a desired interval (between A and B points) and play it back repeatedly. (In this explanation, "scene" is used, but it also applies to "tracks" when using audio files.)




1. Press the **A-B** button at the point in the scene where repeat playback will start. The starting point "A-" will appear at the top of the monitor.
2. Next, press the **A-B** button at the point in the scene where repeat playback will end. The starting and ending points "A-B" will appear at the top of the monitor, and repeat playback will continue between these points.
3. During repeat playback, press the **A-B** button again to end repeat playback and continue ordinary playback. (Not all video discs support this function.)

Repeating playback of a chapter, title or track



- * This repeat playback function is different from the automatic playback repeat function. The playback position will not be retained when the unit is turned off.

Press the **REPEAT** button to enable repeat playback mode. The currently playing chapter, title or track will play repeatedly. Press this button repeatedly to change the repeat playback mode.

Video discs

- During chapter repeat playback, playback starts at the beginning of the current chapter. (The  icon appears at the top of the monitor.)
- During title repeat playback, playback starts at the beginning of the current title. (The  icon appears at the top of the monitor.)
- During all repeat playback, playback starts at the beginning of the video file. (The  icon appears at the top of the monitor.)

CDs and video/audio files

- During single repeat playback, playback starts at the beginning of the current track. (The  icon appears at the top of the monitor.)
- During all repeat playback, playback repeats for all tracks on a CD and for all video/audio files in the same folder. (The  icon appears at the top of the monitor.)

Jumping to a specific playback time, scene or track

(This also applies to "chapters" when using audio discs.)
During disc playback, press the **SEARCH** button to show an information bar at the top of the monitor. A cursor will appear in the time display area.



At this time, press a </> cursor button to move the selection between the time and chapter display areas.



NOTE

Only playback times and chapter numbers that exist on the playing disc can be specified. Values that exceed these ranges cannot be specified.

Jumping to a specific playback time

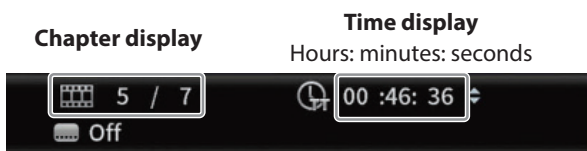
1. In this state, press the **ENTER** button to select the time display area, enabling the value to be changed.



2. Use the number buttons to input values.
Use the </> cursor buttons to move between the hours, minutes and seconds.
(In the illustration below, values have been entered for minutes and seconds.)



3. After inputting values, press the **ENTER** button to start playback from the specified time.
(The chapter display will also change to the chapter at the specified time.)



Press the **ON SCREEN** button to close the information bar.

Jumping to a specific chapter or track

1. Use a </> cursor button in the time display area to move the cursor to the chapter display area.
In this state, press the **ENTER** button to show up and down triangle icons in the chapter display area, enabling the value to be changed.



2. Use the number buttons to input values.
3. After inputting values, press the **ENTER** button to start playback from the specified chapter.
(The time display will also change to the time at the specified chapter.)
Press the **ON SCREEN** button to close the information bar.

Playing USB flash drives and SD cards

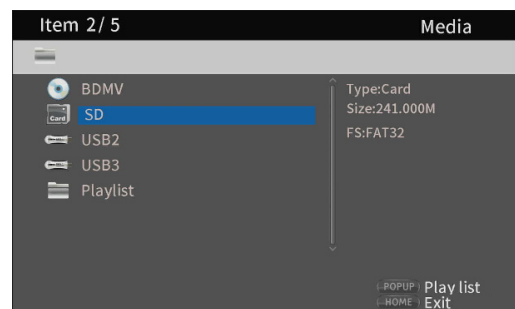
To play these media, connect them to the USB port* or SD card slot on the front of the unit.

* Another USB port is on the back of the unit.

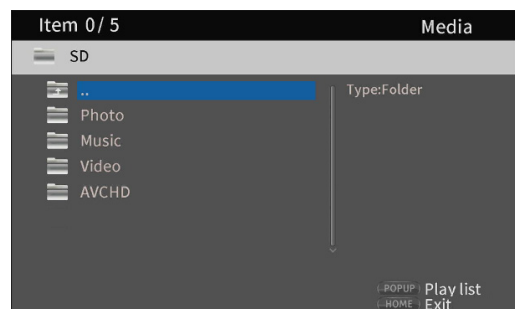
While the medium is being read, "LOAD" appears on the display, followed by one of the items below when reading completes.

- USB flash drive: USB
- SD card: SD

1. Select **Media** on the HOME screen and press the **ENTER** button.
Media icons will appear. Use the ∨/∧ cursor buttons to select an SD/USB icon and press the **ENTER** button.

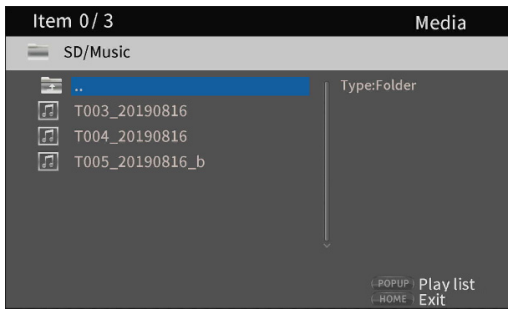


2. Opening the selected icon will show the following folders.



- | | | |
|---------------|-----|---------------------------|
| | ... | Top folder |
| Photo: | | Photo folder |
| Music: | | Audio folder |
| Video: | | Video folder |
| AVCHD: | | High-quality video folder |

3. Select the target folder, and press the **ENTER** button.
Files inside the folder will be shown.
(Example: Music folder open)



- Use the ∇/\wedge cursor buttons to select a file and press the \blacktriangleright button to start playback. When a file is selected, the following information appears on the right side of the monitor.
 - Thumbnails of image files
 - Various information for audio and video files

Playing USB flash drive/SD cards playlists

To play playlists with these media, connect them to the USB port* or SD card slot on the front of the unit.

* Another USB port is on the back of the unit.

While the medium is being read, "LOAD" appears on the display, followed by one of the items below when reading completes.

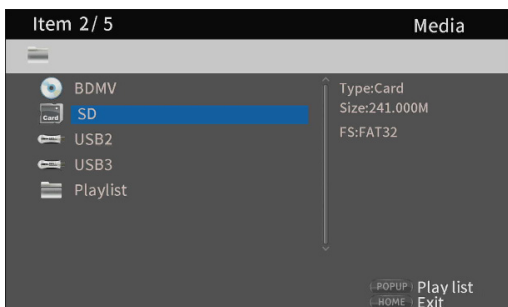
- USB flash drive: USB
- SD card: SD

NOTE

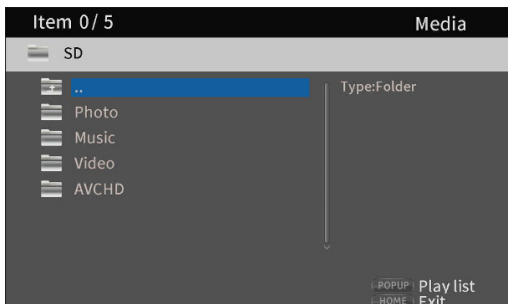
Media files in playlists will be played back in the order that they were selected.

Adding files to a playlist

- Select **Media** on the HOME screen and press the **ENTER** button. Media icons will appear. Use the ∇/\wedge cursor buttons to select an SD/USB icon and press the **ENTER** button.



- Opening the selected icon will show the following folders.



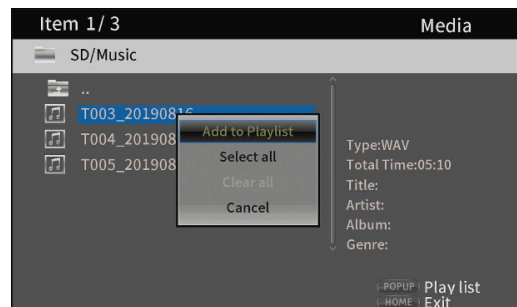
- **...**: Top folder
- **Photo:** Photo folder
- **Music:** Audio folder
- **Video:** Video folder
- **AVCHD:** High-quality video folder

NOTE

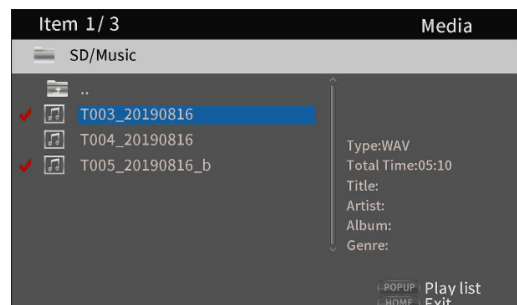
Playlists can only include image, audio or video files.

A playlist cannot contain different types of files. (For example, it cannot contain both image and video files.)

- Select the file to add to the playlist, and press the **TITLE/POP UP** button to open a pop-up message.

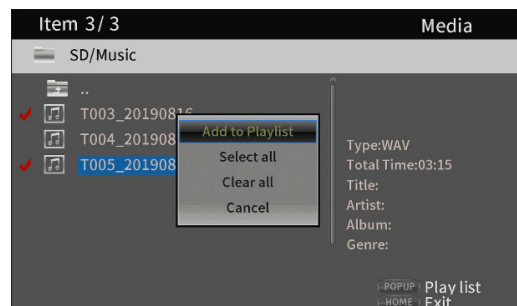


- Use the ∇/\wedge cursor buttons to select "Add to playlist", and press the **ENTER** button to add the selected file to the playlist.
 - When a file is selected, press the \blacktriangleright cursor button to add a check mark before the file name, selecting it.

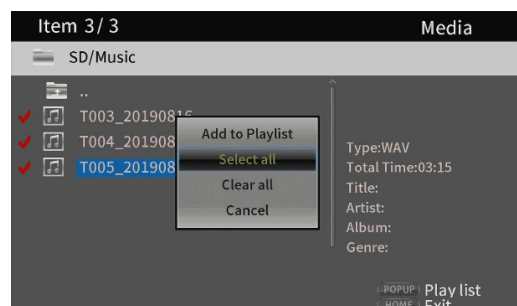


Select a file again and press the \blacktriangleright cursor button to remove its check mark.

- Add check marks to the necessary files, and press the **TITLE/POP UP** button to open a pop-up message. Use the ∇/\wedge cursor buttons to select "Add to playlist", and press the **ENTER** button to add the selected file to the playlist.



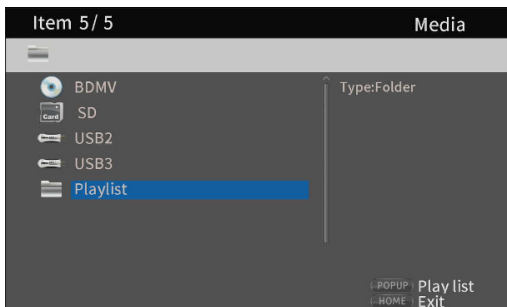
- In addition, check marks can be added to all files in the folder by selecting "Select all" in the pop-up and pressing the **ENTER** button in step 3.



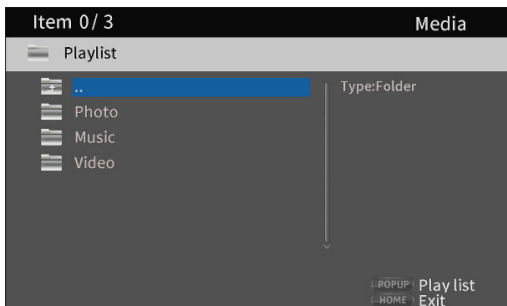
- With check marks added to files, press the **TITLE/POP UP** button to open a pop-up message. Use the \vee/\wedge cursor buttons to select "**Add to playlist**", and press the **ENTER** button to add the selected file to the playlist.
- Select "**Clear all**" in the pop-up message and press the **ENTER** button to remove check marks from all files. Exiting the folder will also remove the check marks from all files. To do nothing, select "**Cancel**" and press the **ENTER** button, or press the **RETURN** button to return to the original screen.

Playing files in a playlist

1. Select **Media** on the HOME screen and press the **ENTER** button. Media icons will appear. Use the \vee/\wedge cursor buttons to select the Playlist folder and press the **ENTER** button.

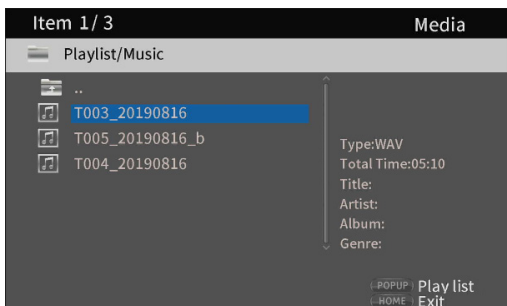


2. Opening the playlist folder will show the following folders.



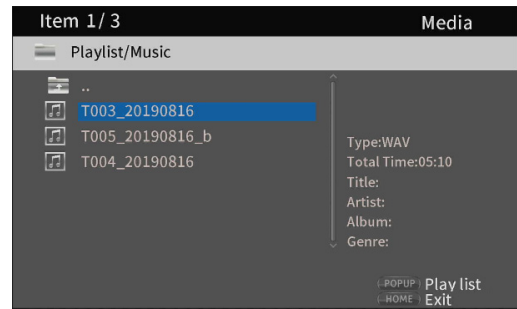
- ☐...: Top folder
- Photo:** Photo folder
- Music:** Audio folder
- Video:** Video folder

3. Select a file for playback, and press the **ENTER** or **▶** button to start playing the playlist

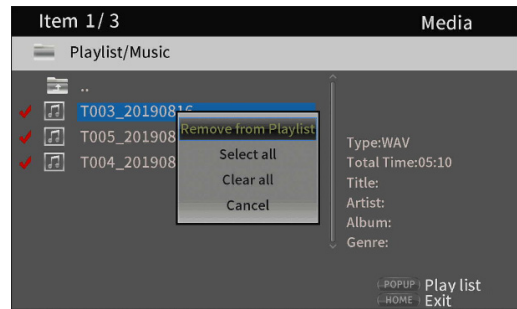


Removing files from a playlist

1. To remove a file from a playlist, select the playlist icon and open the folder that contains the file.



2. To remove a specific file from the playlist, select it and press the **>** cursor button to add a check mark before its name.



- At this point, press the **TITLE/POP UP** button to open a pop-up message. Then, use the \vee/\wedge cursor buttons to select "**Remove from playlist**" and press the **ENTER** button to remove files with check marks from the playlist.
3. To remove all files from the playlist, press the **TITLE/POP UP** button to open a pop-up message. Then, select "**Select all**" and press the **ENTER** button to add check marks to all files in the folder. Press the **TITLE/POP UP** button again to open a pop-up message. Then, use the \vee/\wedge cursor buttons to select "**Remove from playlist**" and press the **ENTER** button to remove files with check marks from the playlist.

Using program playback

This unit can play the content (titles/chapters or tracks) of video and audio discs in specified order.

1. First, press the **PROG/RED** button. The following Program page appears on the monitor.

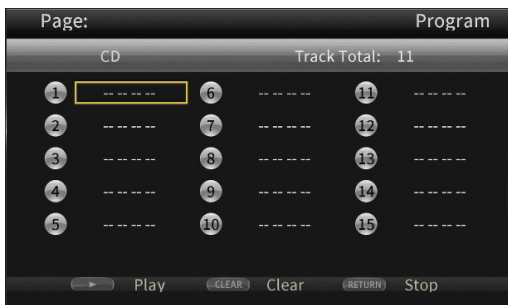
NOTE

Pressing the **PROG/RED** button again during this operation will clear the set content, restoring the default state.

DVD Screen



CD Screen



The Program screen shows the type of media that can have its playback order set (title/chapter or track), the total number of programmed items (15 maximum) and the names of the operation buttons (Play/Clear/Stop).

* Remote control button assignments

- Play: ► button
- Clear: **CLEAR** button
- Stop: **RETURN** button

2. On the Program screen, input the content to play in order from field ① using the procedures below.

1. First, in field ①, press the **ENTER** button. Then use the ∇/\wedge cursor buttons to select titles/chapters or tracks.

DVD Screen



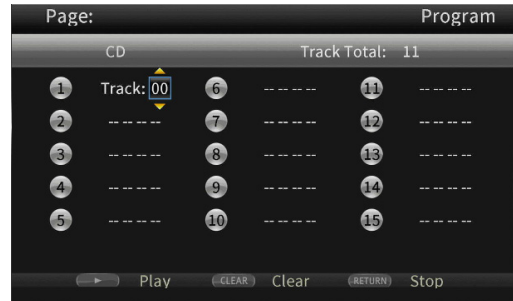
- For video discs, first use the ∇/\wedge cursor buttons to select the number* of the title to be played in the title input

field. Then, use the \triangleright cursor button to move to the chapter input field, and use the ∇/\wedge cursor buttons to select the number* of the chapter to be played.

- Use the **CLEAR** button to reset the input number to **0**.
- Press the **RETURN** button to cancel the program and close the Program page.

* Only values that exist in the disc content can be selected.

CD Screen



- For audio discs, use the ∇/\wedge cursor buttons to select the number* of the track to be played in the track input field.
- Use the **CLEAR** button to reset the input number to **0**.
- Press the **RETURN** button to cancel the program and close the Program page.

- * Only values that exist in the disc content can be selected.
- 2. After inputting all the desired playback items, press the ► button to start program playback.

NOTE

When the Program page is open, only the following buttons can be used.

- , **CLEAR**, **RETURN**, cursor and number buttons

Setting bookmarks

This unit can be used to set bookmarks to remember specific places on video discs. The internal memory can store a maximum of 12 bookmarks.

- To create a bookmark, press the **MARK/GREEN** button at the desired place during video playback.
- The bookmark number, current title, chapter and time are shown on the monitor.

Jumping to bookmarks

1. Press and hold the **MARK/GREEN** button for 6 seconds. Playback will pause, and available bookmarks will be shown on the monitor.
2. Use the </> cursor buttons to move between bookmarks. When a bookmark is selected, its number and the current title, chapter and time are shown on the monitor. Available bookmarks appear white, while unused bookmarks appear gray.
3. Press the **ENTER** button to jump to the target bookmark. Playback from that bookmark is possible. To cancel this operation and return to ordinary playback, press the **MARK/GREEN** button.

Deleting bookmarks

1. Press and hold the **MARK/GREEN** button for 6 seconds. Playback will pause, and available bookmarks will be shown on the monitor.
2. To delete the last created bookmark, press the **CLEAR/GREEN** button.
3. Press the **MARK/GREEN** button to close the bookmarks and return to ordinary playback.

Adjusting the volume from the unit

To adjust the volume during playback, use the **-/+ (VOLUME)** buttons.


If the playback sound still cannot be heard after raising the volume some, adjust the volume on the monitor, TV, amplifier or other sound output equipment.


NOTE

If the remote control **-/+ (VOLUME)** buttons do not function, on the HOME screen, select **Settings > Audio Settings > Audio Output > Volume Control** and set it to **Enable**.

Muting with this unit

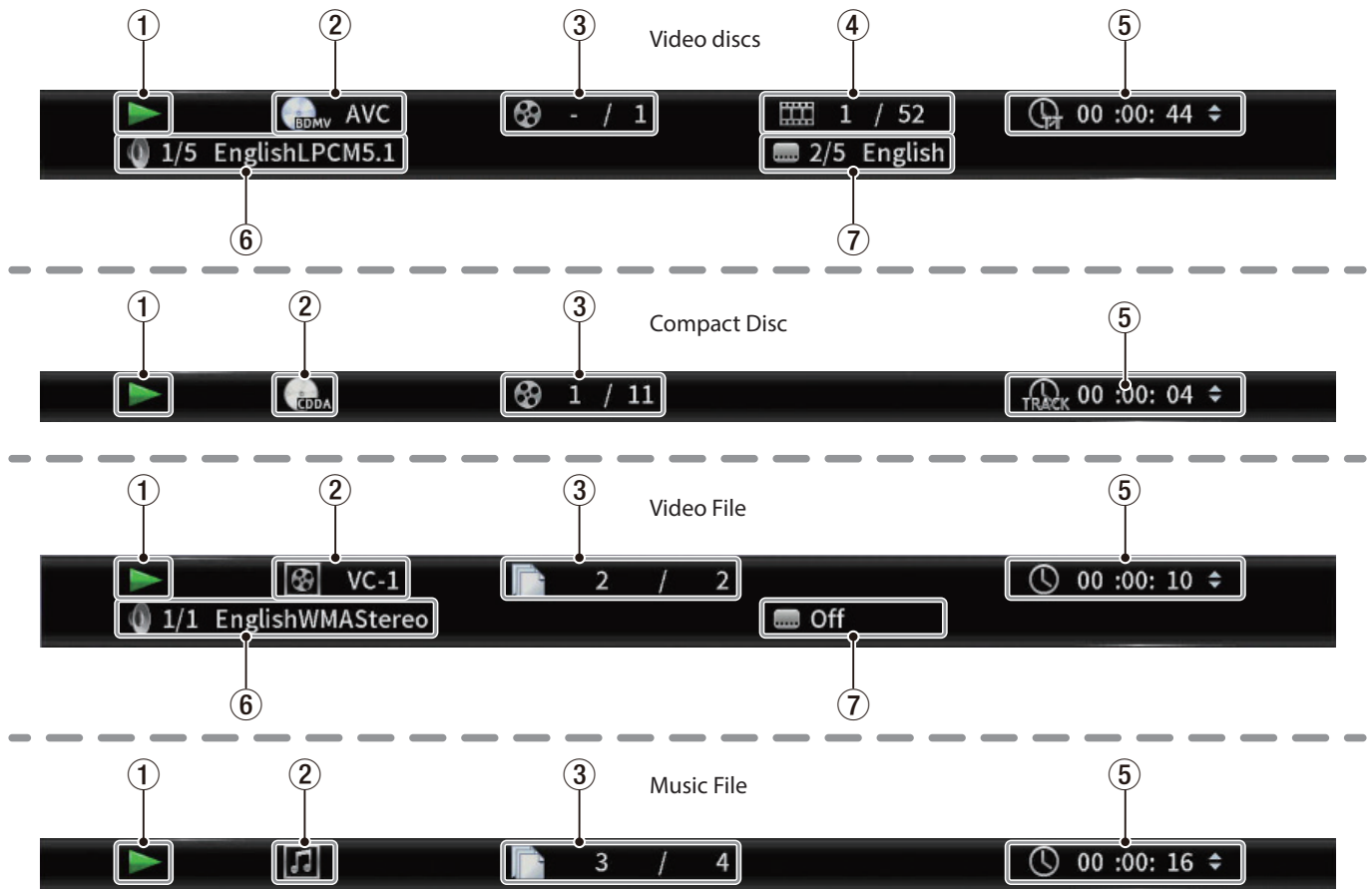
By pressing the **MUTE** button, playing sounds can be muted by this unit.

When muted, the  icon appears on the monitor.

Press the **MUTE** button again to stop muting. The  icon appears on the monitor. (This icon will disappear from the monitor after a little while.)

Overview of ON SCREEN information bar

Press the **ON SCREEN** button to open an information bar at top of the monitor screen.



1 Operation status

This shows the current operation status.

- ▶ Playing
- ⏸ Playback paused
- ◀ X Search backward X (1-5)
- ▶ X Search forward X (1-5)
- ⏮ Skip backward
- ⏭ Skip forward
- ⊘ Operation not possible

2 Media/file

This shows the type of the playing media/file.

3 Title/track

This shows the number of the current title/track.

4 Chapter

This shows the current chapter.

5 Playback time

This shows the current playback time.

6 Audio settings

This shows the current audio settings.

Press the **AUDIO** button to change the available audio settings.

7 Subtitle language

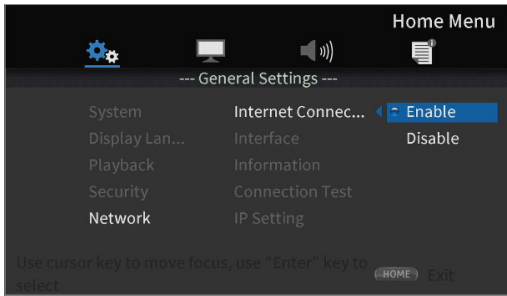
This shows the current subtitle setting.

Press the **SUBTITLE** button to change the selectable subtitle language.

Network connection overview

From the HOME screen, use **Settings > General Settings > Network** to set the network connection.

1. In the submenu, set **"Internet Connection"** to **"Enable"**.

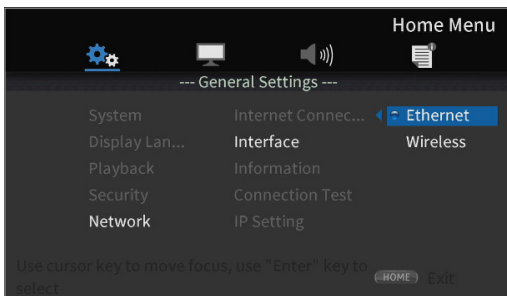


Use the > cursor or **ENTER** button to move to the function setting. Use the ∨/∧ cursor buttons to select **"Enable"** or **"Disable"** and press the **ENTER** button to confirm.

To exit a folder or subfolder, press the < cursor button repeatedly to return to the starting screen.

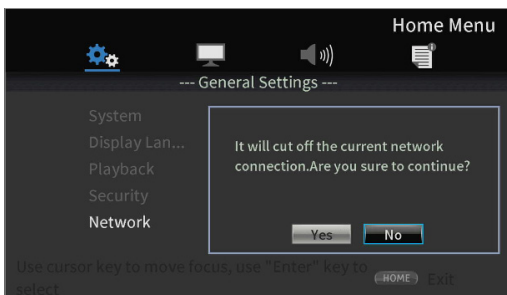
2. Set the method of Internet access for the unit to **"Ethernet"** or **"Wireless"*** in the submenu.

* **"Wireless"** connection can only be used if a USB-wireless LAN adapter* has been connected to the unit. (A USB-wireless LAN adapter is not included with this unit. Prepare one for use as necessary. For recommended USB-wireless LAN adapters, see the TASCAM web site (<https://tascam.com/us/>).



Use the > cursor or **ENTER** button to move to the function setting. Use the ∨/∧ cursor buttons to select **"Ethernet"** or **"Wireless"** and press the **ENTER** button to confirm.

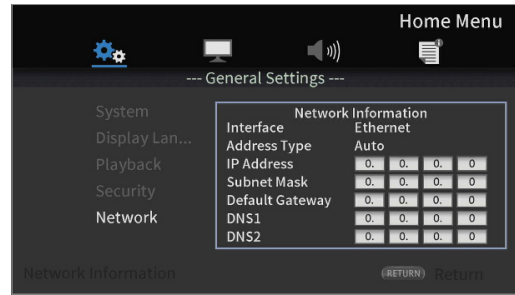
The following message will appear when the current setting is changed.



To connect, select **"Yes"** and press the **ENTER** button.

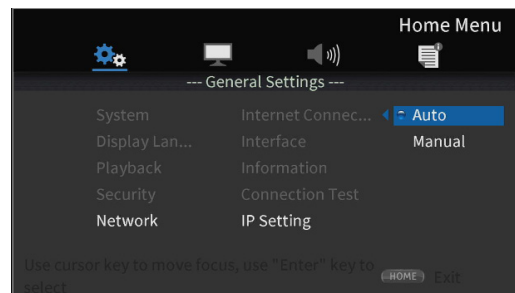
- Using a wireless connection
The following connection methods can be selected.
 - **Scan:** The unit will search for access points, allowing selection of a network.
 - **Manual:** An SSID can be set manually to connect.
 - **Auto:** Connection is possible using Wi-Fi Protected Setup (WPS) standards.

3. From the Information submenu, Network Information, the following screen can be checked.

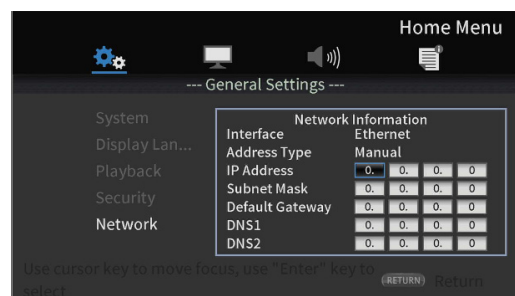


Press the **RETURN** Button to return to the previous screen.

- Information shown
interface, address type, IP address, subnet mask, gateway, DNS1 and DNS 2.
(When DHCP is set to "0", this information can be input manually using the remote control.)
4. The network can be tested with **"Connection Test"** in the submenu.
The following messages appear if there is a problem with the network connection.
 - **"Network is FAILED"**: Problem with network
 - **"Proxy is FAILED"**: Problem with proxy
 5. Select how the unit's IP address is set in the IP Setting submenu.



- **Auto:** Automatically acquire the IP address from a DHCP server.
- **Manual:** (see settings screen below)

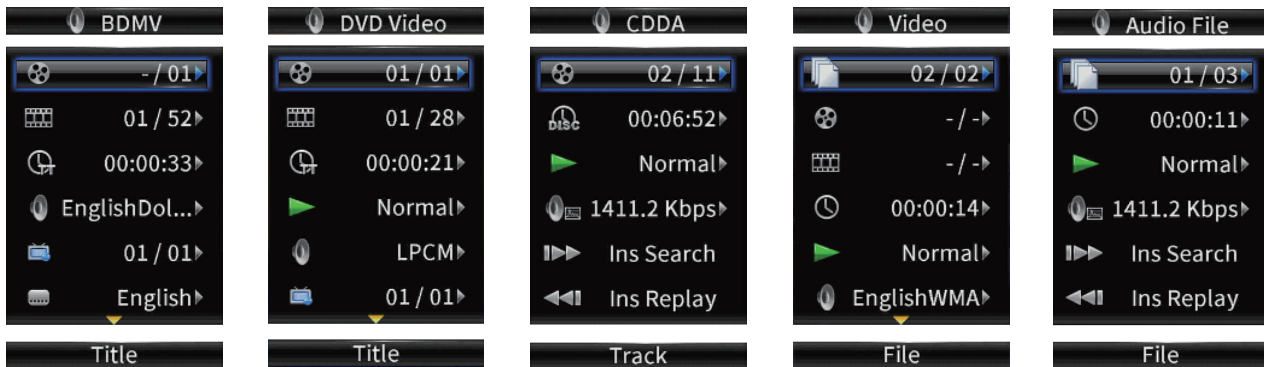


The cursor buttons can be used to select the IP address, subnet mask, default gateway, DNS 1 and DNS 2, and the number buttons can be used to input values.

Press the **RETURN** button even during an operation to return to the previous screen.

- If **"Wireless"** is selected in the submenu Interface setting, select **"Wireless Setting"** in the submenu to set the wireless connection. (The setting procedures are the same for the Interface settings.)

Option menus



Using the option menu, specific settings can be made during playback without opening the Settings menu. Option menu appears on the left side of the monitor.

The available options depend on the type of media currently used.

Refer to the appropriate section according to the media type: BDMV options for Blu-ray discs, DVD Video options for DVDs, Video options for video files, Audio CD options for audio CDs, Audio File options for audio files and Image File options for image files.




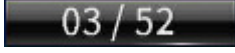






To show and hide option menus, press the remote control **OPTION** button during playback.








Basic option menu operations

- To move in a menu, use the ∇/\wedge cursor buttons. The current item is shown in a blue frame.
- If an arrow (\blacktriangleright) appears to the right of a menu item, press the **ENTER** or \blacktriangleright cursor button to open a submenu that contains additional options.
- In a submenu, if up/down arrows ($\blacktriangle/\blacktriangledown$) appear, the ∇/\wedge cursor buttons can be used to select the previous or next option. Press the **ENTER** or \blacktriangleleft cursor button to confirm a selection and close the submenu.
- If no arrow appears to the right of an item, press the **ENTER** button to execute that function.

General Settings










BDMV options









Option menu name	Options	Explanation
 Title		The playing title can be changed. The number on the left is the currently playing title. The number on the right is the total number of titles.
 Chapter		The playing chapter can be changed. The number on the left is the currently playing chapter. The number on the right is the total number of chapters.
 Time	Hours: minutes: seconds	The elapsed time of the title or chapter.
	00: 00: 00	The time shown can be switched from title elapsed time (TT) to title remaining time (-TT), chapter elapsed time (CH) or chapter remaining time (-CH).
 Audio	(Depends on disc)	Audio settings can be changed. The audio settings that can be used depend on which are supported by the video. For example, DTS-HD MA (master audio) or Dolby Digital can be selected in various languages for Blu-ray discs.
 Angle		The camera angle can be changed. The number on the left is the current angle. The number on the right is the total number of available angles. This function can only be used with discs that have data for multiple angles.
 Subtitles	(Depends on disc)	Subtitle display can be changed. The settings that can be used depend on the subtitle languages supported by the video.
 Subtitle style	(Depends on disc)	The display style of subtitles can be changed. The settings that can be used depend on the subtitle languages supported by the video.

	Secondary video	On/Off	The picture-in-picture function can be turned on/off. Using this function, additional content can be shown in a small window during playback in the main window. This function can only be used with discs that support it.
	Secondary audio	On/Off	The audio used by the picture-in-picture function can be turned on/off. This function can only be used with discs that support it.
	Bit rate	–	This is the current bit rate. The shown bit rate can be switched between video and audio.
	Image off	–	Press the ENTER button to turn the video image off, and continue playing only the audio. This function can only be used with discs that support it.
	Quick search	–	Press the ENTER button to search forward 30 seconds.
	Instant replay	–	Press the ENTER button to jump backward 10 seconds.
	CC Select	<ul style="list-style-type: none"> ● Analog CC 1 - 4 ● Off 	Closed caption settings can be changed. This is set to Off when shipped new from the factory.

* The content shown depends on the disc playing.









DVD Video options





Option menu name	Options	Explanation
 Title		The playing title can be changed. The number on the left is the currently playing title. The number on the right is the total number of titles.
 Chapter		The playing chapter can be changed. The number on the left is the currently playing chapter. The number on the right is the total number of chapters.
 Time	Hours: minutes: seconds	The elapsed time of the title or chapter.
	00: 00: 00	The time shown can be switched from title elapsed time (TT) to title remaining time (-TT), chapter elapsed time (CH) or chapter remaining time (-CH).
 Mode	<ul style="list-style-type: none"> ● Normal ● Shuffle CH ● Shuffle TT ● Shuffle ALL ● Random CH ● Random TT ● Random ALL 	The file playback mode can be changed.
 Audio	(Depends on disc)	Audio settings can be changed. The audio settings that can be used depend on which are supported by the video. For example, DTS-HD MA (master audio) or Dolby Digital can be selected in various languages for Blu-ray discs.
 Angle	–	The camera angle can be changed. The number on the left is the current angle. The number on the right is the total number of available angles. This function can only be used with discs that have data for multiple angles.
 Subtitles	(Depends on disc)	Subtitle display can be changed. The settings that can be used depend on the subtitle languages supported by the video.

	Subtitle style	(Depends on disc)	The display style of subtitles can be changed. The settings that can be used depend on the subtitle languages supported by the video.
	Secondary video	On*/Off	The picture-in-picture function can be turned on/off. Using this function, additional content can be shown in a small window during playback in the main window. This function can only be used with discs that support it.
	Secondary audio	On*/Off	The audio used by the picture-in-picture function can be turned on/off. This function can only be used with discs that support it.
	Bit rate	–	This is the current bit rate. The shown bit rate can be switched between video and audio.
	Image off	–	Press the ENTER button to turn the video image off, and continue playing only the audio. This function can only be used with discs that support it.
	Quick search	–	Press the ENTER button to search forward 30 seconds.
	Instant replay	–	Press the ENTER button to jump backward 10 seconds.
	CC Select	<ul style="list-style-type: none"> ● Analog CC 1 - 4 ● Off 	Closed caption settings can be changed. This is set to Off when shipped new from the factory.







* The content shown depends on the disc playing.

Video options

Option menu name	Options	Explanation
 File	–	The playing file can be changed. The number on the left is the currently playing file. The number on the right is the total number of video files in the folder.
 Title	–	The playing title can be changed. The number on the left is the currently playing title. The number on the right is the total number of titles.
 Chapter	–	The playing chapter can be changed. The number on the left is the currently playing chapter. The number on the right is the total number of chapters.
 Time	Hours: minutes: seconds	The elapsed time of the title or chapter. The time shown can be switched from title elapsed time (TT) to title remaining time (-TT), chapter elapsed time (CH) or chapter remaining time (-CH).
	00: 00: 00	
 Mode	Normally/Random/Shuffle	The file playback mode can be changed.
 Audio	(Depends on file)	Audio settings can be changed. The audio settings that can be used depend on which are supported by the video. For example, Stereo, Mono, Left and Right can be selected with video files.
 Subtitles	(Depends on file)	Subtitle display can be changed. The settings that can be used depend on the subtitle languages supported by the video.
 Code	–	The external subtitle code can be changed.

	Bit rate	–	This is the current bit rate. The shown bit rate can be switched between video and audio.
	Quick search	–	Press the ENTER button to search forward 30 seconds.
	Instant replay	–	Press the ENTER button to jump backward 10 seconds.
	CC Select	<ul style="list-style-type: none"> ● Analog CC1 - 4 ● Digital CS1 - 6 ● Off 	Closed caption settings can be changed. This is set to Off when shipped new from the factory.

Audio CD options

Option menu name	Options	Explanation	
 Track	–	The playing track can be changed. The number on the left is the currently playing track. The number on the right is the total number of tracks on the disc or in the program.	
 Time	Hours: minutes: seconds	Track or disc elapsed time	
	00: 00: 00	The time shown can be switched from track elapsed time (Track) to track remaining time (-Track), disc elapsed time (Disc) or disc remaining time (-Disc).	
 Mode	Normally/Random/Shuffle	The file playback mode can be changed.	
 Bit rate	–	This is the current audio bit rate.	
	Quick search	–	Press the ENTER button to search forward 30 seconds.
	Instant replay	–	Press the ENTER button to jump backward 10 seconds.

Audio file options











Option menu name	Options	Explanation	
 File	–	The playing file can be changed. The number on the left is the currently playing file. The number on the right is the total number of audio files in the folder or playlist.	
 Time	Hours: minutes: seconds	This is the file elapsed time.	
	00: 00: 00	The time shown can be switched from the file elapsed time to the file remaining time.	
 Mode	Normally/Random/Shuffle	The file playback mode can be changed.	
 Bit rate	–	This is the current audio bit rate.	
	Quick search	–	Press the ENTER button to search forward 30 seconds.
	Instant replay	–	Press the ENTER button to jump backward 10 seconds.

Image File options

Option menu name	Options	Explanation
 File	–	The file being shown can be changed. The number on the left is the currently shown file. The number on the right is the total number of image files in the folder.
 Mode	Normally/Random/Shuffle	The file display mode can be changed.
 Slideshow speed	Slow/Middle/First	The slideshow speed can be changed. This is set to Middle when shipped new from the factory.
 Transitions	None/Wipe Left/Wipe Right/ Wipe Up/Wipe Down/Box In/Box Out/Blending/Dissolve/Interlace H/Interlace V/Split In H/Split In V/ Split Out H/Split Out V	The transition used between slideshow images can be changed. This is set to None when shipped new from the factory.

Troubleshooting

If you are having trouble with the operation of this unit, please try the following before seeking repair.

If these measures do not solve the problem, please contact the store where you bought the unit or TASCAM customer support service.

The unit will not turn on.

- Confirm that the power plug and other connectors are inserted completely.

Turning the TV off causes this unit to automatically turn off. (Turning this unit on also causes the TV to automatically turn on.)

- When used with a TV that supports CEC link functions, if CEC link control is set to ON for this unit, the power for the TV and this unit will be linked, causing one to turn on/off automatically. (Depending on the TV being used, it might not automatically turn on.)

The unit does not function.

- Confirm that the lock function is not on.
- When operation is prohibited, "⊘" or a message will appear.

The Settings screen or its submenus cannot be selected or opened.

- Sometimes settings and items cannot be selected or shown.

The disc tray cannot be opened or closed.

- The disc tray cannot be opened or closed during software (firmware) updates.
- If a disc that cannot be used by this unit is loaded in it, the tray might stop opening and closing.
- Confirm that the tray lock function is not on.

Operations are not possible for a while after the disc is loaded.

- Some time is necessary for the unit to recognize the disc and read its information before the disc can be used.

SD card/USB flash drive is not recognized.

- Confirm that the SD card/USB flash drive is inserted securely.
- Is the connected SD card/USB flash drive supported by the unit?
- Check the format (file system) of the SD card/USB flash drive.
- Stop playback or recording once.

Sometime after connecting a SD card/USB device, the unit stopped responding to operations.

- A problem has occurred during playback from the SD card/USB device, making operation of the unit impossible. Disconnect and reconnect the SD card/USB device.

The remote control (RC-BDMP1) does not function.

- Confirm that a battery is installed and has not died.
- Confirm that the IR lock function is not on.

The playback screen does not appear.

- Is the TV input set to the input connected to this unit?
- Display at the selected resolution might not be possible. Press the **HDMI** button on the remote control to change the resolution setting.

A disc cannot be played.

- Confirm that the disc format is supported by this unit.
- Confirm that the disc is not scratched or dirty.

A file on a disc cannot be played.

- Confirm that the disc is recorded in UDF, ISO9660 or JOLIET format.
- Confirm that the file format is supported by this unit.

A file desired for playback cannot be found.

- Confirm that the maximum file number has not been exceeded.
- Check the file extension.

No sound is output.

- Check connections with the monitoring system again. Check the volume of the amplifier as well.

There is noise.

- Confirm that the connection cables do not have contact issues.

Video or audio stops momentarily.

- During playback of a dual layer disc, video or audio might stop temporarily when switching from the first layer to the second.
- If a disc has scratches or fingerprints on its surface, for example, it might not play properly.

Something is wrong with the screen size.

- Has “**TV Screen**” been set according to the TV format?
- If the screen size is specified by the disc, a size other than the set screen size might be used.

“” appears.

- The operation is prohibited by the content during playback.

Operations are not possible during playback.

- Some discs prohibit operations.
- With some discs, the unit cannot be used to change the playback speed, for example.

Playback will not start when a title is selected.

- Playback might be prohibited by parental controls. Check the “**Parental Control**” setting.

The HOME screen will not open.

- If the HIDE MENU function is on, the HOME screen will not open and the screen will remain black even if the **HOME** button is pushed.
To open the HOME screen, press the **HIDE MENU** button on the unit remote control to turn the HIDE MENU function off.

During playback, video is disrupted, does not appear or has a strange color.

- When searching forward or backward, for example, the video might appear a little irregular.
- Is a mobile phone or other device that emits radio waves being used nearby?
- Has a disc that is not supported by the unit or that has a different region code been loaded in it.
- Does the TV support HDCP?
- With the power on, try disconnecting the HDMI cable from the TV and this unit and then reconnecting it.
- Use a different HDMI cable and reconnect them.
- Check the “**Video**” setting.

Subtitles do not appear.

- Subtitles cannot be turned on for titles without subtitle data.

No audio is output from the AV amplifier.

- Confirm that the AV amplifier is turned on.
- Confirm that the AV amplifier output is correct.
- Confirm that the AV amplifier supports bitstream or LPCM.
- Check the volume of the AV amplifier.

The camera angle cannot be changed.

- Angles cannot be changed for BD-Video or DVD-Video that does not have multiple angles recorded.
- Camera angles can only be changed for scenes that have it enabled.

High definition resolution cannot be viewed.

- Confirmed that the title recorded in high definition.
- Does the TV connected to the unit support high definition?

HDMI device control does not work.

- HDM device control only works when the necessary settings have been made for this unit and the other supported device.
- When HDMI device control is enabled, it will be disabled if the power plug of this device or the HDMI cable is disconnected.

Cannot connect to a network.

- Confirm that the modem and router are turned on.
- Confirm that the modem and router Internet indicators are lit.
- Check the unit’s Network settings.
- Confirm that this unit and router are connected correctly.
- Confirm that the router DHCP function is enabled.

A password was forgotten.

- If it has been forgotten, contact TASCAM customer support service.

Specifications

General

Supported media

Disc media

Blu-ray: 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, BD-Audio
DVD: DVD-Video, DVD-VR, AVCHD, DVD-Audio

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 drive and SD card formats must use FAT16, FAT32 or NTFS file systems.

Audio

BD/DVD/USB/SD

Sampling frequency: 44.1 kHz/48 kHz/64 kHz/88.2 kHz/
96 kHz/176.4 kHz/192 kHz

Bit length: 16/24 bit

CD

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

MP3/WMA

Sampling frequency: 32 kHz/44.1 kHz/48 kHz
Bitrate MP3: 112 kbps - 320 kbps
WMA: 48 kbps - 192 kbps

Outputs

HDMI output

Connector: HDMI 19pin Type A
Resolution: 480i/576i, 480p/576p, 720p, 1080i, 1080p
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)

Digital Audio output

COAXIAL

Connectors: RCA pin jacks
Format: IEC60958-3(S/P DIF)
Output impedance: 75 Ω or lower

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 or lower

Unbalanced

Connectors: RCA pin jack \times 1 pair
Nominal output level: -10 dBV (0.316 Vrms)
Maximum output level: +6 dBV (2.0 Vrms)
Output impedance: 200 Ω or lower

7.1ch Audio outputs

Connector: RCA x8 (FL/FR/SL/SR/SBL/SBR/C/SW)
Connector Color: 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 or lower

Control input/output

RS-232C connector

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

Ethernet connector

Connector: RJ-45
Protocol: 10 BASE-T/100 BASE-TX

USB port

Connector: USB type-A x2 (Front x1, Rear x1)
Protocol: USB 2.0 compliant
Rated supply voltage: DC 5 V, 1 A
Mass storage class: 2TB (MAX)
Supported file formats: FAT16/FAT32/NTFS

SD slot

Supported media: SD (512 MB-2 GB), SDHC (4 GB-32 GB),
Storage class: Max 32GB
Supported file formats: FAT16/FAT32/NTFS

Audio performance

Frequency response: 20 Hz - 20 kHz \pm 0.5 dB
(Fs=44.1 kHz/48 kHz, JEITA)

S/N ratio: > 96 dB (When playback, JEITA)

THD (Total Harmonic Distortion): < 0.03% 1 kHz(JEITA)

Dynamic range: > 96 dB (JEITA)

Channel separation: > 89 dB (JEITA)

Other

Power

AC100 - 240 V, 50/60 Hz

Power consumption

30 W

Dimensions (W x H x D, Including protrusions)

482.8 × 44 × 280.7 mm

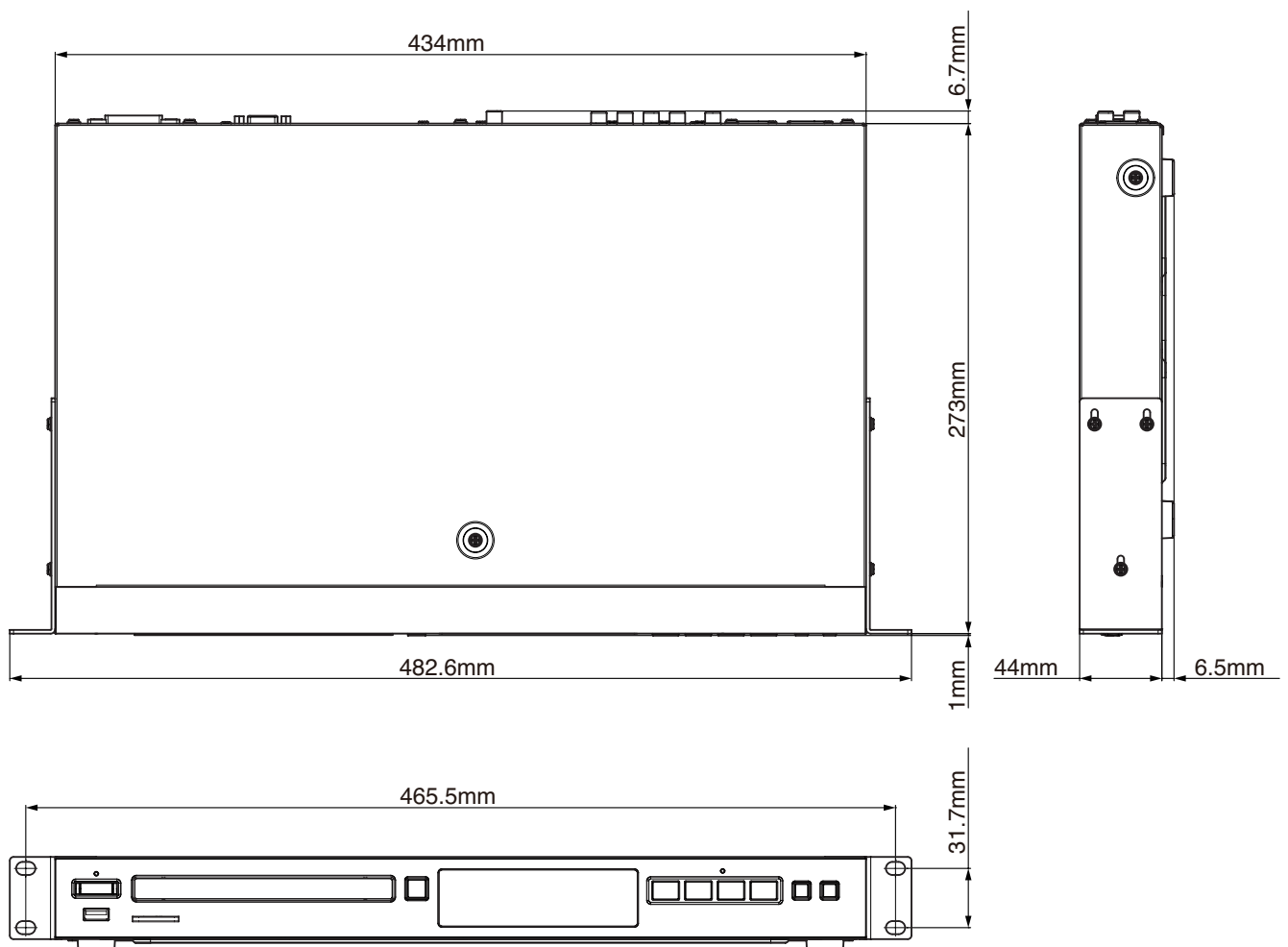
Weight

2.64 kg

Operating temperature range

5 °C – 35 °C (41°F - 95°F)

Dimensional drawings



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- Specifications and external appearance might be changed without notification to improve the product.

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List of packages

(GNU GPLv2)

linux kernel

(GNU LGPLv2.1)

DirectFB

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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Modello/Modelo/型号

BD-MP1

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