



Testing Tool

Instruction manual

SCE CONFIDENTIAL

This manual contains safety precautions for the prevention of accidents, and instructions for the use and handling of this product. Read this manual carefully and use the product in a safe manner. After reading the manual, store it in an accessible location for future reference.

DTP-H1500 A
DTP-L1500 A

WARNING

WARNING

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Use the supplied AC adaptor only. If you use other types, it may cause fire, electrical shocks or a malfunction.

Laser specifications

UMD™

Wave length: 655-665 nm
Power: max 0.28 mW
Type: Semiconductor, continuous

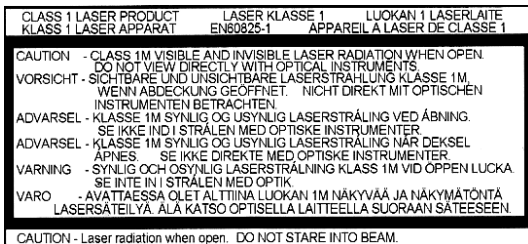
DVD-ROM

Wave length: 640-660 nm (DVD)
775-805 nm (CD)
Power: max 0.3 mW (DVD)
0.23 mW (CD)
Type: Semiconductor, continuous

For customers in the U.S.A. and Canada

CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beams used in the DVD-ROM and UMD™ drives are harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.



This label is located on the DVD-ROM laser protective housing inside the enclosure.

For customers in the U.S.A.

CAUTION

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTE:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

FCC Radio-Frequency Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and body. This transmitter must not be co-located or operating in conjunction with any antenna or transmitter.

Owner's Record

The model and serial numbers are located on the side of the unit. Record the serial number in the space provided below. Refer to these numbers whenever you call for technical assistance at the number shown in "Contact information" on the back cover of this instruction manual.

Model No.

DTP-H1500 A

DTP-L1500 A

Serial No. _____

For customers in Canada

This Class A digital apparatus complies with Canadian ICES-003.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

Operation is subject to the following two conditions; (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Pour les utilisateurs au Canada

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Le terme "IC" avant le numéro d'homologation ne signifie seulement que les normes d'Industrie Canada ont été respectées.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

WARNING

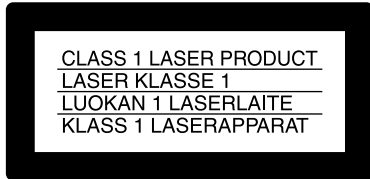
For customers in Europe

CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beams used in the DVD-ROM and UMD™ drives are harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.



This label is located on the DVD-ROM laser protective housing inside the enclosure.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER product marking is located on the side of the product.

This equipment complies with EN55022 CLASS B and EN55024 for use in the following areas: residential, business, and light-industrial.

This equipment has been tested and found to comply with the limits set out in the R&TTE Directive using a connection cable shorter than 3 metres.

Audio and picture distortion may occur if this equipment is positioned in close proximity to any equipment emitting electromagnetic radiation.

If this unit is affected by static electricity or burst-noise, it may not work correctly.



For customers in Korea

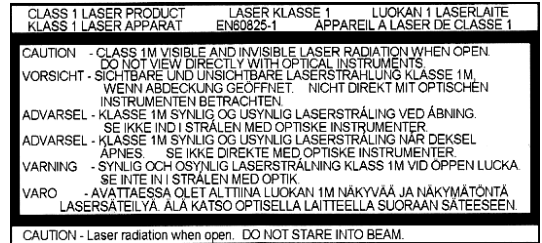
한국 소비자용

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며 만약 잘못 판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.

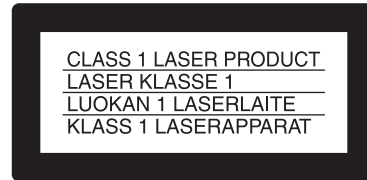
주의

이 제품을 광학기계와 함께 사용하면 시력을 해칠 우려가 있습니다. 이 제품의 DVD-ROM과 UMD™ 드라이브에 사용된 레이저 빔은 눈에 해로우므로 케이스를 분해하지 마십시오.

우리는 반드시 전문 기술자에게 의뢰하십시오.



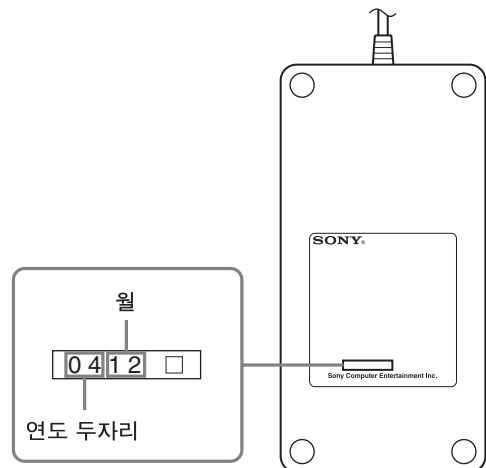
이 라벨은 내부의 DVD-ROM 레이저 보호장치에 표시되어 있습니다.



이 기기는 CLASS 1 LASER 제품으로 분류됩니다. CLASS 1 LASER 표시는 제품 옆면에 있습니다.

AC 어댑터의 제조년월

AC 어댑터의 라벨 아래 부분에 제조년월이 표시되어 있습니다.



Important safeguards

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference.

Carefully observe all warnings, precautions and instructions on the appliance, or those described in the instruction manual and adhere to them.

USE

Power sources

This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those units designed to operate from battery power, or other sources, refer to the operating instructions.

Overloading

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

Liquid and foreign objects

Never push objects of any kind into the unit through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.

Attachments

Do not use attachments not recommended by the manufacturer, as they may cause hazards.

Cleaning

Unplug the unit from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the unit exterior.

INSTALLATION

Water and moisture

Do not use the powerline operated unit near water – for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool, etc.

Power cord protection

Route the power cord so that it is not likely to be walked on or pinched by items placed upon or against it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the unit.

Ventilation

The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the unit, and to protect it from overheating, these slots and openings must never be blocked or covered.

- Never cover the slots and openings with a cloth or other materials.
- Never block the slots and openings by placing the unit on a bed, sofa, rug or other similar surface.

Accessories

Do not place the unit on an unstable cart, stand, bracket or table. The unit may fall, causing serious injury to a child or an adult, and serious damage to the unit.

Use only a cart, stand, tripod, bracket, or table recommended by the manufacturer.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

- Never place the unit in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
- Do not place the unit near or over a radiator or heat register, or where it is exposed to direct sunlight.

SERVICE

Damage requiring service

Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen onto the unit.
- If the unit has been exposed to rain or water.
- If the unit has been subject to strong physical shock by being dropped, or the cabinet has been damaged.
- If the unit does not operate normally when following the instruction manual. Adjust only those controls that are specified in the instruction manual. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to normal operation.
- When the unit exhibits a distinct change in performance – this indicates a need for service.

Servicing

Do not attempt to service the unit yourself as opening or removing the exterior casing may expose you to dangerous voltage or other hazards.

Refer all servicing to an authorized service center. Refer to the contact information on the back cover to receive instructions on obtaining repair/replacement services.

Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.

Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety check

Upon completion of any service or repairs to the unit, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the unit is in safe operating condition.

Precautions

Safety

This product has been designed with the highest concern for safety. However, any electrical device, if used improperly, has the potential for causing fire, electrical shock or personal injury. To help ensure accident-free operation, follow these guidelines.

- Observe all warnings, precautions and instructions.
- Stop use and unplug the AC power cord from the electrical outlet if the unit functions in an abnormal manner, or produces unusual sounds or smells.
- Call the number listed on the back cover for technical assistance if the device does not operate properly.
- Do not remove the unit's exterior or disassemble the unit. The laser beam emitted from the lens of this unit may be harmful to the eyes.
- Do not use the unit near water.
- Stop using the unit immediately if you experience any of the following symptoms. If the condition persists, consult a doctor.
 - Lightheadedness, nausea or a sensation similar to motion sickness
 - Tired, uncomfortable or aching hands or arms
 - Tired, dry or aching eyes
- Avoid looking at the screen for prolonged periods of time.
- Listening to sound continuously for a long time with a high volume may adversely affect the ears. Be careful, especially when using headphones. Adjust the volume so that surrounding sounds can be heard.
- Do not close the disc tray or disc cover in a way that could pinch your hand or fingers, as personal injury or damage to the unit could result.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

Use and handling

- Do not use the unit or accessories outdoors.
- Do not throw or drop the unit or accessories, or expose the devices to strong physical shock. Handle the analog stick with care.
- Do not forcibly twist the controller or expose it to strong physical shock, as doing so can cause damage.
- Do not place the unit or accessories on surfaces that are unstable, tilted or subject to vibration.
- Do not expose the unit or accessories to high temperatures, high humidity or direct sunlight.
- Do not block the vents.
- Do not wrap the unit or accessories in cloth or similar materials.
- Do not allow dust to build up on the unit.
- Do not place the unit in locations of poor ventilation, such as small, enclosed areas, directly against a wall or on a thick carpet or bedding.
- Do not expose the unit to dust, smoke or steam.
- Do not allow liquid or small particles to get into the unit.
- Do not put heavy objects on the unit.
- Do not place anything in front of the disc tray.
- Do not use damaged, reshaped or repaired discs.
- Do not touch or insert foreign objects into the connectors of the unit or accessories.
- Do not insert cords and cables at an angle. Doing so may damage the connector pins or create the risk of fire.
- Do not set the unit other than in the vertical position.
- If a spring or screw is provided to secure a cable connector, use the provided spring or screw to secure it. Take care to prevent making faulty connections.

Precautions

AC adaptor and AC power cord use

- To help ensure safe operation, during initial setup and regularly thereafter, inspect the AC adaptor and AC power cord. If damaged, stop use immediately and call the number on the back cover for assistance.
- Do not use AC adaptors or AC power cords other than those provided or designated in the instruction manual. If the provided or designated AC adaptor or power cord is not used, electrical shock may result or the unit may not operate.
- Do not modify or damage the AC power cord.
- Do not place the AC adaptor between the unit and a wall or shelf.
- Do not place heavy objects on the AC power cord.
- Check that there is no dust or lint on the power plug before inserting into an electrical outlet. If the plug becomes dirty, wipe it off with a dry cloth before connecting.
- When inserting the AC power cord into an electrical outlet, insert the plug straight into the electrical outlet and not at an angle.
- Unplug the AC power cord from the electrical outlet before cleaning or moving the unit, or when you do not intend to use the unit for an extended period of time. When disconnecting, grasp the power cord by the plug and pull straight out of the electrical socket. Never pull by the cord and do not pull out at an angle.
- Do not touch the plug of the AC power cord with wet hands.
- Do not touch the power plug during an electrical storm.
- Do not touch the unit or AC adaptor for extended periods of time while the unit is turned on, as extended contact may cause low-temperature burns.

Cleaning

- For safety reasons, before cleaning the unit or connected accessories, 1) turn off the unit, 2) disconnect the power plug for the unit from the electrical outlet.

Moisture condensation

- If the unit or disc is brought directly from a cold location to a warm one, moisture may condense on the lens inside the unit or on the disc. Should this occur, the unit may not operate properly. In this case, remove the disc and turn off and unplug the unit. Do not put the disc back in until the moisture evaporates (this may take several hours). If the unit still does not operate properly, obtain technical assistance using the contact information on the back cover.

Photosensitivity

- A very small percentage of individuals may experience epileptic seizures when exposed to certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a television screen or while playing video games, including games played on the unit, may trigger an epileptic seizure in these individuals. Certain conditions may trigger previously undetected epileptic symptoms even in persons who have no history of prior seizures or epilepsy. If you, or anyone in your family, has an epileptic condition, consult your physician prior to playing. If you experience any of the following symptoms while playing a video game - dizziness, altered vision, eye or muscle twitches, loss of awareness, disorientation, any involuntary movement or convulsions - IMMEDIATELY discontinue use and consult your physician before resuming play.

Radio waves

- Radio waves may affect electronic equipment or medical devices (for example, pacemakers), which may cause malfunctions and possible injuries.
 - If you use a pacemaker or other medical device, consult your physician or the manufacturer of your medical device before using the wireless networking feature.
 - Keep the unit at least 9 inches (23 cm) away from a pacemaker or other medical devices when using the wireless networking feature.

About this product

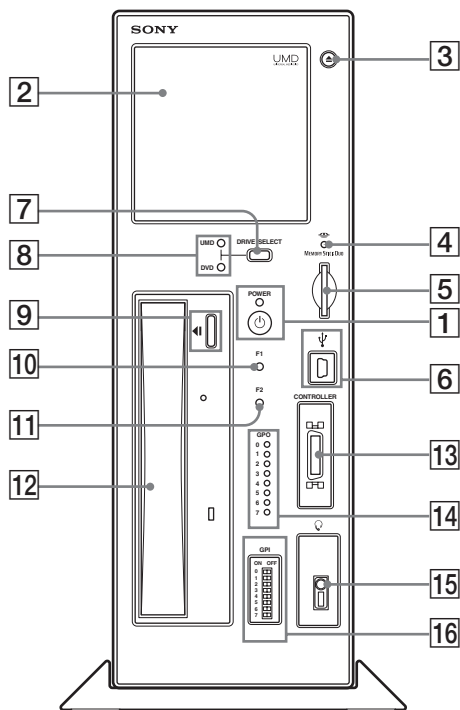
This unit is equipped with features for the development of PSP™ software.

- PSP™ features are provided for efficient software development.
- Two types of drives are built in: a UMD™ drive, and a DVD-ROM drive, which is used during development. A switch is used to select the desired drive.

For details, contact technical support using the contact information on the back cover.

Part names and usage

Unit front



1 On/standby button, power indicator

This button turns the unit on and off. To turn on the unit, press the on/standby button while it is in standby mode. The indicator then turns solid green when the system is ready. The unit status can be determined by the color of the power indicator.

Solid green	The system is starting up (the unit can now be used)
Solid orange	Standby mode

2 Disc cover

The open button (3) is used to open the cover so that UMD™ can be inserted. When closing, press the middle of the upper edge of the disc cover.

3 Open button

This button is used to open the disc cover (2).

4 Memory Stick Duo™ access indicator

Turns orange while the unit is accessing a Memory Stick Duo™ or Memory Stick PRO Duo™ that has been inserted into the unit.

5 Memory Stick Duo™ slot

This slot accepts Memory Stick Duo™ or Memory Stick PRO Duo™ media.

6 USB connector

For connecting USB connectors (mini-B type). When the included controller is connected to the USB connector, the controller's USB connector becomes functional.

7 Drive select button

Switches between the UMD™ drive and the DVD-ROM drive. The selected drive is identified by the UMD™/DVD-ROM drive indicators (8). The drive select button (7) can be used only when the power indicator of the controller is not lit.

8 UMD™/DVD-ROM drive indicator

The indicator for the drive, UMD™ or DVD-ROM, turns orange to indicate which drive is selected.

9 Open/close button

This button is used to open/close the DVD-ROM drive.

10 F1 button

This button will be used for future function upgrades. For use by service personnel only.

11 F2 button

This button will be used for future function upgrades. For use by service personnel only.

12 DVD-ROM drive

This drive accepts DVD-ROM discs. Use the open/close button (9) to insert and remove discs.

Part names and usage

13 Controller port

Connects with the commander interface connector of the attached controller.

14 GPO indicator

These are eight indicators that are user-definable by PSP™ software developers.

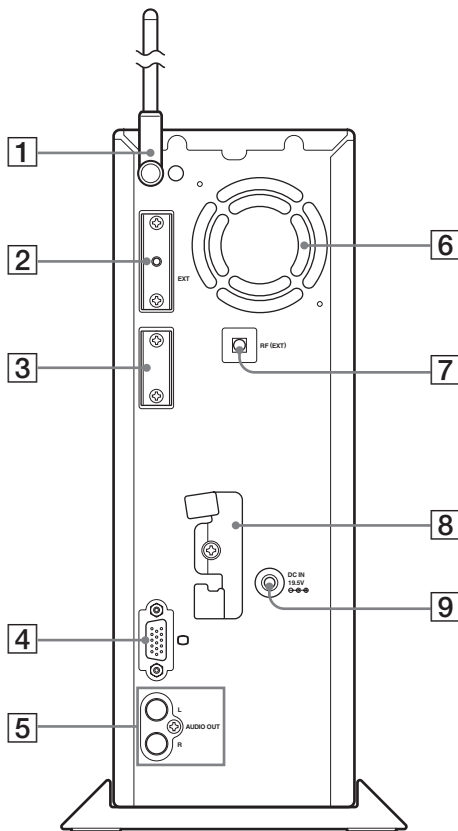
15 Headset connector

A dedicated PSP™ headset remote controller or a commercially sold headset (with a stereo mini-plug) can be connected here.

16 GPI switch

These are eight dip switches that are user-definable by PSP™ software developers.

Unit rear



1 Aerial

For wireless LAN use.

2 Extension connector

For use by service personnel only.

3 Dedicated connector for servicing

For use by service personnel only.

Caution

Usage of this port may cause irreparable damage to the system.

4 VGA connector

Connects to a device with a VGA IN connector.

5 AUDIO OUT connector

Connects to a device with an AUDIO IN connector.

6 Vent fan

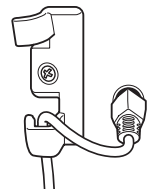
Vent for internal fan used to cool unit. Be sure not to obstruct this vent, as doing so may cause a fire. Also, to prevent any hindrance to air flow, position the unit an adequate distance from walls.

7 RF (extension) connector

Connects to an access point using a coaxial cable.

8 Clamp

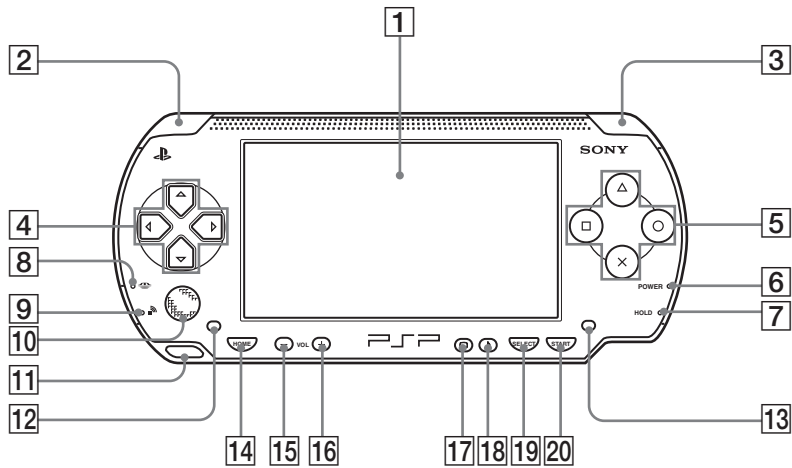
For securing the aerial and AC adaptor to the unit.



9 DC IN 19.5V connector

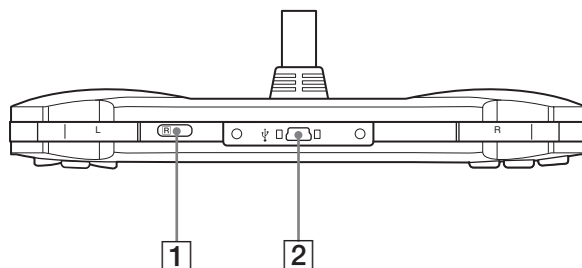
For attaching the included AC adaptor.

Controller front



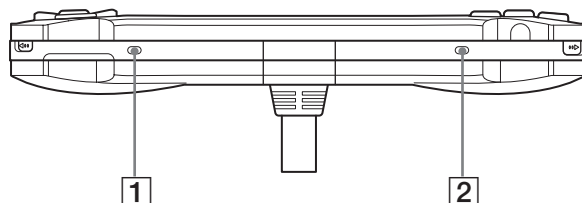
- | | |
|---|---------------------------|
| 1 LCD screen | 11 Strap holder |
| 2 L button | 12 Left speaker |
| 3 R button | 13 Right speaker |
| 4 Up, down, left, right buttons | 14 Home button |
| 5 △, ○, ×, □ buttons | 15 Volume - button |
| 6 Power indicator | 16 Volume + button |
| 7 Hold indicator | 17 Display button |
| 8 Memory Stick Duo™ access indicator | 18 Sound button |
| 9 WLAN access indicator | 19 Select button |
| 10 Analog stick | 20 Start button |

Controller front



- 1 IR port
- 2 USB connector

Controller bottom

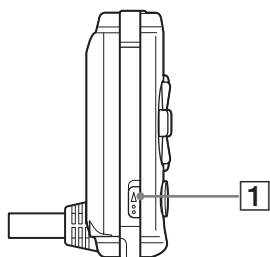


- 1 Left speaker
- 2 Right speaker

Caution

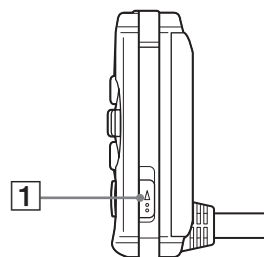
Do not cover or insert foreign objects into the speakers as doing so may result in damage to the controller.

Controller left



- 1 WLAN switch

Controller right

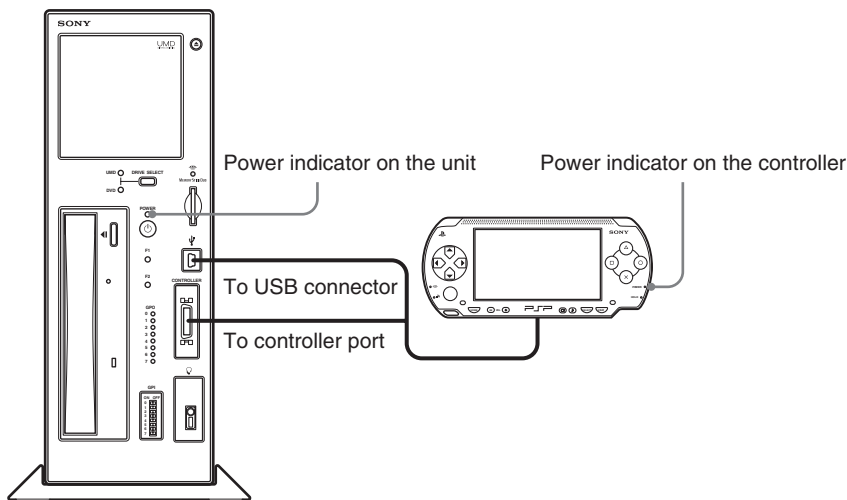


- 1 Power/hold switch

How to use

How to connect

Connect the unit and controller as shown in the illustration below.



Caution

- When you connect or disconnect the controller, turn off power to the unit (keep it in standby mode). If the power is left on, it may result in damage to the unit or the controller.
- When turning on the unit, be sure to use the supplied AC adaptor.

Turning on the unit

- 1 Connect the AC power cord to the AC adaptor, and connect the AC adaptor to the rear of the unit.**
- 2 Insert the power plug into an electrical outlet.**
The power indicator on the unit turns orange, and the unit enters standby mode.
- 3 Press the on/standby button on the unit.**
The power indicator on the unit turns green.
- 4 Press the drive select button on the unit, and select which drive to use.**
The selected drive's indicator turns orange.
- 5 Slide the power/hold switch on the controller to the up position.**
The power indicator on the controller turns green, and the menu screen is displayed within seconds.

Turning off the unit

- 1 Press the on/standby button on the unit and hold it down for longer than three seconds.**

The power indicator on the unit will flash and then turn orange (and the system will enter standby mode).

- 2 Remove the power plug from the electrical outlet.**

Switch between the UMD™ drive and the DVD-ROM drive

- 1 Confirm that the power indicator on the controller is off.**

If the power indicator turns on, slide the power/hold switch to the up position for longer than five seconds to turn the controller off.

- 2 Press the drive select button on the unit, and select which drive to use.**

The selected drive's indicator turns orange.

- 3 Slide the power/hold switch on the controller to the up position.**

The power indicator on the controller turns green, and the menu screen is displayed within seconds.

Specifications

Main unit (DTP-H1500 A / DTP-L1500 A)

Compatible discs

CD-ROM / CD-R / DVD-ROM / DVD-R / UMD™

Power

Input voltage DC IN 19.5V
Power consumption 5A

Operating environment

Operating temperature 10°C - 35°C
Operating humidity 30% - 70%
(not condensed)

Dimensions (excluding protrusions)

Testing tool 100 x 280 x 298 mm
Controller 170 x 74 x 23 mm
(w/h/d)

Weight

Testing tool 5.0 kg or less
Controller Approx. 470 g
(including cables)

Processor

Dedicated processor (max 333 MHz)

External interfaces

USB connector x 1
Memory Stick Duo™ slot x 1
Controller connector x 1
Headset connector x 1
RF (extension) connector x 1
Aerial x 1
(For wireless LAN IEEE 802.11b)
VGA connector x 1
(Analog RGB, D-SUB, 15-pin)
AUDIO OUT (audio output) connector x 1
(RCA pin)
Dedicated connector for servicing x 1
(For use by service personnel only.)
Extension connector x 1
(Devices other than those designated cannot be used.)

Wireless LAN channels

USA and Canada 1-11 ch.
Europe 1-13 ch.

AC adaptor (DTP-H100)

Power

Input voltage AC 100 - 240V (±10%)
Output voltage DC 19.5 V
Rated frequency 50/60Hz (±2%)
Power consumption 1.6A (100V), 0.7A
(240V)

External dimensions

160 x 38 x 80 mm
(w/h/d)

Weight

Approx. 570 g

Supplied accessories

Instruction manual x 1
AC power cord for use in Oceania x 1
AC power cord for use in Europe x 1
AC power cord for use in Korea x 1
AC power cord for use in the UK x 1
AC power cord for use in the USA and
Canada x 1
AC adaptor x 1
Controller x 1
(With controller-interface cable [1.5 m])

Design and specifications are subject to change without notice.

Limitations of liability



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Contact information:

 <small>COMPUTER ENTERTAINMENT</small>	<p>Japan 3rd Party Relations Division Sony Computer Entertainment Inc. 7-1-1 Akasaka, Minato-ku, Tokyo 107-0052 Japan TEL: +81-3-6438-8635 (direct)</p> <p>Korea Technology Group Sony Computer Entertainment Korea Inc. 14Fl. Koosan Tower, 3250, Bangbae2-Dong Seocho-Gu, Seoul, #137-853 Korea E-mail: psp_support@scek.co.kr TEL: +82-2-6230-3596 (direct)</p> <p>United Kingdom (Europe) Technology Group Sony Computer Entertainment Europe 25 Golden Square London W1F 9LD UK TEL: +44-207859-5777 (direct) http://www.scee.sony.co.uk/</p> <p>USA Developer Support Sony Computer Entertainment America 919 East Hillsdale Boulevard, 2nd Floor Foster City, CA 94404-2175 USA TEL: +1-650-655-5566 (direct) FAX: +1-650-655-5511 (direct)</p>
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