SONY®

PSX®

"PSX" Update Manual Ver.1.31

RW
DVD+ReWritable

table of contents

Operating instructions for functions added in Ver.1.20

Operating instructions for functions added in Ver.1.10

table of contents

others

Please be sure to read it

Thank you for purchasing the DESR-5000/7000/5100/7100. This instruction manual
is for software update only for DESR-5000/7000/5100/7100. Please be sure to read the following notes
before updating.

Precautions when updating

• When updating, refer to "Updating" (page 12).
   page).

• If there is a scheduled recording within 1-2 hours of the update starting ,
   Please make sure it is not

• If recording reservation starts during update, recording will stop.

• Do not update while the unit is recording as the software will
   not be updated properly.

About "PSX" certification

"PSX" stands for "DNAS" (Dynamic Network Authentication
System), Sony Computer Entertainment Inc.'s proprietary
software that enables copyright and security protection
I am using an authentication system. Deactivator for this system
or transfer, hand over, exhibit, export the program,
Importing or transmitting is prohibited by law.

vinegar. In addition, content compatible with "DNAS" can be used on other "PSX" or

It cannot be used on "PlayStation 2".

Precautions when handling CD-ROMs

• Hold the CD-ROM without touching the playing surface.

Do not place in direct sunlight, high temperature, or high humidity.
   Please do not place.

• Store in a case.

• Fingerprints and dirt on the CD-ROM can cause read errors.
   Please keep it clean at all times.

• Wipe gently with a soft cloth from the center of the CD-ROM to
   the outside. If it is very dirty, wipe it with a soft cloth slightly
   moistened with water, and then wipe off the moisture with a dry cloth.

Do not use benzene, record cleaners, anti-static agents, etc.
   Do not use this as it may damage the CD-ROM.

   stomach.

About the time it takes to display thumbnails of photos

When there are many photos (files) in GIF format, thumbnails

It may take a very long time to appear, but this

This is not a machine malfunction. Thumbnails are displayed with reference to the following guidelines.

Please wait for a while. show thumbnails

Turning off the power while

So please be careful.

thumbnail

Estimated time until GIF format photos are displayed

(Reference for displaying thumbnails of 200 photos on the screen

is)

("Memory Stick") or about 2 to 3 minutes	
(digital camera)	
(CD-R)	takes about 1 minute
(album)	takes about 1 minute

About the time it takes to finish importing photos

When importing photos, depending on the number of files to import,

It may take a long time*, but this is not a malfunction of the machine.

not.

Turning off the power while importing photos may cause malfunction.

Please note that there are

* Importing 200 photos at once may take more than 30 minutes.

Notes on displaying photos

Some Sony digital still cameras "Cyber-shot"

has a text mode for shooting text in black and white. This machine

You can display or import GIF files shot in this mode.

cannot be entered. This unit is an animated GIF

Compatible with

7

Update contents of DESR-5000/7000

If you update (renew) this software, it will be Ver.1.31. Before performing this update, Ver.1.10 or

For customers who have not updated Ver.1.20, this update will update items from Ver.1.10 to Ver.1.31 at once.

 will be

Update contents of Ver.1.31

tv set

Supports changing the program name when making a time reservation or recording reservation on the program guide

video

Addition of chapter mark setting function for video recorded with this unit (page 18)

Supports additional recording on DVD+RW and DVD-RW (page

23) Supports recording mode changes for video recorded with this unit (optimization)

(page 19) Supports DVD menu creation for dubbing (page 25) Disc options Added

initialization function to (page 27)
        You can now initialize DVD-RW and DVD+RW from the disc options.

Music

Added still image type visualizer (page 29)

PSBB
PlayStation®BB

Compatible with "PlayStation®BB" (page view: viewing functions for various channels only) (page 30)

Added "Dubbing to VR mode" to **other** settings Added "DVD

        bilingual recording audio" to settings

Update contents of Ver.1.20

tv set

Support for changing/cancelling recording reservations on the program guide (page 31)

video

Supports dubbing and playback of video using DVD+RW (+VR mode) (page 32)

Supports 30x fast forward and fast rewind (search) of commercially available DVD software (DVD-ROM)

Supports fast playback of video (1.3x speed) (page 33)

photo

Supports playback of movies (MPEG1 format) and clip motion (GIF format) shot with Sony digital still cameras (page 33) Supports importing movies and clip motion shot with Sony digital still cameras (page 35)

Supports display and import of photos saved in GIF format (Sony digital still cameras only)

> GIF format photos taken with a digital camera can be displayed on this unit or imported. The operation method is the same as for photos in JPEG format. For details, refer to page 54 of the instruction manual that comes with the "PSX" .

> For notes on display, see "Notes on playback on this unit" (page 33).

Supports playback and import of photos and videos saved on CD-R (page 36)

Music

The number of recognizable songs on discs (CD-R) of MP3 format songs has been improved to 99 songs/folder.

setting

Supports selection of [main + secondary audio] in the "HDD dual language recording audio"
> setting (page 36) When [main + secondary audio] is selected, both main and secondary audio can be recorded and played
> You can switch between main and sub audio at any time. Videos recorded with the [Main + Sub Audio] setting can be dubbed
> in DVD-RW VR mode.

"External video input" moved from TV to video settings

Other fixes that stop in the middle during slideshow playback

It does not support "Voice memo" that can be recorded by some models of Sony's digital still camera "Cyber-shot".

Update contents of DESR-5000/7000

Update contents of Ver.1.10

tv set

Supports re-extending setting during extended recording

video

Change the order of recorded videos (page 38)

Skip (return) the image to a slightly earlier scene (page 38)

Supports 30x speed for fast-forward and fast-
reverse (search) In addition to 2x, 10x, and 120x, 30x search is now available.

For details on searching, refer to page 42 of the instruction manual that comes with the "PSX" unit.

Reduced dubbing time
The writing speed to DVD has increased from 12x to 24x, making dubbing faster than ever before.

Music

Playing MP3 format songs recorded on a CD-R (page 39)

Importing MP3 format songs recorded on a CD-R to the hard disk (page 40)

photo

Displaying and importing photos saved in TIFF format (Sony digital still cameras only) You can
display and import TIFF format photos taken with a digital camera on this unit. The operation method is the
same as for JPEG format photos. For details, refer to page 54 of the instruction manual that comes with the
"PSX" .

Supports character input using a "PlayStation 2" compatible keyboard (USB connection) (page 40) Added "Character

input settings" to the settings

Added "Keyboard Settings" to Settings

Added "L2/R2 button settings" to "Video settings" (page 38)

Correction of the point that dubbing cannot be performed depending on the externally connected device.

Correction of the point that the channel setting of Just Clock changes to the initial value when automatic channel setting is executed.

Correction of noise that occasionally occurs when paused while editing video recorded on the HDD when optical digital out (SPDIF) is

connected.

Ten

Update contents of DESR-5100/7100

Update contents of Ver.1.31

11

Update contents from Ver.1.30

The software version at the time of purchase of DESR-5100/7100 is Ver.1.30. If you update (renew) this software, it will be Ver.1.31.

PSBB
PlayStation®BB

Shortened the time to return to the home menu from "PlayStation®BB"

Improved display of some content on PlayStation®BB

Other screen transitions on the home menu screen have been made smoother.

to update

There are two methods for updating this unit: network and CD-ROM (page 14).

Updating (updating) over the network

Flow of network update

Network settings before network update

Please be sure to complete For network settings,

See "Network Connections" in the instruction manual that comes with the "PSX".

and settings" (page 80).

Step 1

Use Mm<, to select [Network Update] from

(Settings) in the home menu.

(決定) Press.

The network update start screen appears.

is shown.

Step2

(決定) Press.

Network update work has started.

vinegar.

"Flow of network update" (12

page) and follow the on-screen instructions.

please.

> IMPORTANT The unit's power will
> automatically turn off at step 11 in
> "Network update flow" . After confirming
> that the power lamp of the unit is red,
> turn the power off and on again.

Error message displayed during update

If so, please start over from Step 1 . still the
error message

If a message appears, please refer to the back cover

"PSX" upgrade dedicated desk

Please contact us.

1 Software check

最新ソフトウェアを確認しています。
しばらくお待ちください。

2Software download

最新のソフトウェアをダウンロードしています。
ダウンロードが終わるまでは、本機の電源や、
ネットワークを切断しないでください。
ダウンロード状況

8 %

3 "DNAS" certification

"DNAS"認証中です。
しばらくお待ちください。

4 Display of software license agreement

使用許諾契約

使用許諾契約を確認したら♦を押して次の画面に進んでください。

ソフトウェア使用許諾契約書

本契約は、お客様（以下お客様とします）とソニー株式会
社（以下ソニーとします）との間での下記のソフトウェア（
以下許諾ソフトとします）の使用権の許諾に関する条件を定
めるものです。

許諾ソフト[PSX® upgrade software ver.1.31]

第１条（総則）
許諾ソフトは、日本国内外の著作権法並びに著作者の権利

5Confirmation of software license agreement

使用許諾条件に同意しますか？
入力する項目を ↕ で選んで ◆ を押してください。

同意しない
同意する

6Installation confirmation screen

これからインストールを開始します。
インストール中は画面にはしばらく何も表示されません。
本機の電源を切ったり、ネットワークの接続を切断したり
しないでください。
❷⓪/◯ボタンを押すとインストールを開始します。
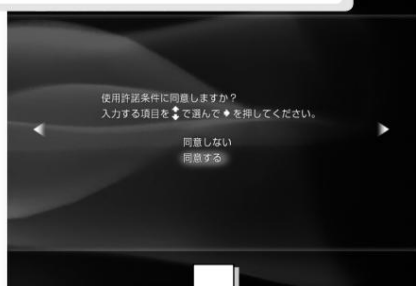
7 Automatically reboot

I/⏻
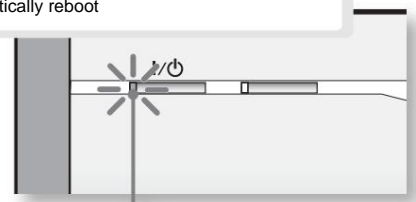
Power light blinks green

8 updates continue
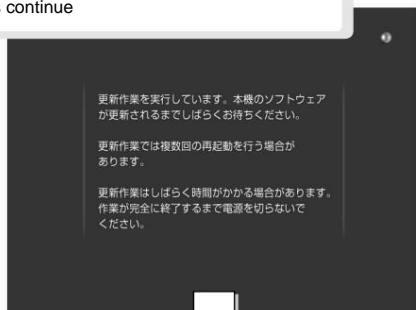
更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

to 9

9 Reboot automatically

I/⏻

Power light stays green

10 updates continued

更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

11 Power turns off

I/⏻
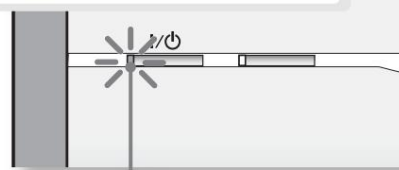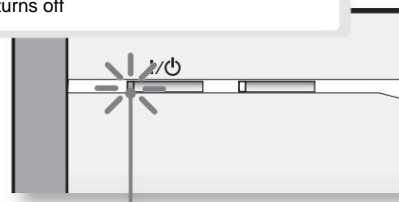
solid red

12Turn on the power.
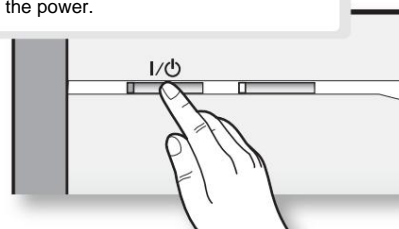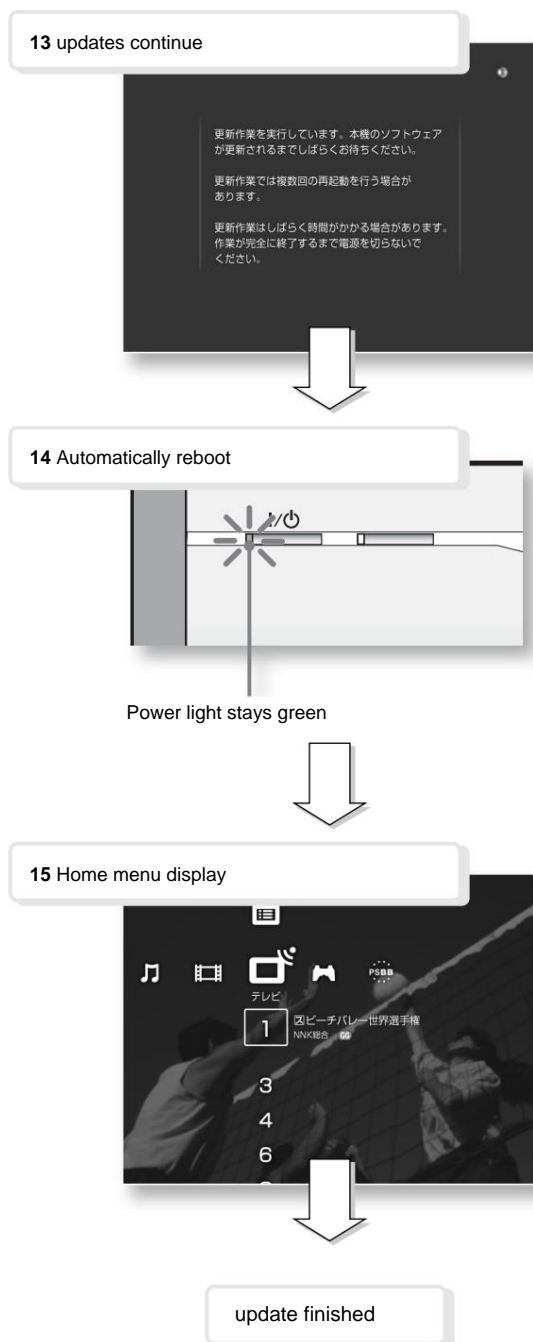
I/⏻

to 13

to update

13 updates continue

更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

14 Automatically reboot

Power light stays green

15 Home menu display

update finished

Check if this unit has been updated (page 17).

Confirm that the machine version is updated to "1.31".

please.

Updating (updating) with CD-ROM

If you cannot connect to the network using "PSX", please update
It can be updated with a CD-ROM for software.
The update CD-ROM will be distributed free of charge. Details
For details, please see the website listed on the back cover.
Or contact the "PSX" Upgrade Desk.

Step 1 Insert the update CD-ROM into this unit.
do.

Step2 Use Mm<, to select (Disc) (game)
from the home menu and press .
CD-ROM update work will start.

ゲーム
ディスク
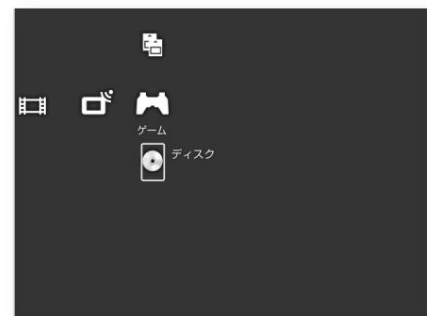
Refer to "CD-ROM update flow" (page 15)
and follow the on-screen instructions.
please give me.

important

At step 13 of "CD-ROM update flow", the
power of this unit is automatically turned off.
After confirming that the power lamp of the
unit is red, turn the power off and on again.
when.

Error message displayed during update
If so, please start over from Step 1 . still the
error message
If a message appears, please refer to the back cover
"PSX" upgrade dedicated desk
Please contact us.
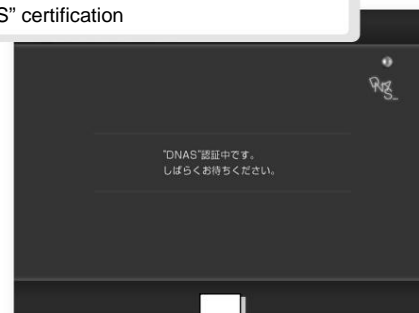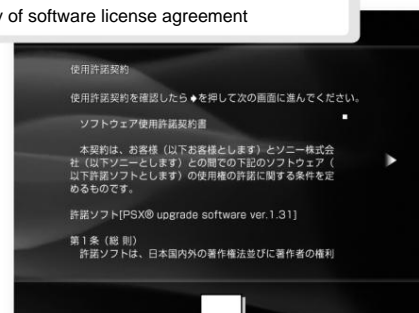
Flow of CD-ROM update

1 Update start screen

2 List of update items

アップデート項目一覧
今回のアップデートでは以下の機能が追加されます。

機種：DESR-7100/5100（ソフトウェアバー
ジョン1.30からの変更点）
Ver.1.31でのアップデート項目

■ "PlayStation BB" からホームメニューに
戻る時間を短縮しました。
■ "PlayStation BB" の一部コンテンツ表示
の改善を行いました。

3 Display of software license agreement

使用許諾契約

使用許諾契約を確認したら◆を押して次の画面に進んでください。

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めるものです。

許諾ソフト[PSX® upgrade software ver.1.31]

第１条（総則）
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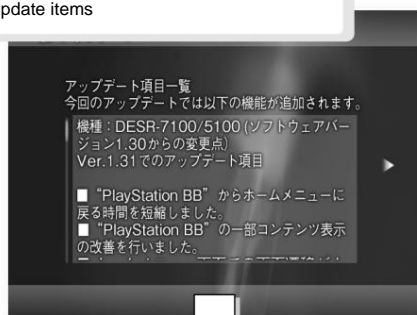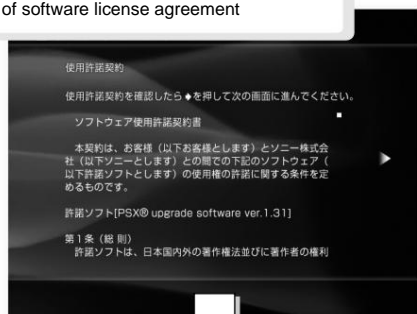
4 Confirm that you agree to the software license

使用許諾に同意しますか。
◆で選んで◆を押してください。

同意する
同意しない
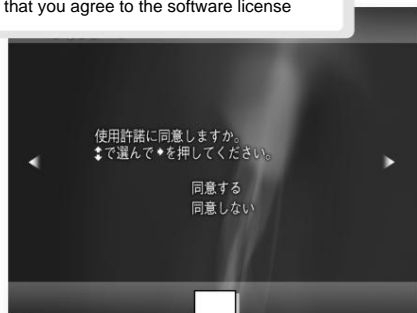
5 Start confirmation screen

これからアップデートを開始します。
○ボタンを押して、アップデートを開始
してください。

6 Update preparation screen

アップデートの準備をしています。
アップデートが終わるまでは本機の電源を
切らないでください。

78.2%

7 Installation confirmation screen

これからインストールを開始します。
インストール中は画面にしばらく何も表示
されません。再び画面が表示されるまで、
本機の電源を切らないでください。
ディスクを取り出して○ボタンを押して
ください。
○ボタンを押すとインストールを開始
します。

8 Eject the CD-ROM

to update

9 Reboot automatically

Power light stays green

10 updates continued

更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

11 Automatically reboot

Power light stays green

12 updates continued

更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

13 Power turns off

solid red

14Turn on the power.

15 updates continue

更新作業を実行しています。本機のソフトウェア
が更新されるまでしばらくお待ちください。

更新作業では複数回の再起動を行う場合が
あります。

更新作業はしばらく時間がかかる場合があります。
作業が完全に終了するまで電源を切らないで
ください。

16Reboot automatically

Power light stays green

17 Home menu display

update finished

Check if this unit has been updated (page 17).

Confirm that the machine version is updated to "1.31".

please.

Checking if the unit has been updated

Step 1

Mm<, for home menu   (setting)

Select [Device settings] from .

Step2

Use Mm to select [Information].

Make sure that the "PSX" column is set to "1.31".

Please confirm.

Operation explanation of functions added in Ver.1.31

Setting chapter marks

Chapter marks can be added to videos recorded with this unit.
increase. If you add a chapter mark, the
|◁◁ Scenes or scenes with chapter marks added with icons
You can skip or return with .

Step 1

Mm<, for home menu ▦ (bidet
video) e) to which you want to add a chapter mark
Select and press .
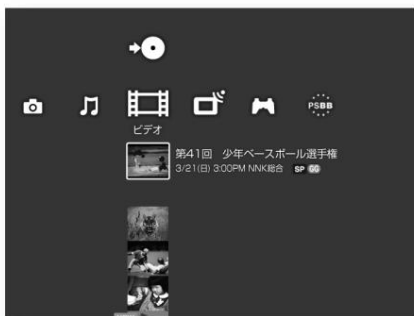
Step2

Use Mm to select "Edit" and press .

The edit screen is displayed.

Step3

when you want to add a chapter mark (R3)
push.

A chapter mark is set on the playback bar.
increase.

99 chaptermers per video
You can add

Step4

After setting chapter marks,
Use Mm<, to select [Done] and press .

Undo chapter mark

Step 1

Press Mm<, while the edit screen is displayed (pause
(stop) and press .

Step2

Select the play bar with Mm.

Step3

(L1) or to select the chapter you want to cancel.
Select Mark.

Step4

(R3) Press.

The chapter mark selected in Step 3 is canceled.
will be

To cancel all set chapter marks

Step 1

Mm<, for home menu ▦ (bidet
e), select the video for which you want to remove
the chapter mark and press .

Step2

Use Mm to select "Cancel edit" and press .

All channels set for the selected video
The print mark is canceled.

All edits, not just chapter marks
Please note that the settings will be canceled.

Notes on "Setting chapter marks"

• Chapter marks cannot be set or canceled when the play bar is
  not selected.
• If you edit a portion of the video that has a chapter mark, the
  chapter mark included in that portion will be deleted.
  increase.

Optimize your footage

Reduce the video data size or set to skip during editing.
You can completely delete the specified scene.

Step 1

on the home menu ▦ (video) from
Press Select.

An option screen appears.

Step2

Use Mm to select [Optimize] and press .

The optimization screen will appear.

Step3

Use Mm to select the optimization setting field and press .
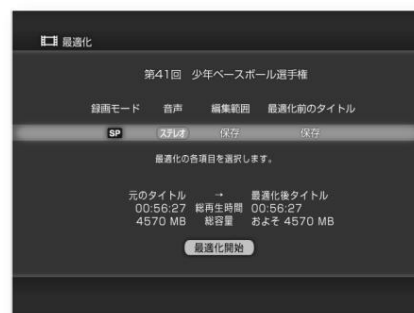
Operation explanation of functions added in Ver.1.31

Step4

Use <, to select the item to set.
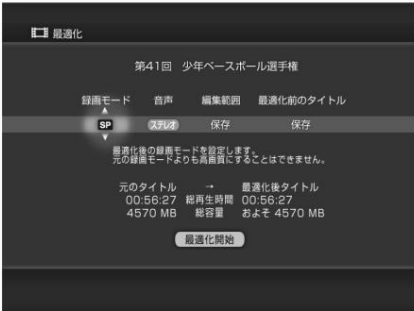
Step5

Sets the item selected with Mm.

Step6

After setting all items, press 決定

vinegar.
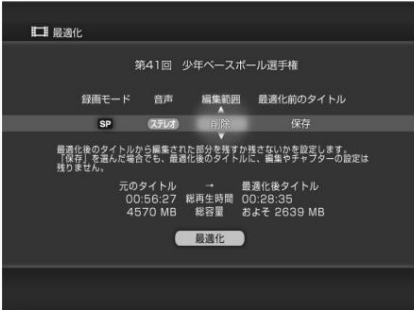
Step7

Use Mm to select [Start optimization] and press .

Optimization work begins.
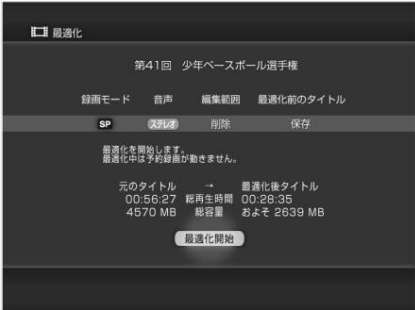
in the upper left of the image during optimization. **Re-Rec** the mark is

It shows.

Items that can be set in Step 3

Item	
recording mode	Sets the image quality after optimization. Lowering the image quality reduces the data size.
audio	The audio of the video recorded in main + sub, DVD-RW (Video mode), DVD-R, Sets the audio recording method when dubbing to a DVD+RW disc. Set whether or not to
Edit range	completely delete the parts set to be skipped in editing when optimizing. Even if you select "Save", the edited title and chapter settings will not remain in the title after optimization.
Title before optimization	Set whether to save or delete the title before optimization.

If **you want to stop optimization halfway through,**

use Mm to select [Cancel Optimization] from the option menu and press 設定

Notes on "Optimize video"

- When optimizing the video of a program that includes a copy control signal that is "recordable only once", the scene that includes the copy control signal will be recorded as a blue image and no audio will be recorded.

- When optimizing video containing copy control signals, use the Titles before optimization cannot be deleted.

- Chapter information set during editing will be added to the optimized video. Not reflected.

- During optimization, when playing ATRAC3 format music, Sound skipping may occur when inserting or removing a CD, "Memory Stick" or digital camera.

- If there are many recorded titles (more than 300), sound skipping may occur when ATRAC3 format music is played during optimization.

- The following operations and functions do not work during optimization.
  - Start scheduled recording
  - Capture photos
  - music capture –
  dubbing
  - change settings

- When optimization is performed, the first image of the title after optimization is registered as a thumbnail.

dub to dvd

You can dub videos recorded on this unit to a DVD.

Before dubbing, prepare a DVD suitable for your purpose.

Types of discs that can be dubbed with this unit

There are several types of discs that can be dubbed with this unit. increase.

For details on the types of discs that can be dubbed with this unit, see "Dubbing Discs that can be recorded" (page 45).

About the video length that can be recorded on a DVD

Length of video that can be dubbed to DVD depending on video recording mode is different.

recording mode	length
HQ	HD 1 hour 1.5
HSP	hours 2
SP (standard)	hours
LP	3 hours
EP	4 hours
SLP	6 hours

When dubbing to DVD-RW in VR mode

Before dubbing to DVD-RW in VR mode,

You need to set the ringing method. For more information, see Edit Dubbing when dubbing video to VR mode of DVD-RW method" (page 28).

A **playlist is**
management information for video playback, such as the playback order. It's called a lay list.

Tighten the DVD-RW disc on which the playlist is recorded.

The video list displays original videos and playlists.

vinegar. in the playlist P LIST mark is displayed.

If you select the original video, it will be set not to play in editing. It will play back as it is.

When you select a playlist, the parts you set to not play in the edit Skip and play.

Operation explanation of functions added in Ver.1.31

Flow of the dubbing wizard

Step 1 Preparing the disc for dubbing

▽

Step 2 Select video to dub

▽

Step 3 Select DVD menu

DVD-R, DVD-RW (Video mode), DVD+RW only

▽

Step 4 Confirm the order to write the title

▽

Step 5 Create a DVD menu

DVD-R, DVD-RW (Video mode), DVD+RW only

▽

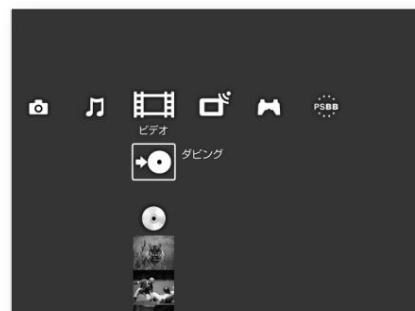Step 6 Dubbing to DVD

Step 1 Prepare the disc

Step 1 Insert a DVD disc into the unit.

Step2 Use Mm to select (Dubbing) and press .

Step3 Press.

The initialization (format) start screen appears.

increase.
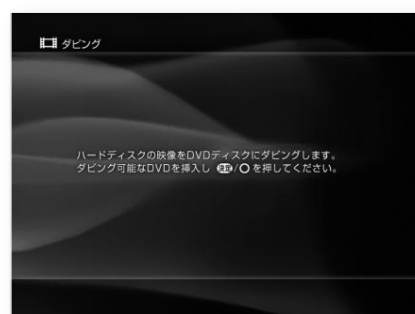
If you want to add video to a disc that already contains video

DVD-RW VR mode and DVD+RW are dubbed once.

You can add videos to a disc that has been recorded.

If you select in Step 3 of "Step 1 Prepare the disc" (page 22), a screen for executing additional recording will be displayed.
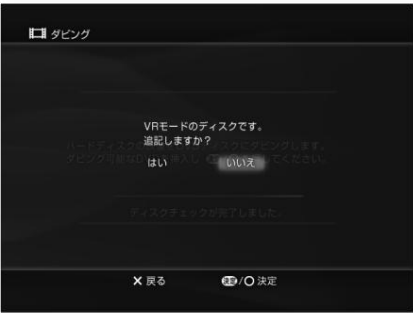
If you want to add, select [Yes] here.

If you select [Yes], proceed to Step 5 of "Step 2 Selecting the video (title) to dub" (page 24). If you select [No] , proceed to Step 4 (page 23) of "Step 1 Prepare the disc" .

Erasing dubbed images This unit
cannot erase only part of the dubbed images.
I can't
If you want to erase the video, format the disc.

Erasing images recorded on a disc using another device
About the empty space caused by
In the case of DVD-RW (VR mode), images are added to this empty space.
can be written.
For DVD+RW, this free space is not available.

Use <, to select [Yes] and press .

An uninitialized disk is inserted.

Initialization starts here.
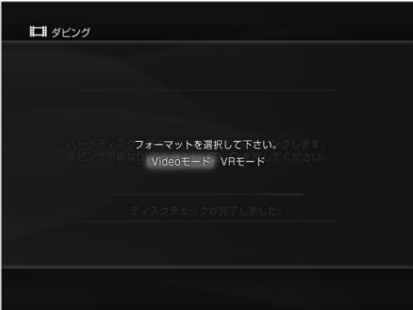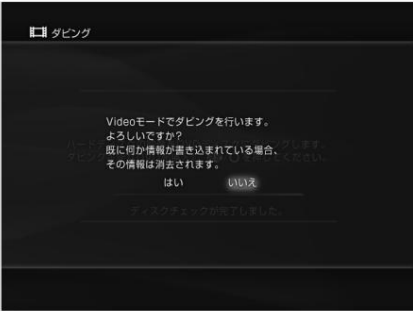
For DVD-RW, refer to the list below.

After selecting the recording mode that suits your purpose,
 Please select Yes.

For DVD-RW, select [DVD-RW recording

Select [Change mode] to display the mode selection screen.
is shown.

	Video mode	VR mode
Renewable equipment	Almost any DVD player	VR mode compatible DVD player only
DVD menu creation	possible	Unable to create
postscript	Impossible	Possible
remarks		Playlist creation possible

To **reinitialize an already formatted DVD+RW or DVD-RW disc with the same video mode**

Go to [Initialize] in the option menu of each disk.

please give me.

Operation explanation of functions added in Ver.1.31

Step 2 Select the video (title) to dub

Step5

Use Mm to select the titles in the order you want to dub, then press .

They will be dubbed in the selected order. screen right

In the pie chart displayed on the side, dub

While checking the free space on the disc,

Please choose.

If you want to change the order

1Use Mm to select the selected title again and press . 決定

The selection is cleared.

2Reselect the titles in the order you want to dub and press . 決定

Titles that can be recorded only once Titles that include copy

control signals that can be recorded only once cannot be dubbed to DVD. such data

The title screen will be displayed in red in Step5.

displayed in red

If the total size of the selected titles exceeds the free space on the disc In such a case, change the title recording mode and save the data

By reducing the size, it is possible to match the free space of the disk.

You can This unit automatically changes the title recording mode.

There are two methods, one is to change the recording mode and the other is to manually change the recording mode.

I will.

When you want to adjust automatically

After selecting a title in Step 5, select [Yes] with <, and press . The player automatically resizes the title.

increase.

When you want to adjust manually

1 At Step 5 , use Mm to select the title whose size you want to change and press .

2 Use Mm to select [Rec Mode] and press 決定

3 Use Mm to select the new recording mode and press 決定

You cannot select a recording mode with higher image quality than the recording mode before the change.

I can't

Recording modes decrease in size in the order shown in the table below.

recording mode	large size	high
HQ		quality
HSP		
SP		
LP		
EP		
SLP	small	

The title whose recording mode has been changed will be changed as shown in the screen below.

The new recording mode will be displayed.

When there is a title for which you do not want to change the recording mode

If you protect a title you don't want to change, the title will automatically

Even when resizing, the protected title remains the original

You can dub while in recording mode.

1 At Step 5 , use Mm to select the title whose size you want to change
△ and press .

2 Use Mm to select [Lock Mode] and press .

The recording mode is protected, and a mark is attached to the

changed recording mode display.

Step6   After changing the recording mode, press ,.

Step 3 Choose a DVD menu design

A DVD menu is a list of titles displayed first when a DVD is played.

DVD-R, DVD-RW (Video mode), and DVD+RW discs can be played with this unit.

Can only be created when dubbing on a disc.

When dubbing using a DVD-RW (VR mode), the DVD

The menu creation screen is not displayed. "Step 4 Write the title

Checking the Loading Order" (page 26).

— Disc title name

— Title name

Step7   Use Mm to select the DVD menu design 決定
Press.
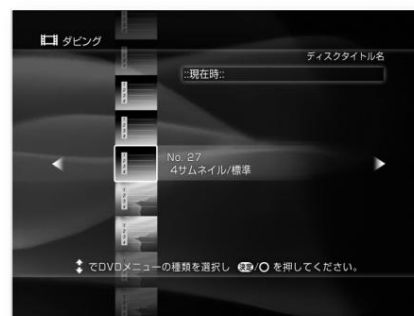
The number of titles that can be displayed on one page differs depending on the DVD menu.

Become. Zoom in and view the DVD menu tight

Please check the number of The number of titles does not fit on one page

DVD menus with the same design are automatically added and duplicated.

It will be a DVD menu of several pages.

When you don't want to create a DVD menu

"Create menu" displayed at the top of the DVD menu list

Please select "No".

Precautions when **adding video to a DVD+RW created with another device**

is replaced by

A DVD menu created on another device is considered to have video added on this unit.

It will disappear after a while.

twenty five

Operation explanation of functions added in Ver.1.31

To enlarge and check the DVD menu design , press while selecting the design you want to check in Step 7, and select [Enlarge] with Mm. △

If you want to display the disc title name on the DVD menu, you can display the disc title name on the DVD menu.

I can do it. The default setting is to create a DVD menu on the DVD menu. It is set so that the time when it was created is displayed.

1 While selecting the design you want to check in Step 7, △ Press and use Mm to select [Rename].

A **2** -character input screen will appear, so enter the disc title name. input.

Step 4 Check the order of writing titles

Titles are written in order from top to bottom.

Step8　　Check the writing order of the title and press 決定

vinegar.

If **you want to change the order of the titles or change the recording mode,** press < and return to Step5.

Step 5 Create a DVD menu

Create a DVD menu with the design you chose in step 3.

Creating a DVD menu may take some time. work Please wait for a while until it is completed.

Step 6 Dubbing to DVD

When the menu creation is finished, dubbing will start automatically and the Finalize later.

If optimization work occurs during dubbing, the dubbing will take some time. It may take

Optimization work includes changing the recording mode during dubbing, Occurs when the recording method is changed.

Notes on "Dubbing to DVD"

• Some DVD devices may not be able to play the disc even if it is finalized correctly.
　may not work.

• You can finalize a disc recorded on another DVD device with this unit.
　you can't.

• During dubbing, timer recording and recording cannot be performed.

• When dubbing in DVD-RW Video mode, the editing results will not be displayed.
　is reflected.

• When the remaining hard disk space is low, it may not be possible to create a DVD menu, or dubbing may not be possible if optimization is required.

• Chapter information set during editing is optimized during dubbing.
　It will not be reflected in the video you performed.

• Most digital terrestrial, BS, and 110-degree CS programs contain copy control signals. It is not possible to dub or move a program that includes a copy control signal that says "record only once" to a DVD. With "PSX", programs that can be recorded only once can only be recorded on the hard disk.

• DVD-RW (VR mode) from which all titles have been deleted on another device,
　Additional data cannot be added to DVD+RW discs.

• Dubbing may take longer than usual if you change the recording mode or the audio recording method during dubbing.

Initialize the DVD

 Step 1

Insert a DVD disc into the unit.

 Step2

Use Mm to select (DVD) and press .
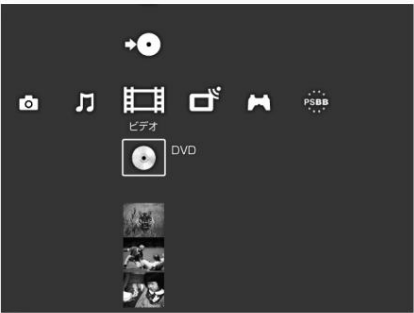
 Step3

Use Mm to select [Initialize] and press .

DVD initialization starts.

 Step4

决定 Press.

For DVD-RW, select [Change DVD-RW recording mode] here.

and the mode selection screen is displayed.

Select the recording mode that suits your purpose from the list below.

Select [Yes] from

	Video mode	VR mode
Renewable equipment	Almost any DVD player	VR mode compatible DVD player only
DVD menu creation possible		Unable to create
postscript	Impossible	Possible
remarks		Playlist creation possible

27

Operation explanation of functions added in Ver.1.31

Setting the dubbing method when dubbing edited video to DVD-RW VR mode

When dubbing video edited in DVD-RW VR mode,
Created a raylist or set not to play in edit
You can delete parts and dub them.

Step 1
Mm<, for home menu　　　(setting)
Select [Video settings] from and press 設定

Step2
Use Mm to select [VR Mode Playlist] and press . 決定

Step3
Use Mm to select the dubbing method and press .

Item list

Dub the

created playlist and the original video. Parts that
were set not to be played during editing remain
in the original video.

From the original

video that will not be created , dubbing is performed by
deleting the parts that were set not to be played during editing.

A **playlist is** management

information for video playback, such as the playback order.
It's called a lay list.
on the home menu　　　(video), the playlist is recorded
If you select a DVD-RW disc that is loaded and press
The view shows the original video and playlist.

In the playlist　　P LIST　mark is displayed.

If you select the original video, it will be set not to play in editing.
It will play back as it is.
When you select a playlist, the parts you set to not play in the edit
Skip and play.

Setting the audio recording method when dubbing recorded video of bilingual broadcasts

DVD-R, DVD-RW (Video mode) for recording video of bilingual broadcasts
mode), set the audio recording method when dubbing to DVD+RW.
increase.
When dubbing DVD-RW (VR mode), the main audio and sub-audio
Both voices are recorded.

Step 1
Mm<, for home menu　　　(setting)
Select [Video settings] from and press 設定

Step2
Use Mm to select [DVD dual language recording audio] 決定
and press .

Step3
Use Mm to select the recording method and press .

Item List

Main

Audio Only the main audio is recorded during dubbing.

Secondary audio

Records only sub-audio during dubbing.

Recorded audio when **dubbing recorded video of bilingual broadcasts to DVD**

Recorded video that contains both main and sub audio
The sound that can be recorded differs depending on the disc used for recording.
vinegar.

at the time of recording HDD bilingual recording audio setting	DVD discs and recording modes that can be dubbed		
	DVD-R (Video mode)	DVD-RW	DVD+RW (+ VR mode)
		Video mode	VR mode	
Main voice • •••				
Sub-audio • ••• Main+Sub-audio ÿ ÿÿÿ				

ÿ Recorded with the audio selected in the "DVD dual language recording audio" setting.
　　will be

• Only the audio of the HDD bilingual recording audio set at the time of recording is dubbed
　　will be

ÿ Both the main and sub-audio are dubbed, and the main and sub-audio are
　　You can switch voice

Switch the visualizer to a still image

From Ver.1.31, still images (2 types) are added to the visualizer types. joined.

Step 1

Press while playing a song.

The operation panel will be displayed.

Step2

Select the icon on the operation panel several times.

A still image is displayed.

NOW PLAYING
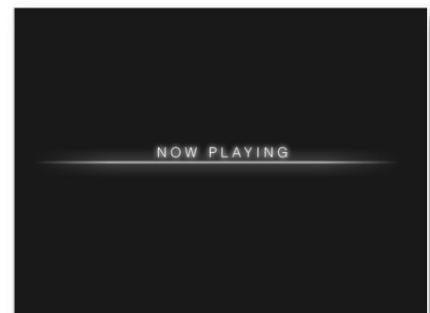
Step3

icon on the operation panel again. Press Select.

Another still image is displayed.

NOW PLAYING

Operation explanation of functions added in Ver.1.31

About "PlayStation®BB"

Using the "PlayStation®BB" on this unit allows you to use the content provided by game software manufacturers and Internet service providers.

You can browse the content that is displayed.

Various contents of "PlayStation®BB",

To view the "PlayStation®BB" info, the system must be connected to the network.

For information on how to connect to the network, please refer to the

See page 80 "Network connection and settings" of the operating instructions.

Please see

Enjoy "PlayStation®BB"

Step 1	Mm<, for home menu

Select the channel you want to view from ("PlayStation®BB") and press .

Connect to the network and select the channel is displayed.

Service content provides content

game software makers and Internet

It depends on your internet service provider.

For details, refer to each game software

manufacturer or internet service

Please contact your provider.

Browse "PlayStation®BB" info

The "PlayStation®BB" info contains the terms of use for "PlayStation®BB" .

Step 1	Mm<, for home menu

Select ["PlayStation®BB" Info] from ("PlayStation®BB") and press .

Precautions when using "PlayStation®BB"

• Use this unit to download "PlayStation®BB" content, etc. cannot be downloaded.

• A message will appear on the screen when you try to download from each channel of "PlayStation®BB", but this is not a malfunction.

• You cannot view paid content on this unit.

Operation explanation of functions added in Ver.1.20

Change the content of the recording reservation in the program guide

Step 1

Mm<, for home menu (Tele tv set

Select (program guide) from B) and press 決定

テレビ
番組表

1
3
4

Step2

Use Mm<, to select the program whose reservation contents you want to change and press .

Step3

Use Mm to select the setting item field and press .

Step4

Use <, to select the item to change.

Step5

Change the item selected with Mm.

Step6

After setting all items, press 決定

vinegar.
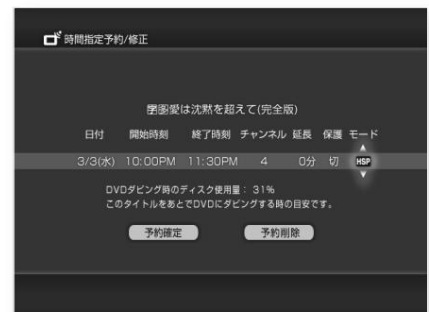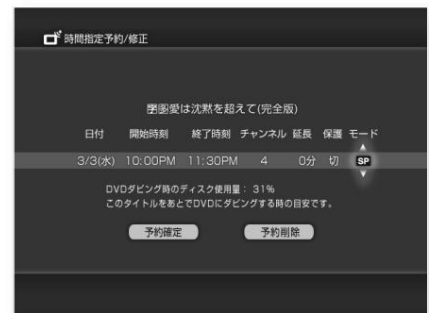
Step7

Use Mm to select [Confirm Reservation] and press .

Operation explanation of functions added in Ver.1.20

Canceling a recording reservation in the program guide

Dubbing with DVD+RW

From Ver.1.20, you can also dub DVD+RW discs.

Now

For details on how to dub, refer to "Dubbing to DVD" (21 page).

Step 1

Mm<, for home menu (Tele

Select (program guide) from B) and press .

Step2

Press Mm<, to select the program you want to cancel

Press Select.

Step3

Use Mm to select [Delete reservation] and press .

Fast-forwarding video with sound (fast playback)

If you select x1.3 on the operation panel, you can play the video with sound at 1.3x speed .

Step 1   Press while playing a video.△

The operation panel will be displayed.

Step2   Mm<,in   ▷Select x1.3 and press .

• Fast playback cannot be used with commercially available DVD-Video (DVD-ROM).

• Audio is output from the optical digital output of this unit even if Dolby Digital is set to "On" when using fast playback for videos recorded in recording modes other than HQ or dubbed DVDs . I can't. Audio is output from the optical digital output of this unit regardless of the Dolby Digital setting for video recorded in HQ recording mode .

Playing back movies and Clip Motion shot with a Sony digital still camera

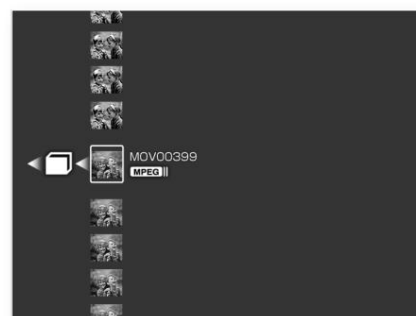Taken with a Sony digital still camera "Cyber-shot"
Playback movies (MPEG1 format) or Clip Motion (GIF format) can live.

Step 1   Press Mm<, to select Photo (Photo) in the home menu. from ("Memory Stick") or (digital camera), (data CD), (album) and press .

Step2   Use Mm to select a movie or clip motion and press .

If you select ("Memory Stick"), (digital camera), or (data CD) **in Step 1 ,** the folders saved in the "Memory Stick" or digital camera will be displayed in Step 2. select the folder that contains it and press . Press to display a list of movies and clip motions saved in the selected folder. Select the movie or clip motion you want to see and press again.

Precautions **when playing back on**

this unit Photos and videos that can be played back on this unit are JPEG/GIF/TIFF format photos and MPEG1 format videos taken with a Sony digital still camera "Cyber-shot", as well as Clip Motion. increase.

• High bitrate MPEG1 formats such as HQ mode and VX mode Expression videos may not play properly.

• It may take a long time to play MPEG format movies or TIFF/ GIF format photos from a " Memory Stick ", CD-R, or digital camera. In such a case, import the entire folder containing the videos or photos you want to play back to this unit before playing them.

Operation explanation of functions added in Ver.1.20

• Video files cannot be displayed as a slide show.

Hmm.

• Thumbnails are displayed for photos with large file sizes.

An icon may appear instead.

Control a video that is playing

You can use the operation panel displayed on the screen to

You can control promotions.

Step 1   Press while viewing a photo. △

The operation panel will be displayed.

Step2   Select the icon you want to use with Mm<, (決定)

Press.

control panel

Icons that can be used on the operation

panel Some icons may not be displayed depending on usage conditions.

item		explanation
	make it an album cover	Photos are registered as album icons. When a video or clip motion is used as an album jacket, the first frame of the video or clip motion is registered as an icon.
	Screen display	Switches the screen display.
	Previous Photo	Displays the previous photo or video.
	Next Photo	Displays the next photo or video.
	reproduction	Play the stopped video.
	Pause	Pauses the video that is playing.
	Stop	Stop the video that is playing.

|◁◁   About (previous photo)

Select when playing an MPEG1 format video for 3 seconds or longer.

Press and to return to the beginning of the video being played and start playing.

increase.

within 3 seconds after starting to play MPEG1 format video .|◁◁

Press to select and press to return to the previous photo or video in the video being played.

live.

Importing movies and clip motion shot with a Sony digital still camera

▷ ▭ ("Memory Stick") or 🗎 °◎ (Digital camera), ◌ Movies and clip motions saved on (Data CD) can be imported into the unit.

For the file structure of the CD, see page 43, "Memory Stick See page 46 for the file structure of the

Import by folder

Step 1

Press Mm<, to select Photo (Photo) in the home menu. from ▷ ▭ ("Memory Stick") or 🗎 °◎ (digital camera), (data ◌) CD) and press 決定

Step2

Use Mm to select the folder you want to import and press .

A folder options menu will appear.

increase.

Step3

Use Mm to select [Import] and press .

Importing will start. on screen instructions Then import the folder. finger The movie is imported to the specified album.

Import by file

Step 1

Press Mm<, to select from Photo (Photo) in the home menu. ▷ ▭ ("Memory Stick") or 🗎 °◎ (digital camera), (data ◌) CD) and press 決定

A folder will appear.

Step2

Use Mm to select a folder and press .

Step3

Use Mm to select the video you want to import and press .

File information in [Information] of the option menu You can check the type.

Step4

Use Mm to select [Import] and press .

Importing will start. on screen instructions Therefore, you can take videos and clip motions Please come in.

Operation explanation of functions added in Ver.1.20

Playing back photos, videos, etc. saved on a CD-R
36

Step 1　Press Mm<, to select (Data CD) from Photo (Photo) in the home menu and press . 決定

Step2　Use Mm to select [Folder] and press .

Step3　Use Mm to select a photo or video and press .

Recording bilingual broadcasts (dual audio broadcas

With this unit, when recording programs such as bilingual broadcasts,

You can record it in a street way.

Record primary or secondary audio only

Step 1　Mm<, for home menu (setting) setting
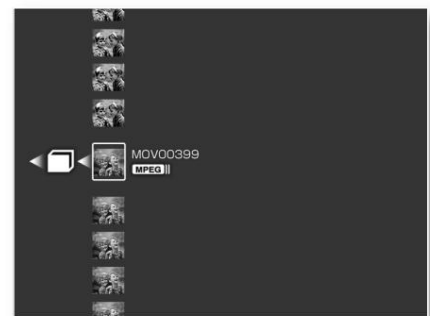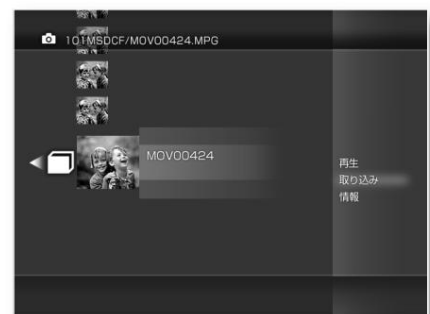
Select [Video settings] from and press. 決定

Step2　Use Mm to select "HDD dual language recording audio" 決定 and press .

Step3　Use Mm to select "Main Audio" or "Sub Audio" 決定 Press.

Record both primary and secondary audio

You can switch between main and sub audio during playback.

Step 1　Mm<, for home menu (setting) setting

Select [Video settings] from and press. 決定

Step2　Use Mm to select "HDD dual language recording audio" 決定 Press.

Step3　Use Mm to select "Main + Sub" and press .

Recording bilingual broadcasts from external inputs

In addition to the setting for bilingual broadcasting, set "External input audio setting" to "Dual

Please change it to "Double voice".

Step 1　Mm<, for home menu (setting) setting

Select [Video settings] from and press. 決定

Step2　Use Mm to select "External Input Audio Settings" and press .

vinegar.

Step3　Use Mm to select "Dual Audio" and press .

Precautions when listening to the audio of recorded video of

bilingual broadcasts through the optical digital output

When "Dolby Digital" in [DVD Settings] is set to "On", the following
I cannot switch the audio of the video.

• Recorded video recorded in a recording mode other than HQ

• Dubbing video recorded in a recording mode other than HQ.
  DVDs

Precautions when recording **dual audio programs (digital CS**

broadcast programs, etc.) from the external input (LINE)

If you set "External Input Audio Setting" to "Stereo", the audio will be
Cannot switch.

Operation explanation of functions added in Ver.1.10

Change the order of videos

You can now sort the list of recorded videos.

vinegar.

Step 1

Mm<, for home menu
Filmed from video

Select an image and press .

The video options screen will appear.

Step2

Use Mm to select [Change Order] and press .

Each time is pressed in "Change sort order", the

The sort order is switched in the following order.

> By date (newest first)
> mBy date
> (oldest first) mBy
> name (ÿ)
> mBy name (ÿ) mBy
> genre mBy
> unwatched

The order of the currently displayed images is displayed on the screen.

You can check it in the upper left.

Video option screen

Current sort order

Skip the video to the next scene and play it back (flash)

on the operation panel ⬅O (flash-)   O⮕ (flash+)

A button has been added that allows you to skip (return) to a scene about 15 seconds ahead (backward).

) will be available for playback.

Step 1

Press while playing a video. △

The video control panel will be displayed.

Step2

Mm<, (flash-) ⬅O   O⮕

Select (Flash +) and press 決定

⬅O (flash-)   O⮕ (flash

+) is selected and pressed once, about 15 seconds forward (backward).

You can skip (return) to the scene

vinegar. Press twice to move forward (backward) for about 30 seconds.

You can skip (return) to the scene.

video control panel

Flash +
Flash -

Using the flash with the L2/R2 button on the remote control

If you change the setting of the L2/R2 button on the remote control, Flash is ready to use.

Step 1

Mm<, for home menu (setting)

Select (Video Settings) from   決定

push.

Step2

Use Mm to select [L2/R2 button settings] and press .

vinegar.

Step3

Use Mm to select [Flash] and press .

L2 to Flash-, R2 to Flash+

Become.

About L2/R2 button settings

item	explanation
search	Select this when you want to skip to the desired scene while fast-forwarding or fast-reversing the video.
Select when you want to skip (rewind) the flash image to the scene about 15 seconds ahead.	

If you make this setting, the analog controller for exclusive use of the separately sold "PSX"

(DESR-10) L2/R2 button will also switch at the same time.

please note

Even if you change the setting of the L2/R2 button on the remote control to flash, the L2/R2 button will still function as a search when editing video .

Play MP3 songs

39

Playing MP3 files (songs) saved on a CD-R on a computer, etc. You can

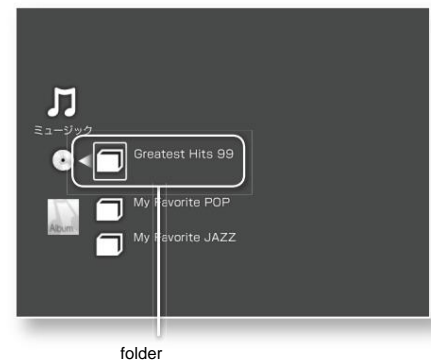**Step 1**   Insert a CD-R into this unit.

on the home menu 🎵 Music to (data CD)

is displayed.

Step2   Use Mm to select (Data CD) and press .

Step3   Use Mm to select [Folder] and press .

folder

Step4   Use Mm to select the song you want to play and press .

please note

MP3 files saved on discs other than CD-R cannot be played on this unit.

Hmm.

Operation explanation of functions added in Ver.1.10

Importing MP3 songs to this unit

Importing MP3 files saved on a CD-R to this unit
I can.

Import by folder

Step 1
Mm<, for home menu　　♫ from ⊙
Music
Select (Data CD) and press .

Step2
Use Mm to select the folder you want to import and
press .
A folder options menu will appear.
increase.

Step3
Use Mm to select [Import] and press .
Importing will start. on screen instructions
Therefore, import MP3 files.
The songs are imported to the specified album.

Import MP3 files (songs) from CD-R

Step 1
Mm<, for home menu　　♫ from ⊙
Music
Select (Data CD) and press .
A folder will appear.

Step2
Use Mm to select a folder and press .

Step3
Select the MP3 file (song) you want to import using Mm.
Press and .

Step4
Use Mm to select [Import] and press .
Importing will start. on screen instructions
Therefore, import MP3 files.
stomach. The songs are imported to the specified album.
vinegar.

Connect a keyboard and enter characters

By connecting a "PlayStation 2" compatible keyboard to this unit using the
USB port, you can enter characters without using the on-screen keyboard.
can be entered.

Step 1
Connect a keyboard.
Connect as shown in the diagram below.
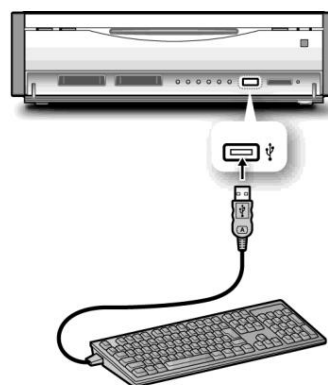
Step2
Make keyboard settings.
Keyboard settings and character input as needed
Please set the How to set
For details, refer to "Setting the keyboard" (41
page) and "Setting character input" (page 42).
J).

make keyboard settings

Make the following settings according to the keyboard you are using.

when.

Set keyboard type

Use this setting when you connect an English keyboard.

stomach.

Step 1 Mm<, for home menu ⬚ (setting)
setting

Select [Keyboard] from and press 決定

Step2 Use Mm to select [Type] and press .

Step3 Use Mm to select the keyboard type and press .

Item list

English Keyboard

Select when an English keyboard is connected.

japanese keyboard

Select when a Japanese keyboard is connected.

Setting character input start time when key is pressed and held

When you press and hold a key on the keyboard, characters are entered repeatedly

Adjust the time until the

Step 1 Mm<, for home menu ⬚ (setting)
setting

Select [Keyboard] from and press 決定

Step2 Use Mm to select [Repeat Start Time] and press .

vinegar.

Step3 Use Mm to select a setting and press .

item list

short

Press and hold the key to quickly enter the same character.

It's a

standard setting.

long

Even if you press and hold the key, there will be a short delay before the same character is entered continuously. Even if you press and hold by mistake, you can prevent the same character from being entered continuously.

Setting the Character Input Speed When Pressing and Holding a Key

Set the input speed for characters that are entered when you press and hold the key.

increase.

Step 1 Mm<, for home menu ⬚ (setting)
setting

Select [Keyboard] from and press 決定

Step2 Use Mm to select [Key repeat speed] and press 決定

push.

Step3 Use Mm to select a setting and press .

Item list

Slow

input speed slows down.

standard

This is the standard setting.

Faster

typing speed makes it faster.

Operation explanation of functions added in Ver.1.10

Setting character input

Character input when entering characters with a keyboard connected via USB set method.

Setting the Japanese input method

There are two types of input methods: "Romaji input" and "Kana input".

Step 1 Mm<, for home menu   (setting)
Select [Character input settings] from , and press .

Step2 Use Mm to select [Japanese Input] and press .

Step3 Use Mm to select the input method and press .

Item list

romaji input

Enter Japanese in romaji using the alphabet keys.

Kana input

Enter Japanese using the Kana key.

set key bindings

Set the Japanese conversion method. This unit has two settings.

So choose the setting that is easy for you to use.

Step 1 Mm<, for home menu   (setting)
Select [Character input settings] from , and press .

Step2 Use Mm to select [Key Bind] and press 決定

Step3 Use Mm to select a setting and press .

others

How to save files to CD-R

Music (MP3), photo, and video files that can be played on this unit are as follows.
Only CD-R saved by the method below. otherwise
stored files cannot be played.

Creating and saving folders and files
Create a folder directly under (root) of the CD-R, and
Store music, photos, and video files inside.

CD-R   1st layer (immediately below CD-R) 2nd layer

folder

File

Precautions when creating and saving folders and files

• Files written directly under the CD-R (root) are not recognized by this unit.
   (Fig. 1 below).

• Do not create folders within folders (2 below).

CD-R 1st layer (immediately below CD-R) 2nd layer 3rd layer

folder

File
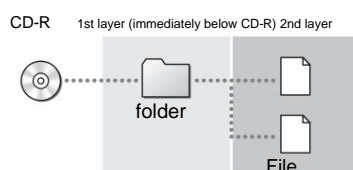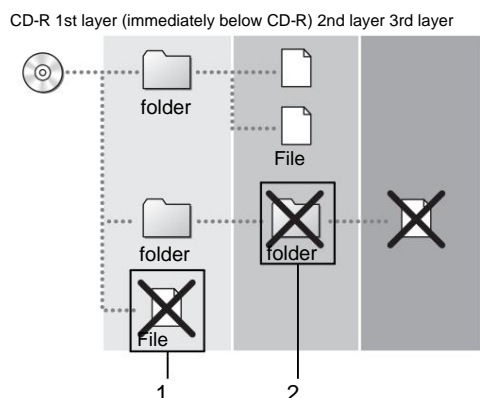
folder

folder

File

1   2

• Do not create more than 40 folders on one CD-R.

   stomach.

• Store more than 100 MP3 files in one folder.
   please don't

• More than 201 photo and video files in one folder
   Please do not put it in.

Precautions when naming folders and files

• Set the file name within 64 characters.

Do not use single-byte characters such as "<", ">", "|", """, "/", "\", "*", ":", "?", "¥", ",".
   Do not use

• File names and folder names may not be displayed correctly
   if they do not conform to ISO9660 Level 1, Level 2, Extended
   Format (Joliet).

• When naming the file, add an extension at the end of the file
   that matches the contents of the file. File extensions should
   be either ".JPG", ".GIF", ".MPG", ".TIF" or ".mp3".

• ".JPG" for JPEG image files, ".TIF" for TIFF image files ,
   ".GIF" for GIF image files, and ".GIF" for MPEG1 video
   files. .MPG " . If you play a file whose extension and file
   contents do not match, the operation of this unit will become
   unstable.

• If you add the extension ".mp3" to a file other than MP3
   format, the file may be played back, which may cause noise
   or malfunction.

• ID3 tags are only compatible with Version 1.0.

• Track names in MP3 files on a CD-R will refer to ID3 tag
   information if there is an ID3 tag, but the number of characters
   is limited.

• The track names of MP3 files imported to the HDD are
   display the file name, but the number of characters is limited.

Precautions when writing to a CD-R on a computer

• Be sure to use a CD-R.

• Be sure to write with "Disc at once".

• Do not write to a CD-R that has already been written.

• Depending on the state of the disc, it may not be playable.

• Discs recorded in multisession cannot be played.

• CD-RW is not supported.

• Packet writing is not supported.

others

Formats supported by this unit

CD-R file system	Character limit for folder and file names
ISO9660 Level 1	8.3 Format
ISO9660 Level 2	Maximum 31 characters (including extension)
extended format (Joliet only)	Maximum 64 characters (including extension)

* Folders are only supported up to one level.

Audio standards for writing to CD-Rs supported by this unit

item	Supports MPEG1 Audio Layer3	MPEG2 Audio Layer3
write mode	Mode 1, Mode 2 (Form1) 48kHz, 44.1kHz,	
Compression method (sampling rate)	32kHz 32k ~ 320kbps, VBR also possible*	24kHz, 22.05kHz , 16kHz 8k to
Bitrate Number	99 (per folder)	160kbps, VBR also possible*
of files		
Number of albums (folders)	39	
Album (folder) hierarchy	1	
multi session	incompatible	
m3u playlist	incompatible	
mp3PRO format	incompatible	

* For VBR, the playback elapsed time display may differ from the actual time.

Discs that can be dubbed with video

Disc type Disc name		DVD-R	DVD-RW		DVD+RW	
logo		DVD R R4.7	DVD R W		RW DVD+ReWritable	
mode		Video mode	VR mode	Video mode	+ VR mode	
Display DVD-Video on this unit		DVD-Video	DVD-VR	DVD-Video	DVD+VR	
Maximum recording time		about 6 hours				
Compatibility with other devices		•ÿ•ÿ Playable on DVD players	Playable only on devices that support VR mode	Playable on DVD players	Playable only on devices that support +RW	
Number of times that can be dubbed		only once	Any number of times possible by initializing		Possible any number of times by initializing	
Notes after dubbing		✕•✕•				See page 23 for details
Create DVD menu		•✕••				See page 25 for details
Create playlist		✕•✕✕ •*2 •*2 •*2 •*2 •*2 •*2 Main audio + Sub audio				See page 28 for details
Dubbing of bilingual broadcasting	main audio only	ÿ*1	•*2			See page 28 for details
	secondary audio only		•*2			
			ÿ*3	ÿ*1	ÿ*1	

*1 Recorded with the audio selected in the "DVD dual language recording audio" setting.

*2 Only the audio of the HDD bilingual recording audio set at the time of recording is dubbed.

*3 Both main and sub-audio are dubbed, and can be switched between main and sub-audio during playback.

others

How to save still pictures and video files to a "Memory Stick"

I want to display photos and videos saved on a "Memory Stick"

You can save photos and videos in the following format (DCF* format) to "Memory

Please save to "tick".

If it is not saved in DCF format, it cannot be played back on this unit.

I can't Some Sony digital still cameras "Cyber

Some models cannot save in DCF format in "Shot".

In this case, move or copy to a DCF format folder on your computer

Then you can play it on this unit.

* Abbreviation for "Design rule for Camera File system", Japan Electronics and Information Technology Industries Association
    It is a unified standard established by (JEITA).

About where to save the file As

shown in the figure below, save the image file in the 3rd layer.

(Figure 3 below)

"Memory Stick" — 1st layer (immediately under "Memory Stick") 2nd layer 3rd layer — "DCIM" 1 — "101MSDCF" 2 — image file 3
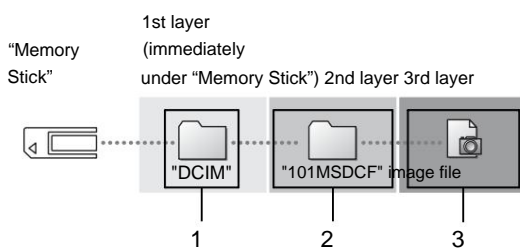
• Create a folder in the first layer directly under the "Memory Stick" (root) . (Figure 1 above)

• Make sure to create the second level folder (folder for saving photos and videos) directly under the "DCIM" folder. (Figure 2 above)

How to name files and folders

• Be sure to name the first-level folder "DCIM" in single-byte capital letters. Please put the front on.

• The folder name of the 2nd layer is 3 single-byte alphanumeric characters + single-byte alpha.

    Bet 5 characters, total 8 characters.

    Example) "101MSDCF"

• The file name, excluding the extension, must be 8 characters (4 single-byte alphanumeric characters + 4 single-byte numeric characters). Please add one of ``.JPG'', ``.GIF'', ``.MPG'' and ``.TIF'' as the extension according to the contents of the file . If you play a file whose extension and file contents do not match, the operation of this unit will become unstable.

    Example) "MOV00399.MPG"

        "DSC00001.JPG"

        "DSC00002.TIF"

        "CLP00003.GIF"

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We may notify you of the contact information for defined in this section.

Sony

shall determine in its sole discretion. In addition, such correction or

, even for software that has undergone version upgrades,

Unless otherwise specified, the provisions of this Agreement shall apply.

2. Sony shall not, in connection with the Licensed Software,

We do not guarantee that we do not infringe the intellectual property rights of third parties.

There is none.

3. Sony shall not exercise the rights of use granted by you under this Agreement.

Regarding damage caused to the customer or a third party by using

We do not assume any liability.

4.Sony shall not provide any

We do not guarantee the start or continuation of the service.

5. SONY'S LIABILITY TO YOU FOR DAMAGES SHALL BE LIABLE UNDER NO CIRCUMSTANCES

Even if there is, the purchase price of this product certified by the customer shall be the upper limit.

6. The licensed software includes software called "PlayStation®

BB Navigator" for accessing "PlayStation® BB", but when using

various services on "PlayStation® BB" separately from the service

provider or copyright holder,

Agree to the terms of use or enter into a license agreement

Please note that it may be necessary.

First of all , please read the terms of use in the "PlayStation®BB"

info.

others

Article 6 (Cancellation of contract)

1. If you violate any provision of this Agreement, Sony will

You may cancel this Agreement immediately. customer

breaches any provision of this Agreement and Sony may terminate this Agreement for you.

If you send us a contract notice, you

This Agreement will terminate on the date Sony becomes aware of the violation.

(hereinafter referred to as the contract end date).

2. If this Agreement is terminated pursuant to the provisions of the preceding paragraph, the customer shall

You shall stop using the Licensed Software within two weeks from the expiration date .

increase. In addition, if requested by Sony, the customer may

to remove the licensed software from this product.

It shall be sent to the specified location, and Sony will promptly delete it.

The Product shall be returned to the customer on

Article 7 (Others)

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Licensed software is exported outside the United States from Loop's servers and exported to Japan.

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It does not change your rights to any disadvantage.

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• TIFF Software

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• libjpeg

This Software is based in part on the work of the

Independent JPEG Group.
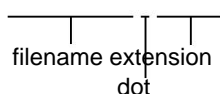
• libgif

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Glossary

write mode

This is the standard for recording CD-ROMs.

extension

A string representing the file type. of MP3 files

In this case, put a "." after the file name and add the extension "mp3" . Example) ongaku.mp3

filename extension
dot

clip motion

One of the GIF format images that Cyber-shot can handle. one
Combine multiple GIF format images in a file and flip
You can display moving images like cartoons.

packet light

When writing data to a CD-R, the data are called packets.

This is a recording method that divides and writes into units that can be

bit rate

It is an index that expresses how much information is available in one second. large number
The higher the sound quality, the higher the amount of information per unit time.
becomes.

multi session

How to write multiple sessions on one CD-R. Truck
CD-Rs written with Quat Once etc. are multi-session
will be

CD-R

A standard for writable CDs. This unit cannot write to a CD-R.
Only photo and music file import is supported.

DCF

Abbreviation for Design rule for Camera File system . An image format for digital cameras.

Disc at once

This is one method of writing to a CD-R. all data to 1
How to write in degrees. This unit uses this method to write
Only CD-R can be played.

DVD+RW [D-Vid-Plus R-W]

A standard for rewritable DVDs. Compared to DVD-RW,
High compatibility with DVD-ROM.

GIF

It is one of the image file formats. From Ver.1.20 on this unit,
Images in GIF format can now be played back and imported.

ID3 tag [ID3 tag]

Add information such as titles and artist names to MP3 files.
It is a standard for adding

ISO9660 [ISO9660]

A standard for the logical file format of CD-ROMs.

Joliet

A standard for the logical file format of CD-ROMs.

MPEG1 [Empeg 1]

One of the video data compression methods. With VHS video quality,
You can play videos.

MPEG1 Audio Layer3

An audio compression method used in MP3, standardized in MPEG1.
Audio standard.

MPEG2 Audio Layer3

An audio compression method used in MP3, standardized in MPEG2.
Audio standard.

MP3 [MP3]

A music format standardized by MPEG

Voice compression standard. Despite the high compression ratio, the treble is close to that of a CD
quality can be maintained. Created on a computer, etc., on this unit
Play MP3 files or save to hard disk
can.

mp3PRO [MP3 Pro]

An original extension standard for MP3.

m3u

It is one of the play list file formats.

others

"PlayStation BB" [PlayStation BB] Always connected to a broadband network

 A platform for a wide range of broadband network services that allows you to connect your PlayStation 2 to your home TV and enjoy it form.

TIFF

It is one of the image file formats. This unit can be used with a digital camera. You can play saved TIFF files or save them to the hard disk. you can enter.

VBR

Automatically adjusts the amount of data in a song and saves files without degrading sound quality. This is a function that keeps the size to a minimum.

8.3 Format

 A standard that defines the format of file names. For 8.3 format, file The file name must be 8 characters or less, and the extension must be 3 characters or less. set.

alphabet

PSXC-00203

Contact information for updates

"PSX" upgrade desk Phone number:

0120-252-645 (toll-free) Reception hours: Monday-

Friday 9 :00-20: 00 Saturdays, Sundays, and holidays 9 :00-17: 00

You can also find information about updates on the "PSX" website.

http://www.sony.co.jp/PSX/

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