

注意の表示箇所

品物ひよは書門頭ほほのうす。注意は日本語で大人ふるすままで對する。表示モードは表示する元号はどのくじ。もとより、日本内のみ走る。走り。表示する文本を以下に掲載本機の表示する日本語の表示の表示。

Development Tool

取扱説明書

JP

Operating Instructions

GB

重要を記す箇所**⚠ 警告**

電気製品は、安全のための注意事項を守らないと、火災や人身事故になることがあります。

この取扱説明書には、事故を防ぐための重要な注意事項と製品の取り扱い方を示しています。この取扱説明書をよくお読みのうえ、製品を安全にお使いください。お読みになったあとは、いつでも見られるところに必ず保管してください。

DTL-T10000

レーザー安全基準について

この装置は、レーザーに関する安全基準（IEC 60825）クラス1適合のDVD-ROMタイプです。

WARNING

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

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 beam used in this CD/DVD ROM Drive is harmful to eyes, do not attempt to disassemble the cabinet.

Refer servicing to qualified personnel only.

CAUTION-
Laser radiation when open.
DO NOT STARE INTO BEAM.

This label are located on the Laser protective housing inside the enclosure.

For customers in the U.S.A.

CAUTION

Use of controls or 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.

Owner's Record

The model and serial numbers are located at the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call for technical assistance on the back cover of this manual.

Model No. DTL-T10000

Serial No. _____

USB端子 USBビン (2)
HLINK (IEEE1394) 端子
S400, 4ビン (S400 = 400Mbps) (1)
光デジタルオーディオ出力端子 (SPDIF)
角形光端子 (EIA) CP1201/
IEC958準拠 (1)
SVIDEO入力端子
ミニDIN4ビン (1)
ネットワーク端子
100BASE-TX/10BASE-T (1)
VGA出力端子
アナログRGB, D-SUB15ピン (1)
PCカードスロット
Type I, Type IIまたはType IIIの
いずれか一枚 (1)
ただし、指定されたPCカード以外は使用
できません。
接続スリーブ (3)
指定された機器以外は使用できません。

付属品

取扱説明書 (1)
電源コード日本用 (1)
電源コードアメリカおよびカナダ用 (1)
電源コードイギリス用 (1)
フェライトコア (フロント用, 8)
結束バンド (ヨーコット用, 6)

別売品

AVケーブル (映像/音声一体型)
SCARTケーブル

本機の仕様および外観は、改良のため予告なく変更
することがあります。ご了承ください。

For customers in Canada

This Class A digital apparatus complies Canadian ICES-003.

Pour les utilisateurs au Canada

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

For customers in Europe

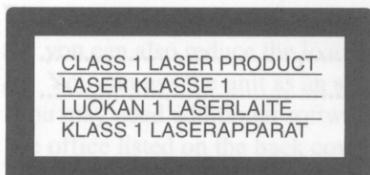
CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD ROM Drive is harmful to eyes, do not attempt to disassemble the cabinet.

Refer servicing to qualified personnel only.



This label are located on the 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 rear exterior.

This equipment complies with EN55022 CLASS B and EN50082-1 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 EMC 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. If you want to use this unit in another mode without the software for the WS mode, the unit will start up in the TOOL mode.

This "i.LINK" mark is a trademark and indicates that this product is in agreement with IEEE1394-1395 specifications and their revisions.

All other trademarks are trademarks of their respective owners.

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To avoid damage to the unit, always open the cabinet door when connecting or disconnecting the power cord or peripheral units.

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Chapter 2

Preparation to use the unit

The use of optical accessories such as the projector lens can increase eye hazard. As the DVD ROM Drive is housed inside the unit, do not disassemble the cabinet.

Refer servicing to qualified personnel only.

CAUTION-
Laser radiation when open,
DO NOT STARE INTO BEAM.

This label are located on the Laser protective plate inside the enclosure.

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Chapter 3

Appendix

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

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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.

Overview

Features of the unit

The unit is for the development of software for "PlayStation2".

You can debug, check, and try programs efficiently by downloading software or data come via local area networks.

- You can develop software efficiently because the unit has the features of "PlayStation2".
- You can send or receive software or data from development PCs using the network because the unit has a communication processor.
- You can easily install and add software to the unit because it can connect the network directly. And you can also reduce the load on development PCs.
- You can use the unit as an stand-alone computer because it has various interfaces.

You may need additional software and computers when using the unit. For more information, inquire at the office listed on the back cover of this manual.

About modes of the unit

The unit has two modes as shown below. You can select modes using the TOOL/WS selector on the front of the unit.

TOOL mode

This mode is used for development of software for "PlayStation2".

The unit can be connected to development PCs over the network. You can develop software under the same conditions as you will find in "PlayStation2".

WS (Work Station) mode

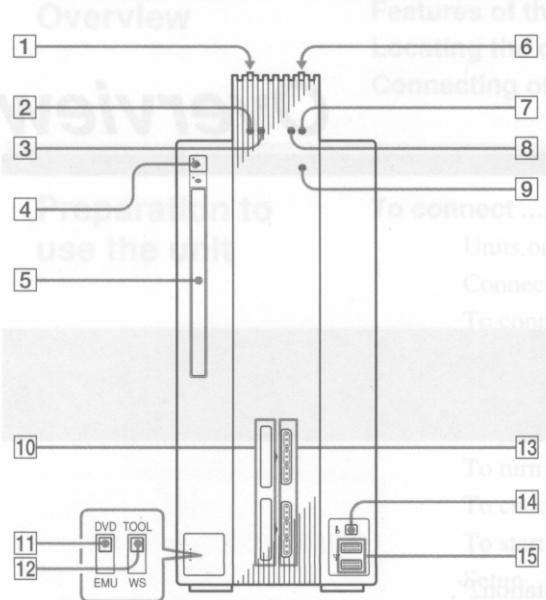
This mode is for using the unit as a stand-alone computer.

The software for the WS mode is not installed in the unit as the default setting. You have to install the software for the WS mode when you want to use the unit in the WS mode. For more information, inquire at the office listed on the back cover of this manual.

If you set the unit to the WS mode without the software for the WS mode, the unit will start up in the TOOL mode.

Locating the controls and connectors

Front



1 (On/Standby) button / indicator

To turn on the unit

Press this button and the indicator will turn green.

It takes few minutes to start the unit.

To turn off the unit / Standby mode

When you turn the unit to the standby mode, the indicator turns off. Do not switch off the main power switch or unplug it until the indicator goes out.

2 CD/DVD DRIVE indicator

The indicator turns yellow-green when the CD/DVD drive of the unit is in use.

3 CD/DVD EMULATOR indicator

The indicator turns green when it is in the Emulator mode. You cannot use the CD/DVD drive when this indicator is on.

4 (eject) button

To insert or remove the discs in the DVD-ROM drive, press this button.

5 DVD-ROM drive

To insert or remove discs, press the eject button (4).

6 RESET button / indicator

To reset the game processor (Emotion Engine), press this button. During the resetting, the indicator turns blue.

7 WS (Work Station) indicator

The indicator turns green in the WS (work station) mode.

8 TOOL indicator

The indicator turns yellow-green in the TOOL mode.

The indicator turns and stays orange until you can use the unit after you have pressed the button.

The indicator flashes orange in the self-recovery mode.

9 HDD indicator

The indicator turns orange when there's an access to the hard disk drive in the unit.

10 MEMORY CARD slots

These slots are only for MEMORY CARDS.

11 DVD / EMU (Emulator) selector

Set to DVD mode. EMU mode is for extended use.

12 TOOL / WS (Work Station) selector

To change over between modes, TOOL or WS , use this selector. Normally, set it to TOOL mode.

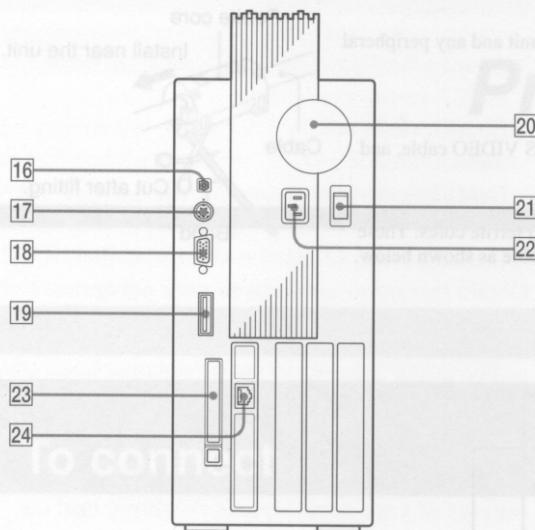
13 Controller ports

These ports are only for ANALOG Controllers.

14 (i.LINK) connector

15 (USB) connectors

Back

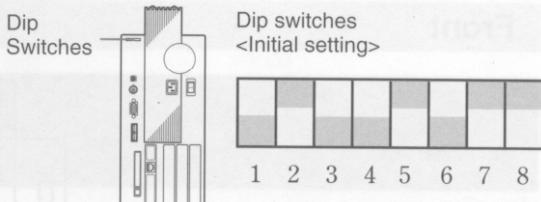


Caution

TV OUT setting when connecting the AV MULTI OUT connector

When you set the initial TV system setting to NTSC or PAL, set the No. 5 dip switch on the rear panel of the unit as shown below.

- To set into the NTSC system: set the No. 5 switch to ON (upward). The initial setting is ON (upward).
- To set into the PAL system: set the No. 5 switch to OFF (downward)



20 Air Vent

This is for cooling down the unit. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the air vent and prevent from the fire from the unit.

21 Main power switch

If you do not intend to use the unit for a long time, switch off the main power and unplug the AC power (mains) cord.

22 AC IN connector

This connector is for connecting the AC power (mains) cord supplied with the unit.

Caution

There are three AC power (mains) cords supplied. One is for Japan, another is for the USA and Canada, and the last one is for Europe. Use the appropriate one. If not, it may cause fire or electrical shock. On the package of each cord, a seal indicates where you can use the cord.

23 PC card slot

You can use the specified TYPE I, TYPE II or TYPE III PC card.

24 NETWORK connector

This connector is for connecting 100 BASE-TX network cable.

16 DIGITAL OUT connector

This connector is for connecting an MD deck using an optical digital cable.

17 S VIDEO IN connector

This connector is for connecting a video player with S VIDEO OUT connector.

18 VGA OUT connector

This connector is for extended use.

Caution

You cannot use the VGA OUT connector and the AV MULTI OUT connector simultaneously to connect displays. Be sure to disconnect the unused cable from the connector. If you use both connectors, it may cause distortion of image on the pictures or malfunction of the unit.

19 AV MULTI OUT connector

This connector is for connecting a TV set using the optional SCPH-1140 AV cable (integrated audio/video).

software menu 100BASE-TX network connection. Connect the TV to the AV MULTI OUT connector on the rear panel of the unit using an optional AV cable (integrated audio/video). When the unit is turned on, the IP address, subnet mask, the IP address and the gateway are assigned automatically. Depending on the settings of the DHCP server, the DNS server, default gateway, and others are also assigned. You can change the network settings with the network administrator. The network looks like [A].

Connecting other units

You can use the unit with peripheral units as shown below. For more information about how to connect and use them, refer to the manual for "PlayStation2".

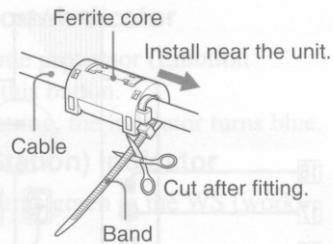
When you use the unit in Europe

Please install the ferrite cores supplied on the cables connecting the unit and any peripheral unit. Install the ferrite cores near the main unit.

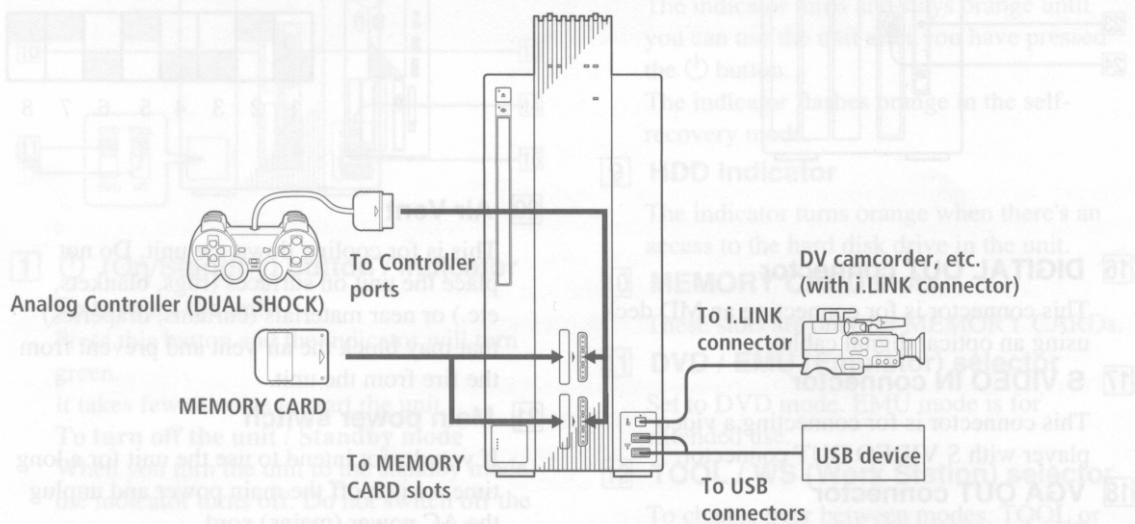
There are eight ferrite cores supplied as shown below.

- One large one for the VGA cable
- Five medium-sized ones for the i.LINK cable, the USB cables, the S VIDEO cable, and the NETWORK cable
- Two small ones for the ANALOG Controllers

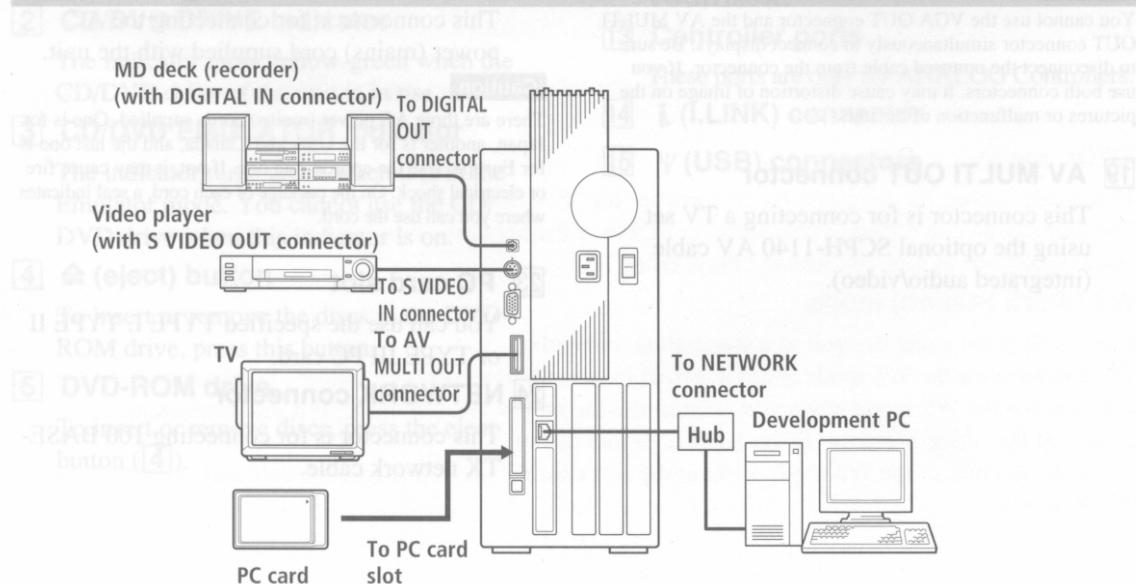
There are six bands supplied for use with the large and medium-sized ferrite cores. These bands are for fixing the ferrite core to the cable. Fit the band to the cable as shown below.



Front



Back



Preparation to use the unit

To turn on the unit, switch on the Main power switch and then turn on \odot (On/Standy button). After this, the initialization starts automatically.

TOOL indicator turns orange. Development mode of the unit during the startup is initialized. After forced termination of the unit, the unit turns on again.

To connect

Units or accessories necessary for connecting

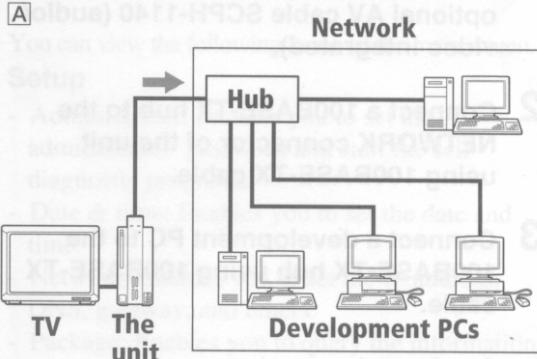
You need these units and accessories to use this unit in TOOL mode.

- The unit
- 100BASE-TX cable
- 100BASE-TX hub
- Development PC
- Television
- AV cable SCPH-1140
(integrated audio/video, optional)

Connecting diagram

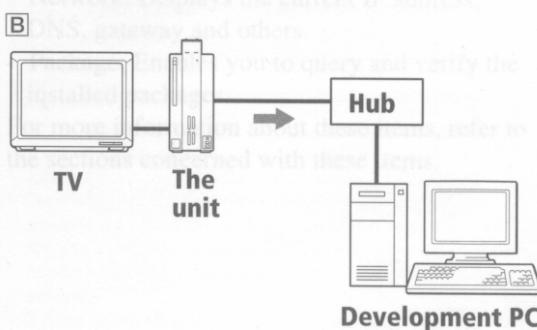
When you connect the network with a DHCP server

Connect the hub of the network with the unit and the development PC with active DHCP client software using 100BASE-TX cable. Next, connect the TV to the AV MULTI OUT connector of the unit using an optional AV cable (integrated audio/video). When the unit is turned on, the settings of the IP address and the subnet mask are done automatically. Depending on the settings of the DHCP server, the DNS server, default gateway, and others are also automatically set. Confirm the settings with the network administrator. The network looks like **A**.



When you connect the network without a DHCP server

Connect the hub with the unit and the development PC. After this, connect the TV to the AV MULTI OUT connector of the unit using an optional AV cable (integrated audio/video). The network looks like **B**.



(Continued)

To connect

To set up

This unit automatically sets an IP address (192.168.0.10) and a subnet mask (255.255.255.0).

Caution

The IP address and subnet mask as shown above are set as the default setting. But it is possible to change these by changing the network settings. If someone changed, you can check these on the TV screen after initializing.

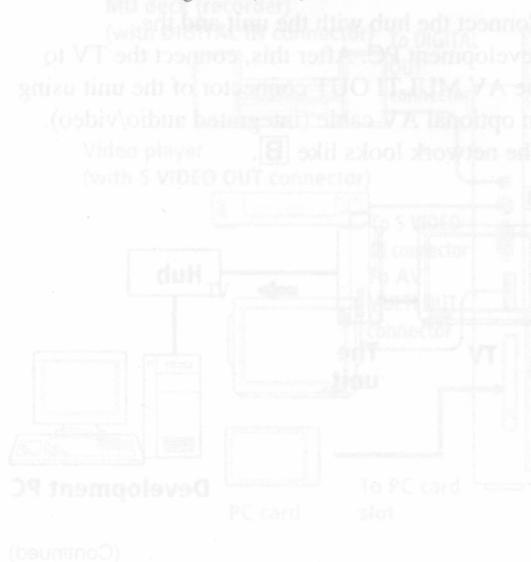
Turn on both the unit and your development PC and set them to be able to connect to the network. Then, connect the hub of the network with the unit and your development PC using a 100BASE-TX cable. The network looks like [A]. For more information about the settings of the unit, see "Setup".

To connect peripheral units

- 1 Connect a TV to the AV MULTI OUT connector of the unit using an optional AV cable SCPH-1140 (audio/video integrated).
- 2 Connect a 100BASE-TX hub to the NETWORK connector of the unit using 100BASE-TX cable.
- 3 Connect a development PC to the 100BASE-TX hub using 100BASE-TX cable.

Note for safety earth

Connect the supplied AC power (mains) cord with a 3-pin grounding (earth)-type plug to the same type outlets. For preventing electrical shock, each units in the network should be connected to the ground (earth).



Information necessary for setup

You need the following information for setup.

- DHCP server availability
- IP address
- Subnet mask
- Default gateway
- DNS server
- Domain name

Obtain this information from your network administrator.

Preparation for setup

Before setting up of the unit, you need the settings of your development PC. First, turn on the development PC.

When you use the network with a DHCP server

Settings of your development PC

Activate the DHCP client software and set it to get the IP address and other information from the DHCP server of your network.

For more information about activation of the software and settings to get the IP address from the server, see the manuals of your development PC. After this, activate the WWW browser in your development PC.

Settings of the DHCP server

Normally the IP addresses leased from the DHCP server vary. However, you can easily set the unit by keeping the same IP address from DHCP server.

For information about keeping the same IP address, call the administrator of your network.

When you use a network without a DHCP server

The settings of your development PC

Set TCP/IP as follows.

- IP address of your development PC
192.168.0.2
- Subnet mask of your development PC
255.255.255.0

For more information about TCP/IP settings for your development PC, refer to the manual of the development PC.

Next, activate the WWW browser in your development PC and set it not to use a proxy.

To turn on the unit

To turn on the unit, switch on the Main power switch and then turn on  (On/Standby) button. After this, the initialization starts. During the initialization, the  indicator turns green and the TOOL indicator turns orange. Do not operate the unit during the initialization.

Note

After forced termination of the unit, the units turns on with the TOOL indicator flashing orange. The unit is in the Self-recovery mode. After a few minutes, this mode ends and the TOOL indicator turn yellow-green. You can use the unit. Even after normal termination, the Self-recovery mode sometimes starts during strating up the unit.

To check the setting information

After initializing, the  indicator turns green and the TOOL indicator turns yellow-green. You can check the setting information on the display of your TV connected to the unit.

About the setting information

Check the following information as below on the display of your TV.

- IP address
- Subnet mask
- MAC address

This manual explains the case an IP address is displayed "192.168.0.10" as an example.

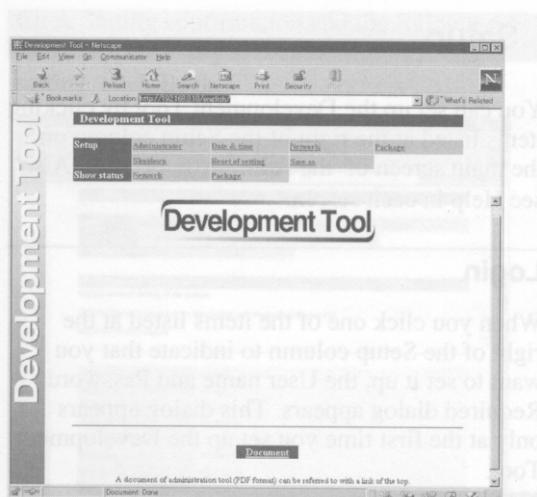
To start up Administration Tool

After checking the setting information on your TV, start up the Administration Tool.

1 Start up the WWW browser of your development PC.

2 Open <http://192.168.0.10/english/>

The main screen of the Administration Tool appears.



Caution

Refer to "Troubleshooting" if the main screen of the Administration Tool does not open.

You can view the following items on the main screen.

Setup

- Administrator: Enables you to set the administrator password and start the self-diagnostic programs.
- Date & time: Enables you to set the date and time.
- Network: Enables you to set the IP address, DNS, gateway, and others.
- Package: Enables you to query the information of a package or install a package.
- Shutdown: Enables you to shut down or reboot the unit.
- Reset of setting: Enables you to initialize the administrator password and a network.
- Save as: Enables you to make a setting and save it.

Show status

- Network: Displays the current IP address, DNS, gateway and others.
- Package: Enables you to query and verify the installed packages.

For more information about these items, refer to the sections concerned with these items.

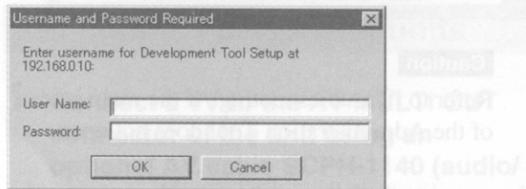
To set up

Setup

You can set up the Development Tool by clicking items listed at the right of the Setup column on the main screen of the Administrator Tool. Also see Help in each screen.

Login

When you click one of the items listed at the right of the Setup column to indicate that you want to set it up, the User name and Password Required dialog appears. This dialog appears only at the first time you set up the Development Tool.



1 Enter the user name and password as follows.

- user name: Administrator
- password: Administrator (default setting)

2 Click [OK].

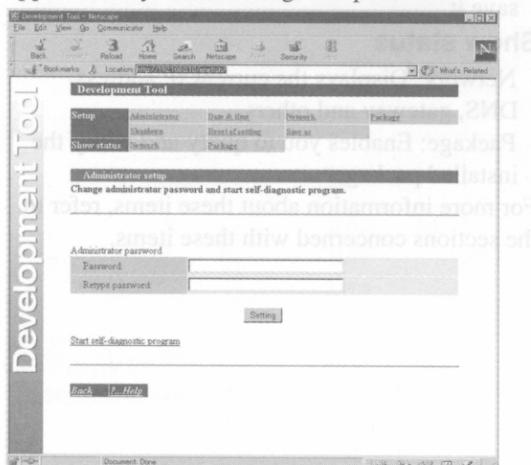
A screen of setup items appears.

Change the password

For security, change the password. For more information, see "Administrator".

Administrator (Administrator setup)

If you click Administrator, the following screen appears and you can change the password.



To set up

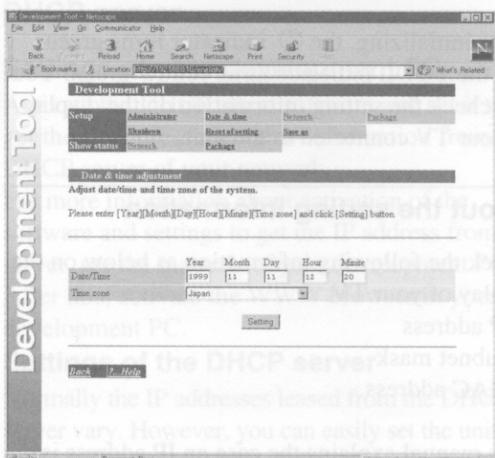
To change the password required for user authentication, type the same password in the Password and Retype password text boxes, and then click the Setting button.

Cautions

- Do not use the following as your password.
 - Character string consists of six or fewer characters.
 - Character string consists of numerical characters only, lower case alphabetical characters only, or uppercase alphabetical characters only.
- If you enter nine or more characters as your password, only the first eight characters are recognized as your password. Note that the ninth character and thereafter are ignored even if you enter them.
- If you enter an invalid password or type a different password in the Password and Retype password text boxes with an error message appears. Retype correct password.

Date & time (Date & time adjustment)

If you click Date & time, the following screen appears and you can set the date, time, and time zone.



Enter [Year], [Month], [Day], [Hour], and [Minute] and select [Time zone]. Then click Setting.

The settings of your development PC

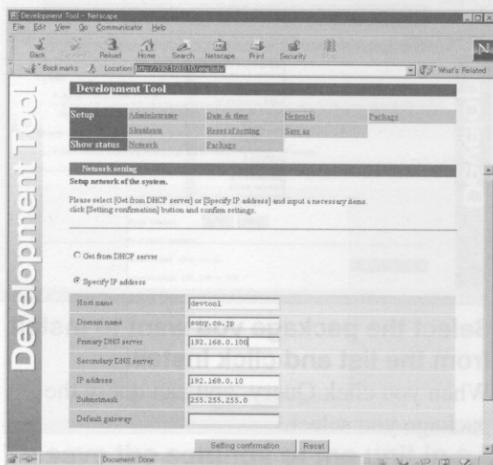
Set TCP/IP as follows.

- IP address of your development PC: 192.168.0.2

For more information about TCP/IP settings for your development PC, refer to the manual of the development PC.

Network (Network settings)

If you click Network, the following screen appears and you can set the details of the network.



When you use the network with a DHCP server

Select [Get from DHCP server] and enter each item necessary for the network settings.

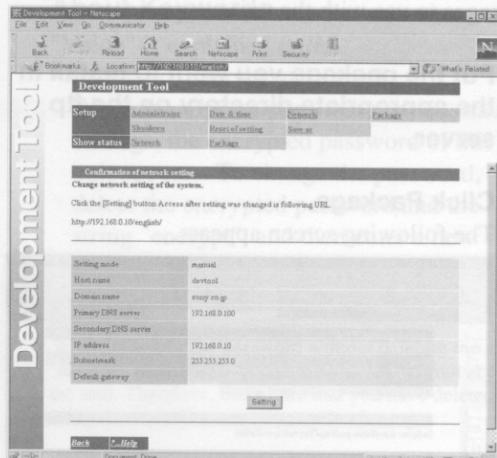
You do not need to enter an IP address and subnet mask. If entered, they will be treated as invalid.

Depending on the DHCP server of your network, You also do not need other items because they are automatically set from the DHCP server. Check what is automatically set with the network administrator. In this case, the data if entered, may be invalid, too.

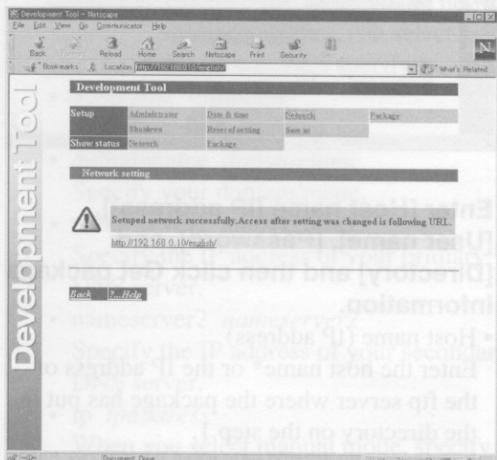
When you use the network without a DHCP server

Select [Specify IP address] and configure the network manually. You do not need to enter Secondary DNS server if there is no secondary DNS server in your network.

Click Setting confirmation and the following screen appears. If you want to initialize the setting, click Back.



Check the setting and click Setting. Setting starts. After the setting the following screen appears.



Once you configure a network, you may have to change the connections depending on the settings. If you change the IP address of the unit, you also have to change the URL specification of your browser to reflect the change.

Cautions

- If you enter an invalid IP address or subnetmask with an error messages appears. Enter the information correctly again.
- Depending on the network settings you select, there are some cases where the network connection must be changed for you to be able to access the network after you make the network settings. Check the setting carefully to prevent mistakes.
- It takes about 40 seconds to change setting [Get from DHCP server] from [Specify IP address].
- It takes about 15 seconds to change setting [Specify IP address] from [Get from DHCP server].

To set up

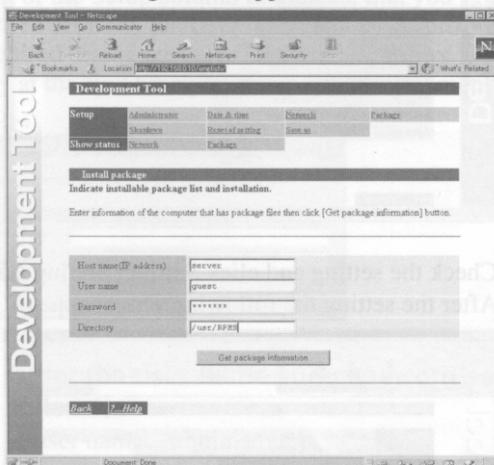
Package (Install package)

If you click Package, you can select and install packages to use with the unit.

- Put the package you want to install in the appropriate directory on the ftp server.**

- Click Package.**

The following screen appears.



- Enter [Host name (IP address)], [User name], [Password], and [Directory] and then click Get package information.**

- Host name (IP address)

Enter the host name* or the IP address of the ftp server where the package has put in the directory on the step 1.

* The host name is valid only when the network has a DNS server and this DNS server is selected in the "Network Settings" menu in the Administrator Tool.

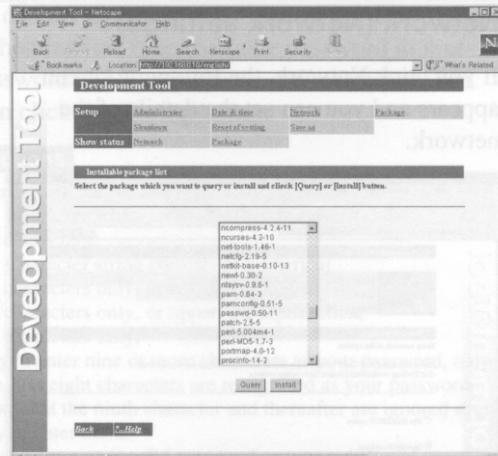
- User name, Password

Enter the user name and password that can be used to log in by ftp.

- Directory

Specify the directory pathname where an installable package is stored.

The following screen (Installable package list) appears.



- Select the package you want to install from the list and click Install.**

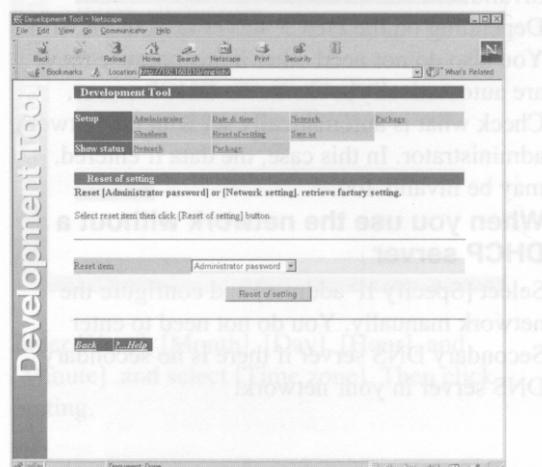
When you click Query, you can query the package you select.

Caution

Software is updated frequently. Install the newest version. For more information about updates, inquire at the office listed on the back cover of this manual.

Reset of setting

If you click Reset of setting, the following screen appears and you can reset and initialize settings.



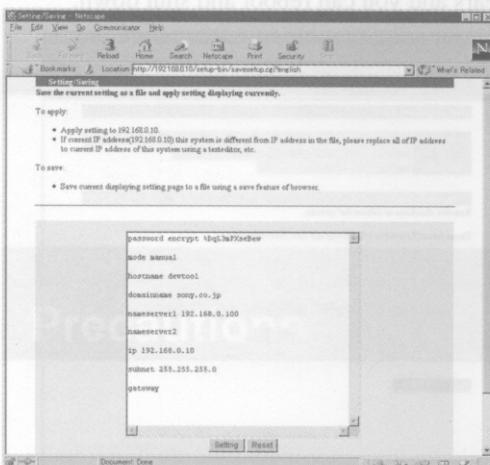
To reset the settings, select the item you want to reset from the list box at the right of Reset item, and then click Reset of setting.

You can reset the settings as shown below.

- Administrator password
- Settings of the network

Save as (Setting/Saving)

If you click Save as, the following screen appears and you can make a setting and save it.



To save the settings of the unit in a file on your development PC

By using the save as function of your browser you can save the currently displayed page in a file.

To load the setting file of the unit stored in your development PC and apply them to the unit

1 Set up an IP address.

If the IP address of the setting file is different from the address of the unit, change the IP address in the file to the current IP address of the unit using a text editor.

2 Open the setting information to apply it to this system.

To open the setting information file to apply it to the unit, select the opening a file function of your browser.

Caution

For more information about how to use your browser, see the manual of the browser or Help in the browser.

3 Change settings in the text area.

You can modify the setting information in the text area on the screen before applying it to the unit.

Each line of the text area appears;

"Keyword" "Value" (change this part)

If you enter the string other than the

* Do not place heavy objects on the unit.

keywords, that is regarded as an error and the setting is not made. You can delete a line that contains an item which is not changed.

About Keywords

"Value" is explained *italic*.

- password encrypt *password*

When you open a page that contains saved settings, the encrypted password of this unit appears. To change the password, delete the encrypted password and the string "encrypt", and then enter a new password.

Caution

If you change your password without deleting the string "encrypt" and enter a new password, you cannot access the unit. Therefore, make sure that you have deleted the string "encrypt" before clicking the Setting.

- mode [dhcp | manual]

dhcp: Sets up the IP address automatically from the DHCP server

manual: Enables you to set up the network manually. When you select manual mode, you must specify ip.

- hostname *hostname*

Specify your host name.

- domainname *domainname*

Specify your domain name.

- nameserver1 *nameserver1*

Specify the IP address of your primary DNS server.

- nameserver2 *nameserver2*

Specify the IP address of your secondary DNS server.

- ip *ipaddress*

When you select manual mode, specify the IP address.

- subnet *subnetmask*

When you select manual mode, specify the subnetmask.

- gateway *gateway*

Specify the IP address of the default gateway.

4 Apply the information to the unit.

Apply the setting information shown in the text area to the unit. Make sure that the settings are correct, and click the Setting. If you want to reset the setting, click Reset.

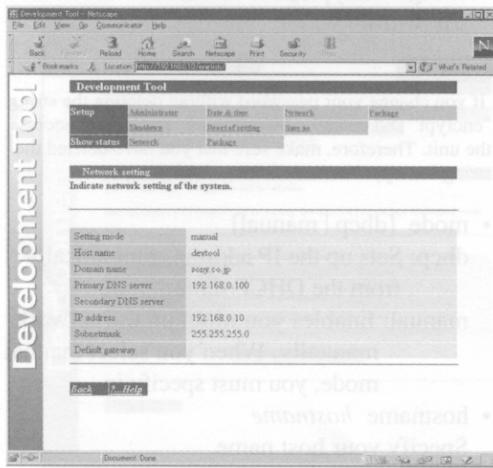
To set up

Show status

You can check clicking items listed at the right of the Show status column on the main screen of the Administration Tool.

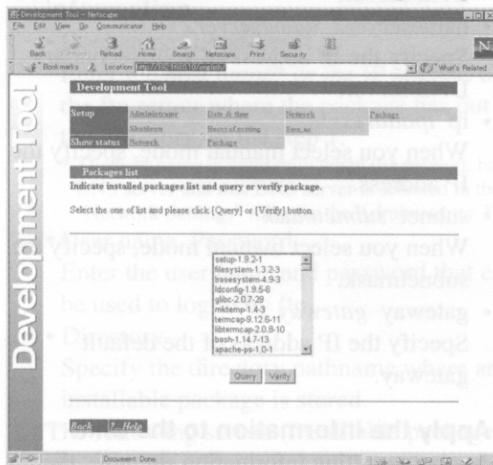
Network (Network settings)

If you click Network, the following screen appears and you can check the settings of the network of the unit.



Package (Package list)

If you click Package, the following screen appears and you can check installed packages.



To query the package

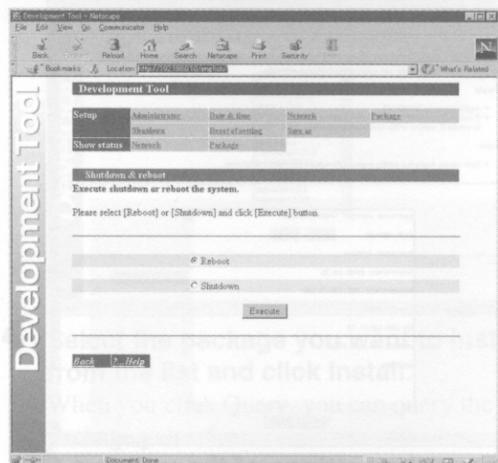
Select the package you want to query and click Query.

To verify the package

Select the package you want to verify and click Verify.

Shutdown (Shutdown & reboot)

If you click Shutdown, the following screen appears and you can reboot and shut down.



If you want to reboot the unit, select Reboot and click Execute.

If you want to shut down the unit, select Shutdown and click Execute. You can also shutdown the unit by pressing the button.

Caution

If the unit is not shut down within a few minutes because of some kind of trouble, the unit is forced into termination automatically with beeps. After this, you turn on the unit, it will be in the Self-recovery mode before turning on.

Appendix

Precautions

Safety

- If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if you do not intend to use it for an extended period of time. To disconnect the cord, pull it out by the plug, never by the cord.

Installing

- Do not place the unit on its side.
- Allow adequate air circulation to prevent internal heat buildup.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the air vent.
- Do not install the unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Do not install the unit in an inclined position. It is designed to be operated in a vertical position only.
- Keep the unit and discs away from equipment with strong magnets, such as microwave ovens or large loudspeakers.
- Do not place heavy objects on the unit.

- If the unit is brought directly from a cold to a warm location, moisture may condense inside the CD/DVD drive and cause damage to the lenses. When you first install the unit, or when you move it from a cold to a warm location, wait for about one hour before operating the unit.

Handling discs

- Do not leave the discs near heat sources or expose them to direct sunlight or excessive moisture.
- Do not touch the surface when handling the discs.
- Do not stick paper or tape on the discs.
- Do not write on the discs with a marker.
- Store the discs in their cases when not using them.

Using hard disk drive

- Do not place the unit in a location that is subject to vibration or shock.
- Do not move the unit during operation.
- Do not subject the unit to sudden changes in temperature.
- Do not turn off the power while the unit is accessing the hard disk drive.

Troubleshooting

The power is not turned on.

- Check that the AC power (mains) cord is connected securely.
- Check that the main power switch is on.

It is impossible to access the unit when using it.

- Is the unit turned on?
Check that the  indicator is turned on.
- Is the network cable disconnected?
Connect the cable securely.
- Have the settings of the unit been changed by other PCs?
If there is information concerning the settings on the TV screen, the settings of the unit may have been changed by someone. Contact the administrator of the network.

It is impossible to access the unit after the settings of the unit have been changed.

- Check the settings of the unit.
After the setting change, you can check the changes the settings of the unit on the TV screen.
- If there is no information on the TV screen, restart the unit and check it again.

<From the information>

- Is it possible for the current IP address and subnetmask to access the network currently connected?

① When it is possible,

Check if there is a response from the current IP address by using the ping command from the development PC. If not, inquire at the office on the back cover of the manual.

② When it is impossible,

Change the connection to an accessible network.

If you cannot, inquire at the office on the back cover of the manual.

For more information about ping command, see the last part of "Troubleshooting".

It takes over 5 minutes after turning on to access the unit.

- Has the TOOL indicator turned yellow-green?
If so, it may be a problem with the network cable or the connected hub. Change the cable or the hub, or contact the administrator of the network.
- Is there information concerning the settings of the unit on the TV connected to the unit?
If there is no information on the screen, the software may not be a current version. Install the updated version of the software. for more information about updates, inquire at the office on the back cover of the manual.

To enter the password for setting the unit is failed.

- Has the password been changed or initialized?
Enter a valid password again. If you do not know or have forgotten it, contact the administrator of the network or inquire at the office on the back cover of the manual.
- Did someone change the password?
Contact the administrator of the network.

I have forgotten the password.

- Inquire at the office on the back cover of the manual.

The DVD-ROM drive of the unit does not function.

- The battery for the timer function in the unit may be dead. Inquire at the office on the back cover of the manual.

About the "ping command"

If your development PC has a Linux operating system, enter the ping command as shown below.

```
# ping (the IP address of the unit)
```

When the communications are functioning, there will be answers like the following.

```
PING 192.168.0.10 (192.168.0.10): 56  
data bytes  
64 bytes from 192.168.0.10: icmp_seq=0  
ttl=64 time=0.1 ms
```

Specifications

64 bytes from 192.168.0.10: icmp_seq=1
ttl=64 time=0.1 ms
64 bytes from 192.168.0.10: icmp_seq=2
ttl=64 time=0.1 ms
(continued)

When the communications are not functioning, the answer will stop after the following.

PING 192.168.0.10 (192.168.0.10): 56
data bytes

In this case, check the followings items.

- Is the 100BASE-TX network cable connected to the NETWORK connector of the unit securely?
- Is the cable connected to the hub of the network securely?
- Is the cable connected to your development PC securely?
- Are the network settings of your development PC matched with those of the unit?

After checking the above items, start the ping command from your development PC. And then, check the indicator next to the NETWORK connector behind the unit.

- When the indicator flashes orange;
The communications are functioning properly.
- When the indicator is not turned on;
The communications are not functioning properly. It may be due to disconnected cables, damaged connections, or a malfunction of the unit.
If the problem persists after replacing the cables, inquire at the office on the back cover of the manual.

Compatible discs

CD-ROMs used for "PlayStation2"
DVD-ROMs used for "PlayStation2"

Power requirements

100 - 240 V AC, 50/60 Hz ($\pm 10\%$)

Power consumption

3.8 - 1.6 A ($\pm 10\%$)

Operating temperature

10° C to 35° C (18° F to 95° F)

Operating humidity

10% to 70% (not condensed)

Dimensions

Approx. 231 × 407 × 422 mm (w/h/d)
(Approx. 9 1/8 × 16 1/8 × 16 5/8 inches)

Weight Approx. 13.5 kg (29 lb. 12 oz.)

Processor EE (Emotion Engine), 294.912 MHz

Graphic Accelerator

GS (Graphic Synthesizer), 147.456 MHz

Memory 128 MB Rambus Memory

Peripherals

Communication processor,

MMX Pentium 233 MHz

Hard disk drive, 3.5 inches (2)

Inputs/outputs

- Controller ports (2)
- MEMORY CARD slots (2)
- AV MULTI OUT connector (1)
- USB connectors, USB 4 pin (2)
- i.LINK (IEEE1394) connector S400*, 4 pin (1) * S400=400Mbps
- DIGITAL OUT connector Square optical connector jack -18dBm, wave length 660nm (1)
- S VIDEO IN connector Mini DIN 4 pin (1)
- NETWORK connector 100BASE-TX/10BASE-T (1)
- VGA OUT connector, Analog RGB Mini D-SUB 15 pin (1)
- PC card slot, Type III×1, Type II×1 or Type I×1, only for specified cards
- Extended slots (3), for use only specified equipments

Supplied accessories

Power cord for use in Japan (1)

Power cord for use in the USA and Canada (1)

Power cord for use in Europe (1)

Operating instructions (1)

Ferrite cores (for use in Europe, 8)

Fitting bands (for use in Europe, 6)

Optional accessory

AV Cable (integrated audio/video)

SCPH-1140

Design and specifications are subject to change without notice.

お問い合わせ先

SONY 株式会社ソニー・コンピュータエンタテインメント 業務部
〒107-0052 東京都港区赤坂8-1-22 赤坂王子ビル
(03) 5413-8635 (直通)

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この取扱説明書は再生紙を使用しています。

For more information about this unit, inquire at the following location:

<Japan>

3rd Party Relations Div.
Sony Computer Entertainment Inc.
Akasaka Oji Building 8-1-22 Akasaka Minato-ku
Tokyo 107-0052 Japan
TEL: +81-3-5413-8635 (direct)

<USA>
3rd Party Relations Div.
Sony Computer Entertainment America
919 E. Hillsdale Blvd., 2nd Floor
Foster City, 94404-2175 U.S.A.
TEL: +1-650-655-8000 (direct)

<United Kingdom (Europe)>
Technology Group
Sony Computer Entertainment Europe
Waverley House 7-12 Noel Street
London W1V4HH UK
TEL: +44-20-7447-1680 (direct)
<http://www.scee.sony.co.uk/>

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