SONY_®

DVD Home Theatre System

Operating Instructions

Bluetooth HOM

DAV-DZ350/DAV-DZ650/DAV-DZ950

Playable Discs Note on playback operations of a DVD Some playback operations of a DVD may be DVD DVD-VIDEO DVD-ROM DVD-R/DVD-RW DVD+R/DVD+RW available CD CD-DA (Music CD) CD-ROM CD-R/CD-RW VIDEO CD switch Super VCD A CD or DVD will not play if it has not been correctly finalized. For more information, refer to the operating instructions supplied with the recording device. Discs that cannot be played Blu-ray Discs HD DVDs multisession disc. • DVD-RAMs • DVD Audio discs • PHOTO CDs • Super Audio CDs Data track of CD-Extras • Audio material side on DualDiscs • DVD-R/DVD-RW/DVD+R/DVD+RW in VR (Video Recording) mode • CPRM (Content Protection for Recordable Media)-compatible DVD-R/RW containing content flagged as "Copy once." Notes on discs This product is designed to playback discs that conform to the Compact Disc (CD) standard. DualDiscs and some music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard. Therefore, these discs may not be compatible with this product.

To reduce the risk of fire or electric shock, do not expose this appliance to dripping o splashing, and do not place objects filled with liquids, such as vases, on the appliance. To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles). As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately. Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

sunshine and fire.

CAUTION

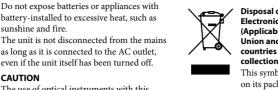
CE

GB

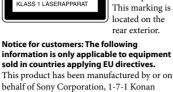
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WARNING

4-465-268-11(2)



product will increase eye hazard. This appliance classified as a CLASS 1 SS 1 LASER PRODUC KAN 1 LASERLAITE LASER product



Playable Types of Files

Extensions

Extensions

".wma"

".m4a"

Extensions

".jpg," ".jpeg," ".jpe"

".avi"

".mp4," ".m4v"

Video

Music

File format

Xvid Video

File format

Layer 3)23

WMA³⁾

AAC⁴⁾

Photo

JPEG

Note

condition.

File format

MP3 (MPEG1 Audio ".mp3"

1) AVC is not compatible.

not supported.

MP3PRO format is not compatible

3) WMA DRM, WMA Lossless or WMA

4) AAC DRM and AAC Lossless formats are

• Some files may not play depending on the

• Some USB devices may not work with this

The system supports UDF (Universal Disk

• The system supports FAT12, FAT16, and

• The system can recognize the following files

or folders in DATA DVD, DATA CD and

• The system supports ISO 9660 Level 1/

Level 2, or Joliet in DATA CD.

Format) in DATA DVD.

FAT32 in USB device.

USB device: - up to 300 folders

format, the encoding, or recording

PRO format are not compatible.

MPEG4 Video1

Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony

intentionally restricted by software producers. Since this system plays a DVD according to the disc contents the software producers designed, some playback features may not be Note about double-layer DVDs The playback picture and sound may be momentarily interrupted when the layers Region code (DVD VIDEO only) Your system has a region code printed on the rear of the unit and will only play a DVD VIDEO (playback only) labeled with an identical region code or 🌰 Note about Multi Session CD You can play only the first session of a

Insert the speaker cords to match the color of the SPEAKERS terminals of the unit.

Do not use any speakers other than those supplied with this system.

Connecting the Speakers

Cautior

— up to 648 files

guarantee matters, please refer to the addresses provided in the separate service or guarantee documents 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 meters.

> Hereby, Sony Corp., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For details, please access the following URL: http://www.compliance.sony.de

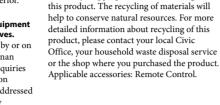
Deutschland GmbH, Hedelfinger Strasse 61,

70327 Stuttgart, Germany. For any service or

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other Europea countries with separate

as long as it is connected to the AC outlet, even if the unit itself has been turned off. The use of optical instruments with this

> waste. Instead it shall be handed over to the electrical and electronic equipment. By you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of



following cases:

It may take time to read files in the

- there are many folders or files.

that you are using is very large.

are using is fragmented

- the memory capacity of the USB device

- the memory of the USB device that you

ollection systems This symbol on the product of on its packaging indicates that this product shall not be treated as household applicable collection point for the recycling of ensuring this product is disposed of correctly, For more detailed information about recycling of this product or battery, please contact your local Civic Office, your

Disposal of waste batterie Trademarks (applicable in the European This system incorporates with Dolby* Digital Union and other Europea and Dolby Pro Logic adaptive matrix countries with separate collection system: surround decoders This symbol on the battery or on the packaging indicates that

Pb the battery provided with this product shall not be treated as household On certain batteries this symbol might be used in combination with a chemical symbol

Europe Only

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The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environmen and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by "BRAVIA" is a trademark of Sony qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

Manufactured under license from Dolby Laboratories Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories. This system incorporates High-Definition Multimedia Interface (HDMI™) technology. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries

is a trademark of DVD Format/Logo Licensing Corporation.

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Corporation. MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and

Windows Media is either a registered trademark or trademark of Microsof intellectual property rights of Microsoft ABOUT MPEG-4 VISUAL: THIS PRODUCT Bluetooth wireless IS LICENSED UNDER THE MPEG-4 technology VISUAL PATENT PORTFOLIO LICENSE

FOR THE PERSONAL AND Bluetooth wireless technology is a short-range NONCOMMERCIAL USE OF A wireless technology linking digital devices, CONSUMER FOR DECODING VIDEO IN such as personal computers and digital COMPLIANCE WITH THE MPEG-4 cameras. Using the Bluetooth wireless VISUAL STANDARD ("MPEG-4 VIDEO") technology, you can operate the units THAT WAS ENCODED BY A CONSUMER involved within a range of about 10 meters ENGAGED IN A PERSONAL AND The Bluetooth wireless technology is NONCOMMERCIAL ACTIVITY AND/OR commonly used between two devices, but a WAS OBTAINED FROM A VIDEO single device can be connected to multiple PROVIDER LICENSED BY MPEG LA TO devices. PROVIDE MPEG-4 VIDEO You do not need wires to get connected as you NO LICENSE IS GRANTED OR SHALL BE do with a USB connection, and you do not IMPLIED FOR ANY OTHER USE. need to place the devices face to face as you ADDITIONAL INFORMATION do with wireless infrared technology INCLUDING THAT RELATING TO PROMOTIONAL, INTERNAL AND

You can use the technology with one Bluetooth device in your bag or pocket COMMERCIAL USES AND LICENSING Bluetooth wireless technology is a global MAY BE OBTAINED FROM MPEG LA. standard supported by thousands of LLC. SEE http://www.mpegla.com/ companies. These companies produce

(Enhanced Data Rate)

Profile)

Note

Supported Bluetooth profiles

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio Video Remote Control

products that meet the global standard The Bluetooth* word mark and logos are Supported Bluetooth version and registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sony profiles Corporation is under license. Other Profile refers to a standard set of capabilities trademarks and trade names are those of their for various Bluetooth product capabilities.

respective owners. This system supports the following Bluetooth All other trademarks are trademarks of their version and profiles respective owners. Supported Bluetooth version Bluetooth Standard version 2.1 + EDR

About these Operating Instructions

"DVD" may be used as a general term for a DVD VIDEO, DVD+RW/DVD+R, and DVD-RW/DVD-R.

The system enters standby mode automatically.

• For you to use the *Bluetooth* function, the Bluetooth device to be connected must When the system is in pause, stop, open, or no disc mode, the system will enter standby support the same profile as this system. mode automatically after 20 minutes. Even if the device supports the same profile, the functions may differ because of the

specifications of the Bluetooth device. · The audio playback on this system may be delayed from that on the Bluetooth device because of the characteristics of the Bluetooth wireless technology.

Effective communication range Bluetooth devices should be used within approximately 10 meters (unobstructed distance) of each other. The effective communication range may become shorter under the following conditions. When a person, metal object, wall or other obstruction is between the devices with a

Bluetooth connection • Locations where a wireless LAN is installed · Around microwave ovens that are in use • Locations where other electromagnetic waves occur

Effects of other devices

Bluetooth devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4 GHz). When using your Bluetooth device near a device with wireless LAN capability, electromagnetic interference may occur. This could result in lower data transfer rates. noise, or inability to connect. If this happens, try the following remedies: • Try connecting this system and *Bluetooth* mobile phone or Bluetooth device when you are at least 10 meters away from the wireless LAN equipment. • Turn off the power to the wireless LAN equipment when using your Bluetooth device within 10 meters

Effects on other devices

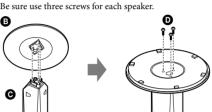
The radio waves broadcast by this system may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this system, Bluetooth mobile phone and

Assembling the tall-type speakers (DAV-DZ650/DAV-

DZ950 only)

Spread a cloth on the floor to avoid damaging the floor when you assemble the speakers. • The upper part of the front speakers can be directly wall mounted (the lower parts are not used). In this case, the below assembly is not required.

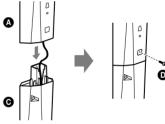
1 Place the base (③) on the lower part of the speaker (④), and secure it with three screws (D).



2 Thread the speaker cord of the upper part of the speaker ((a)) into the top of the ower part of the speaker ($m{\Theta}$), then pull the speaker cord from below the base ($m{\Theta}$).



3 Place the upper part of the speaker (③) onto the lower part of the speaker (④) while gently pulling the speaker cord from below the base. Then secure the upper and lower parts of the speaker with a screw (D).



*1 Supplied only in certain areas. This is the

basic connection via video cord (vellow).

quality will be improved compared to a

Supplied only in certain areas. Picture

video cord.

When Installing the

2 Fasten the screws to the wall, then hang the speaker on the wall.

Depth of fastened screw

Caution

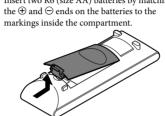
Connecting your TV

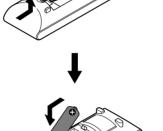
Depending on the jacks on your TV or set-top box, select the video and audio connection method.

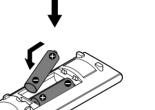
When connecting to a TV only

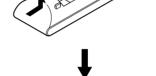
When connecting a TV and set-top box/PlayStation®3 The TV has OPTICAL OUT or AUDIO OUT jacks: The TV does not have OPTICAL OUT and AUDIO OUT

Preparing the remote control Insert two R6 (size AA) batteries by matching the \oplus and \ominus ends on the batteries to the







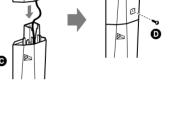






G





Speakers on a Wall

• Contact a screw shop or installer for

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Bluetooth device in the following locations

• In hospitals, on trains, in airplanes, at gas

stations, and any place where flammable

• This system supports security functions

as a means of ensuring security during

that comply with the Bluetooth specification

communication using Bluetooth technology.

However, this security may be insufficient

factors, so always be careful when

depending on the setting contents and other

performing communication using Bluetooth

• Sony cannot be held liable in any way for

information leaks during communication

Bluetooth communication is not necessarily

guaranteed with all Bluetooth devices that

have the same profile as this system.

Bluetooth devices connected with this

system must comply with the Bluetooth

specification prescribed by the Bluetooth

SIG, Inc., and must be certified to comply.

the Bluetooth specification, there may be

specifications of the *Bluetooth* device make

it impossible to connect, or may result in

Noise may occur or the audio may cut off

Remove any slack of the speaker cord

in the speaker by gently pulling it

from below the base (B).

B

different control methods, display or

depending on the Bluetooth device

connected with this system, the

surrounding conditions.

communications environment, or

cases where the characteristics or

However, even when a device complies with

damages or other loss resulting from

using Bluetooth technology.

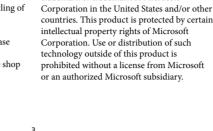
Near automatic doors or fire alarm

gasses may be present

Note

technology.

operation.



Remote commander

For DAV-DZ650

For DAV-DZ950

63

* High Speed HDMI cable and video cord are included only in certain areas

• High Speed HDMI cable* (1)

8

• FM wire antenna (aerial) (1) • R6 (size AA) batteries (2)

63

• Speaker assembly parts for the tall speakers

Speaker assembly parts for the tall speakers

(remote) (1)

household waste disposal service or the shop where you purchased the product.

Unpacking

• Main unit (1)

Speaker packages

0001

• DAV-DZ350

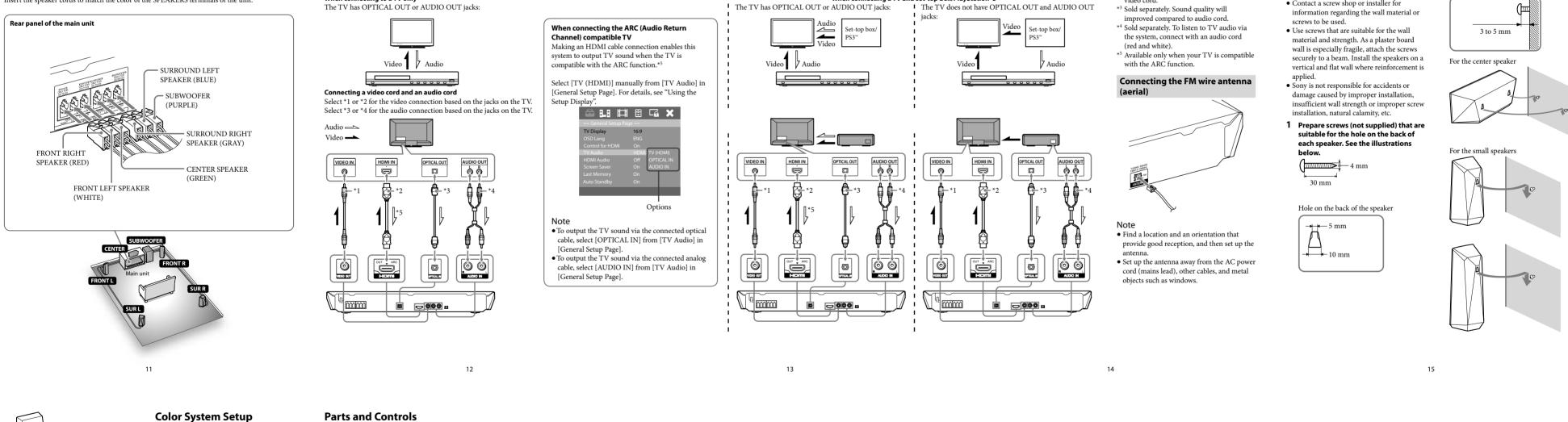
• DAV-DZ650

• DAV-DZ950

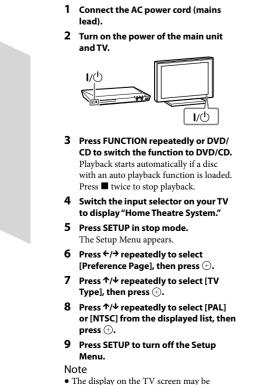
• Video cord* (1)

Operating Instructions

Checking the supplied item



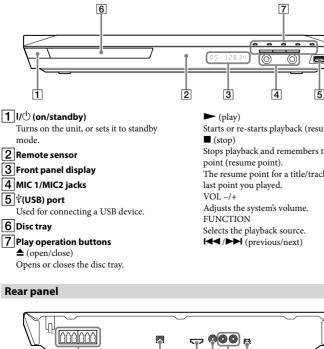
Color System Setup



interrupted momentarily after changing the

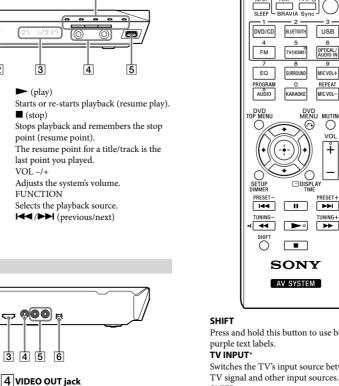
color system as described above

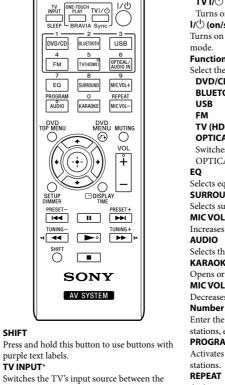
Front panel



1 SPEAKERS terminals 2 OPTICAL IN jack 5 AUDIO IN jacks 3 HDMI OUT jack 6 FM ANTENNA jack

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Remote control

SLEEP

Sets the sleep timer.

TV I/() (on/standby)* Turns on the TV or sets it to standby mode I/() (on/standby) Turns on the system or sets it to standby Function selection buttons Select the playback source. DVD/CD BLUETOOTH USB FM TV (HDMI) **OPTICAL/AUDIO IN** Switches the sound source between OPTICAL IN and AUDIO IN. Selects equalizer mode. SURROUND Selects surround audio output mode. MIC VOL + Increases the microphone volume. AUDIO Selects the audio format/track and FM mode KARAOKE Opens or closes the Karaoke Setup menu MIC VOL -Decreases the microphone volume. Number buttons Enter the title/chapter numbers, preset radio stations, etc PROGRAM Activates program play and presets radio stations

BRAVIA Sync

ONE-TOUCH PLAY

Activates One-Touch Play

TUNING +/-Activates repeat/shuffle playback mode. Opens the DVD's Top Menu

∂ DVD MENU Opens or closes the DVD's menu. MUTING Turns off the sound temporarily. (+/+/+)Moves the highlight to a displayed item. (+) (ENTER) Enters the selected item VOL +/-Adjusts the volume. SETUP Opens or closes the setup menu. DIMMER Switches the brightness of the front panel display between DIM OFF and DIM ON. DISPLAY Opens or closes the Display Menu TIME

Switches time information during playback. **Playback operation buttons** (previous/next) ✓</>
→ (fast reverse/fast forward) ✓I/I► (slow) Activates slow reverse/slow forward when Is pressed in pause mode. (pause) (play)

(stop) Radio operation buttons PRESET +/-

Works with Sony TVs only. Depending on your TV, you may not be able to use some of the buttons

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DVD TOP MENU

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Playing a Disc

1 Press DVD/CD. You can also select this function by pressing FUNCTION repeatedly.

2 Press ≜ to open the disc tray.



With the label side up. 4 Press ► to start playback.

Enjoying Karaoke

08 00

The system enters karaoke mode.

2 Start audio playback following the

Files on a Disc/USB Device".

Press MIC VOL +/- to adjust the

the microphone volume to minimum

• Microphone sound is not output when:

- the microphone volume is set to

monaural dynamic type

— you use a microphone other than the

• Before connecting, press MIC VOL - to set

- the microphone is not connected to the

3 Sing along to the audio.

microphone volume.

unit properly.

minimum

Note

Steps in "Playing a Disc" or "Playing

1 Plug a microphone into the MIC jack.

5 Press VOL +/- to adjust the volume

3 Press ↑/↓ to select a folder, then press 🕀 and select a file. 4 Press ► to start playback.

Device

1 Press DVD/CD or USB.

2 Load the source.

For a disc

port.

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DVD/CD: For a disc.

• USB: For a USB device.

open/close the disc tray.

For a USB device

You can also select the function by

Connect a USB device to the Ψ (USB)

888

105

pressing FUNCTION repeatedly.

Note • Do not remove the USB device during operation. To avoid data corruption or

device.

To add an echo effect

The Karaoke Setup menu appears.

2 Press ↑/↓ to select [Echo Level] , then

3 Press \uparrow/\downarrow to change the echo level.

- Move the microphone away from the

- Lower the microphone volume or echo

Changing the key of a song (Key

You can change the key to suit your vocal

The Karaoke Setup menu appears.

Depending on the source, you may not be

• The key returns to the original when:

- the playback source is changed.

- a disc or a USB device is removed.

2 Press ↑/↓ to select [Key Control],

3 Press \uparrow/\downarrow to change the key.

range, except when the system is in stop

- Lower the overall volume.

To cancel the echo effect, select echo level

1 Press KARAOKE.

press 🕀

• If howling occurs:

speakers

level

Control)

1 Press KARAOKE.

then press \oplus .

able to change the key.

- the unit is turned off.

mode

Note

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Note

5 Press VOL +/- to adjust the volume.

USB device

damage to the USB device, turn the system off when connecting or removing the USB • Depending on the disc/USB device, files may not play back.

Playing Files on a Disc/USB Using the Bluetooth function You can listen to music from your *Bluetooth* mobile phone or Bluetooth device over a wireless connection. This system supports the Bluetooth A2DP and AVRCP profiles. For details on Bluetooth wireless technology, see "Bluetooth wireless technology". About the indicator for Bluetooth Place a disc on the tray by pressing **\Lap** to The blue indicator on the front panel display, lights or flashes to show the Bluetooth status. System status The system is pairing/ waiting

The system is connecting Flashes slowly. with a Bluetooth device The system has established Lights up. in connection with a Bluetooth device The system is not in the Turns off. Bluetooth mode Note · For details on operation of the connected devices, refer to the operating instructions supplied with the devices. • The *Bluetooth* devices to be connected must support A2DP (Advanced Audio Distribution Profile).

About pairing

the system.

Using a Tuner

1 Press FM.

PROGRAM.

frequency.

1 Press FM.

numbei

Press AUDIO.

To preset radio stations

tune in any of those stations simply by

2 Press and hold TUNING +/- for 2

the desired radio station.

You can preset 20 FM stations. You can then

selecting the corresponding preset number.

seconds to start tuning until you find

"SEARCH +" or "SEARCH -" appears in

station with sufficient signal strength is

"P 01" flashes in the front panel display.

4 Press and hold SHIFT, then press the

To select a preset radio station

2 Press PRESET +/- to select a preset

pressing and holding SHIFT, then

If an FM program is noisy, you can select

monaural reception. There will be no stereo

pressing the number buttons.

effect, but reception will improve.

"STEREO": Stereo reception.

"MONO": Monaural reception

You can also select a preset number by

number buttons to select a preset

the front panel display until a radio

3 Press and hold SHIFT, then press

5 Press 🕀 to store the station

Pairing is an operation where Bluetooth

beforehand. Use the procedure below to pair

the system with your Bluetooth device. Once

a pairing operation is performed, it does not

· Pairing information is deleted by repairing

is to be repeated in the cases listed below

have to be performed again. However, pairing

devices are registered with each other

• The connection history with this system is deleted on the connected device. The system is reset to its default status Pairing this system with a Bluetooth device

Pairing is performed as described below. Place the system and a Bluetooth Indicator device within 1 meter of each other. Flashes quickly. 2 Press BLUETOOTH "BT READY" appears in the front panel display.

Set the Bluetooth device in pairing 3 For details on setting the Bluetooth device

new information.

· This system can be paired with up to eight

devices. If a further device is paired, the

pairing information of the device with the

oldest connection date is overwritten with

in pairing mode, refer to the operating instructions supplied with the device. Select "SONY DVD HOME THEATRE SYSTEM" on the Bluetooth device

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display. On some Bluetooth devices, the list may not be displayed. If a Passkey is requested, enter "0000". Perform this step within 5 minutes,

otherwise pairing will be canceled. 5 Once pairing is completed, the device is automatically connected to the

Convenient Functions

About the Control for HDMI

You can control a TV compatible with the

Control for HDMI function by connecting it

With one touch of ONE-TOUCH PLAY on

input is switched to the system; playback of

When you turn the TV off by using the I/\odot

outton on the TV's remote control or TV

 I/\odot on the system's remote control, the

You can switch the audio output to either

the TV speakers or this system's speakers

You can set the system to turn off at a preset

time, so you can fall asleep listening to music

Press and hold SHIFT, then press SLEEP.

Each time you press this button, the minute

display (the remaining time) changes by 10

A countdown of the last 20 seconds until the

unit turns off appears in the front panel

Press and hold SHIFT and SLEEP for 3

On cleaning discs, disc/lens cleaners

• Do not use cleaning discs or disc/lens

seconds. The remaining time until the unit

turns off appears in the front panel display.

To check the remaining time

system turns off automatically.

the remote control, the system and your

TV automatically turn on and the TV's

function ("BRAVIA" Sync)

to the system via an HDMI cable.

a disc starts automatically.

• System Power Off

System Audio Control

via the TV's menu.

Sleep timer

display.

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Available features

· One-Touch Play

system. When the Bluetooth connection is made correctly, the indicator of the front panel display lights and the pairing information is stored in the system.

• Use a Bluetooth device such as Bluetooth mobile phone in an easily visible place in the same room where the main unit is placed. • If Wi-Fi equipment is used, Bluetooth communication may become unstable. In that case, use the Bluetooth device as close

as possible to the main unit. Sound may be interrupted because of a problem with the Bluetooth device. • "Passkey" may be called "Passcode," "PIN code," "PIN number" or "Password," etc., depending on the device. • The pairing standby status of the system is canceled after about 5 minutes and the indicator on the front panel display turns

off. If pairing is not successful, repeat the procedure from step 1. Listening to music with the

established.

panel display

disc

or track.

repeatedly.

panel display

To cancel the sleep timer function

Press and hold SHIFT, then press SLEEP

repeatedly until "OFF" appears in the front

To view information about the

remaining time of the current title, chapter,

Each time you press and hold SHIFT, then

press TIME while playing the disc, the

displayed item changes depending on the

To change the Brightness of the

You can change the brightness of the front

Press and hold SHIFT, then press DIMMER

Front Panel Display

You can check the playing time and

Press and hold SHIFT, then press TIME

Bluetooth connection The system supports SCMS-T content

protection. You can listen to a Bluetooth device that supports SCMS-T content Before starting music playback, check the

following • The Bluetooth function on the Bluetooth device is on.

• The pairing procedure is completed on both this system and Bluetooth device. **1** Press BLUETOOTH. "BT AUDIO" appears in the front panel

display. device. 2 Start the *Bluetooth* connection from the Bluetooth device. The indicator of front panel display lights

3 Start playback on the Bluetooth device. 4 Adjust the volume.

> Set the volume of the Bluetooth device to a moderate level and press the VOL +/buttons on the remote control. Tip When you press >> on the remote control

in step 2, the Bluetooth connection will be made with the device that was connected last time. Note • If the source device has a bass boost function or equalizer function, turn them off. If these functions are on, sound may be distorted. • In the following cases, you will have to make the Bluetooth connection again. The power of the unit does not turn on. The power of the Bluetooth device does not turn on, or the Bluetooth function is off.

The *Bluetooth* connection is not established. • If more than one device paired with the unit is being played back, sound will be heard from just one of those devices. Finishing the Bluetooth connection

the operations listed below. • Operate the *Bluetooth* device to terminate the connection. For details, refer to the operating instructions supplied with the

• Turn off the *Bluetooth* device. • Turn off the system. • Select any function except "BT AUDIO" when the Bluetooth connection is

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Terminate the Bluetooth connection by any of

speakers. To play a VIDEO CD with PBC functions When you start playing a VIDEO CD with for your selection appears. To play without using PBC In stop mode, press and hold SHIFT, then

the language.

VIDEOs only.)

DVD VIDEOs only.)

To change angles When playing a DVD/VCD Press 🖱 DISPLAY during playback to select 1 Press 🗂 DISPLAY during play. the desired angle. (This applies to DVD The Display Menu appears on the TV 2 Press ↑/↓ to select an option, then To display subtitles Press 💬 DISPLAY during playback to select press (+). 3 Press and hold SHIFT, then press the the desired subtitle language. (This applies to number buttons to jump to the desired option. To change the sound When playing a CD 1 Press 🖱 DISPLAY during play. Press AUDIO repeatedly during playback to select the desired audio signal. The selection display appears on the TV - When the system is playing a DVD screen. VIDEO recorded in multiple audio 2 Press and hold SHIFT, then press the formats (PCM, Dolby Digital, or MPEG number buttons to select the desired audio), you can change the audio format. I track. the DVD VIDEO is recorded with multilingual tracks, you can also change

To search for a title/chapter/

track/scene, etc.

When playing a video/music/photo file 1 Press DISPLAY during play. - With a VIDEO CD or CD, you can select The selection display appears on the TV the sound from the right or left channel screen. and listen to the sound of the selected 2 Press and hold SHIFT, then press the

channel through both the right and left number buttons to select the desired number. To play in programmed order

Select the tracks to play in the order you want (only for CDs). PBC (Playback control) functions, the menu 1 Press and hold SHIFT, then press

Other Playback Operations

press the number buttons to select the track 2 Press and hold SHIFT, then press the number you want.

[4:3 Letter Box]: Displays a wide picture with

[4:3 Pan Scan]: Displays a full-height picture

on the entire screen, with trimmed sides

[OSD Lang] (On-Screen Display)

TV screen.

cable

cable

[Off]: Off.

[TV Audio]

HDMI cable.

[TV(HDMI)]

[Control for HDMI]

You can switch the display language on the

This function is available when you connect

the system and a TV that is compatible with

the Control for HDMI function via an HDMI

black bands on the top and bottom

3 Press ←/↑/↓/→ to select [Start] to play the program. 24

The Program Menu display appears on

number buttons to select the desired

PROGRAM.

the TV screen.

track.

Note

[OPTICAL IN] The system can receive the digital audio • When the resume playback memory is full, signal of the TV via an optical cable. AUDIO IN] The system can receive the analog audio [Auto Standby] signal of the TV via an analog cable [On]: Enters standby mode automatically when in stop, pause, no disc, or eject mode • This function is available only when for more than 20 minutes

[HDMI Audio] automatically. This setting is only required if you are using the HDMI OUT jack for an audio connection

still enjoy sound output via the speaker audio output will be changed to PCM

[PCM]: HDMI audio output will be downmixed to linear PCM (2-channel)

do not operate the system for about 15

[On]: You can operate mutually between [Last Memory] components that are connected via an HDMI

This function is available when you connect the system and a TV that is compatible with the Control for HDMI function, via an

The system can receive the digital audio signal of the TV via an HDMI cable.

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[Control for HDMI] is set to [On]. [Off]: The unit does not enter standby mode

Speaker Setup Page [Level] [Off]: Turns off HDMI audio output. You can You can adjust the sound level of all the

[All]: The HDMI audio output format will be same as the audio stream being played. If the playback audio format is not supported, the

utomatically

[Off]: Off. This system recalls the point where you stopped the disc the last time it was played

next time you insert the same disc [On]: The system stores the resume points in [Off]: The system does not store the resume points in memory. Playback restarts at the

resume point only for the current disc in the

all speakers • "STANDARD" (A.F.D. STANDARD): The system discriminates the sound format of the source and presents sound as it was recorded/encoded "DOLBY PL" (PRO LOGIC): Performs Dolby Pro Logic decoding. • "2CH ST" (2CH STEREO): All formats are downmixed to 2 channels. Note • Depending on the playback stream, the surround settings may not be effective 25

To play repeatedly/shuffle, etc.

Press and hold SHIFT, then press REPEAT

• "REP CHP": Repeats the current chapter.

repeatedly to select the desired playback

mode. The selected mode appears in the

"REP TT": Repeats the current title.

• "REP TRK": Repeats the current track.

• "SHUFFLE": Plays the contents once in

"SHUF REP": Repeats shuffle play.

• "FOLDER": Plays the current folder

• "SINGLE": Plays the current file.

depending on the disc or file.

• "RANDOM": Plays all files in random

• "REP ONE": Repeats the current file.

• "REP FLD": Repeats the current folder.

• The selectable modes and their order differ

the resume playback point for the earliest

disc is deleted.

speakers and the subwoofer.

dB to +0.0 dB.

-6.0 dB to +6.0 dB.

-6.0 dB to +0.0 dB.

from -6.0 dB to +6.0 dB.

dB to +6.0 dB.

[Distance]

[L]: Adjusts the sound level of left speaker. It

is possible to adjust the parameter from -6.0

[C]: Adjusts the sound level of center speake

[R]: Adjusts the sound level of right speaker.

surround speaker. It is possible to adjust the

[SL]: Adjusts the sound level of left surround

speaker. It is possible to adjust the parameter

[SW]: Adjusts the sound level of subwoofer. It

is possible to adjust the parameter from -6.0

If you move one of the speakers, be sure to

set the parameters of the distance from the

[L/R]: Adjusts the distance of the left/right

• Press I/\bigcirc to turn off the system, and

- Are the + and - speaker cords short-

- Is anything blocking the ventilation

check the following items after

"STANDBY" disappears:

holes of the system?

listening position to speakers.

from 1.0 m to 7.0 m.

It is possible to adjust the parameter from

[SR]: Adjusts the sound level of right

parameter from -6.0 dB to +6.0 dB.

It is possible to adjust the parameter from

• "REP OFF": The system returns to normal

random order until all the contents have

• "REP ALL": Repeats all titles.

front panel display.

playback mode.

been played.

Note

[C]: Adjusts the distance of the center speaker. This parameter can be set between 1.6 m shorter and equal to the L/R channel

Selecting the Sound Effect

To select an equalizer setting

Press EQ to display the current mode. While

repeatedly until the desired mode appears on

the front panel display."AUTO": Automatically selects the movie

or music sound mode based on the disc

• "MOVIE": Enjoyable, powerful bass and

sound effects; recommended for movies

• "MUSIC": Well-balanced low and high

recommended for watching dramas or

• "GAME": Enhanced low and high range;

To select a surround setting

Press SURROUND to display the current

mode. While the current mode is displayed,

press SURROUND repeatedly to select the

desired surround audio output mode. The

selected mode appears in the front panel

• "MULTI" (A.F.D. MULTI): When the

source is 2 channel, sound is output from

recommended for action or shooting

range; recommended for music.

"TV": Clear, mid-range vocals;

comedies.

games, etc.

display

the current mode is displayed, press EQ

[SL/SR]: Adjusts the distance of the left/right surround speaker. This parameter can be se

between 5.0 m shorter and equal to the L/R channel setting. [Center Speaker] [On]: Activates the center speaker

Off]: Deactivates the center speaker [Sur. Speaker] [On]: Activates the surround speakers [Off]: Deactivates the surround speakers.

[Test Tone] The speakers will emit a test tone to set the Level

On]: The speakers emit the test tone [Off]: The speakers do not emit the test tone. Tip

• To adjust the volume of all speakers, press VOL +/- on the unit or on the remote

control. • Press $\leftarrow / \uparrow / \checkmark / \Rightarrow$ repeatedly to select the speaker and the desired level or distance.

[Audio DRC] You can compress the dynamic range of the sound track. [Off]: No compression of dynamic range. [Standard]: The system reproduces the sound track with the kind of dynamic range that the

recording engineer intended. [A/V Sync]

If sound does not match the picture, you can adjust the delay between picture and sound. [Off]: Off. picture and sound. speakers. It is possible to adjust the parameter

[On]: You can adjust the delay between the Note • Depending on the input stream, [A/V Sync] may not be effective

2 Press and hold SHIFT, then press the

1 Press and hold SHIFT, then press the

2 Press and hold SHIFT, then press the

3 Press and hold SHIFT, then press the

number buttons to enter a new 6-

digit password in the [New Password]

number buttons to enter the new 6-

digit password again in the [Confirm

PWD] section to confirm your entry.

[Old Password] section.

4 Press [OK] to exit the menu.

number buttons to enter "000000" or

your last set 6-digit password in the

password.

[Default]

[Password]

the password

number buttons to enter your 6-digit

Video Setup Page

[HDMI Resolution] You can select the type of video signal that is output from the HDMI OUT jack.

1 Press ↑/↓ to select a rating level from Precautions 1 to 8 or [Off], then press 🤆

cleaners (including wet or spray types). On placement These may cause the apparatus to • At high volume, over long periods of time, the cabinet becomes hot to the touch. This malfunction.

This system can only play back a standard circular disc. Using neither standard nor circular discs (e.g., card, heart, or star shape) may cause a malfunction Do not use a disc that has a commercially attached such as a label

On heat radiation

This is normal. Please consult your nearest

Sony dealer if you have any questions

or ring.

Troubleshooting

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help remedy the

Bluetooth

There is no sound. • Make sure this system is not too far from the Bluetooth device, or this system is not

connected securely

Picture

TV input jack.

input of the TV.

system.

• The system is not selected via the video

• Check the output method on your

Even though you set the aspect ratio in

• The aspect ratio on the disc is fixed

picture does not fill the TV screen.

[TV Display] of [General Setup Page], the

There is no picture. • The video connecting cords are not

"PROTECT" appears in the front pane display. • Connect all channels to their

correctly

circuited?

Operation

A JPEG image file cannot be played. • It is larger than 2,048 (width) \times 1,536 (height) in normal mode, or more than

A video file cannot be played.

720 (width) × 576 (height).

The name of a folder or file is not

displayed correctly.

playback.

function

• The video file resolution is larger than

• The system can only display numbers

and letters of the alphabet. Other

A disc does not start playing from the

During stop, press
and then start

• Program play has been selected. During

stop, press and then start playback.

• Shuffle play has been selected. During

stop, press \blacksquare and then start playback.

• Disconnect the AC power cord (mains

lead) from the wall outlet (mains), then

The system does not work normally.

reconnect after several minutes.

[General Setup Page] to [On].

with the component.

The Control for HDMI function does not

• Set the [Control for HDMI] setting in

Make sure that the connected compone

is compatible with the Control for HDMI

• Check the connected component's setting

to the operating instructions supplied

for the Control for HDMI function. Refer

characters are displayed as [_].

• Resume Play has been selected.

2,000,000 pixels in progressive format which is mainly used on Internet Web

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[Screen Saver] [On]: The screen saver image appears if you

and resumes playback from that point the

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General Setup Page

[TV Display] [16:9]: Select this when you connect a wide screen TV or a TV with a wide mode function

Using the Setup Display

Displayed items vary depending on the

Press DVD/CD, then eject the disc.

3 Press ←/→ to select one of the setup

menu categories, then press 🕀

4 Press ↑/↓ to select a setup item, then

5 Select the option you wish to change

to the previously selected item.

Selected category Setup categories

6 Press SETUP to turn off the menu

and press 🕀 to confirm and go back

The default setting is underlined.

The setup menu appears.

such as picture and sound.

country model.

2 Press SETUP.

press → or (+).

You can make various adjustments to items

Selected setting Options

signal for the connected TV [480p/576p]: The system outputs $720 \times 480p$ or $720 \times 576p^*$ video signals. [720p]: The system outputs 1280 × 720p* video signals [1080i]: The system outputs $1920\times 1080i^{*}$ video signals [1080p]: The system outputs $1920 \times 1080p^*$ video signals. * i: interlace, p: progressive

Preference Page

[TV Type] The TV type default setting varies depending on the area [PAI]: For a PAL-system TV [NTSC]: For an NTSC-system TV [Audio] You can select the preferred audio language for DVDs with multiple sound tracks.

[Subtitle] You can switch the language of the subtitles recorded on a DVD VIDEO [Disc Menu]

You can switch the language for a disc's menu [Parental] You can restrict playback of DVDs that have

ratings. Scenes may be blocked or replaced with different scenes.

the cabinet should be avoided. Do not place This feature enables you to reset all the setup the system in a confined space where nenu options and your personal settings to ventilation is poor as this may cause the factory defaults, except for your password overheating. for the [Password] and [Parental] items • Do not install the system near heat sources Press \oplus to confirm the default reset. such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, Password Setup Page mechanical vibration, or shock. • Do not install the system in an inclined position. It is designed to be operated in a The default password is "000000." To change horizontal position only.

• Do not place heavy objects on the system On operation

• If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the unit. Should this occur, the system may not operate properly. In this case, remove the disc and leave the system turned on for about half an hour until the moisture evaporates.

• If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further. On cleaning

• Clean the cabinet, panel, and controls with a soft cloth slightly moistened with a mild

Frequency band

Modulation method

Compatible Bluetooth profiles*

detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine. If you have any questions or problems concerning your system, please consult your nearest Sony dealer.

2.4 GHz band

(2.4000 GHz

2.4835 GHz)

FHSS (Freq Hopping

Spread Spectrum)

A2DP (Advanced

Audio Distribution

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Caution: This system is capable of holding a still video image or on-screen display mage on your television screen ndefinitely. If you leave the still video mage or on-screen display image displayed on your TV for an extended period of time you risk permanent damage to your television screen. Projection televisions are especially susceptible to this. On moving the system Before moving the system, make sure that there is no disc inserted, and remove the AC power cord (mains lead) from the wall outlet (maine) On handling discs

On your TV's color

IMPORTANT NOTICE

• To keep the disc clean, handle the disc by

its edge. Do not touch the surface. Do not stick paper or tape on the disc • Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerably inside

the car. On cleaning discs

• Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out. • Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.

problem before requesting repairs. Should any problem persist, consult your nearest Sonv dealer. Note that if service personnel changes some Due to the slim type of main unit design, you parts during repair, these parts may be may feel some heat on the top of the unit.

retained Power The power is not turned on. • Check that the AC power cord (mains

lead) is connected securely.

Sound

The sound doesn't output from the surround speakers. • Press SURROUND repeatedly and select "DOLBY PL" (PRO LOGIC) to output sound from all speakers. (Depending on the media, sound may not be output from the surround speakers.)

The [Speaker Setup Page] items cannot be changed. • Press DVD/CD, then eject the disc

There is no sound. Severe hum or noise is heard.

SPEAKERS terminals, straighten and extend the contact area of each speaker cord, then reconnect the speaker cords to the SPEAKERS terminals. Clean the disc.

The sound loses stereo effect when you

• Set the audio setting to [Stereo] by pressing AUDIO.

e from a Wi-Fi network, other 2.4 GHz wireless device. or microwave oven. • Check that the Bluetooth connection is made properly between this system and the Bluetooth device. • Pair this system and the Bluetooth device • Keep this system away from metal objects or surfaces. • Make sure this system is in *Bluetooth* mode

distance is short.

the obstacle.

as near as possible.

Re-position this system

device and perform pairing again.

Color irregularity occurs on the TV screen. Sound skips or the correspondence The system's speakers contain magnet parts, so magnetic distortion may occur • If a device that generates electromagnetic When color irregularity occurs on the radiation, such as a Wi-Fi network, other TV screen, check the following items. Bluetooth device(s), or a microwave oven

• Install the speakers at least 0.3 meters is nearby, move away from such sources. from your TV set. Remove any obstacle between this system • If the color irregularity persists, turn off and Bluetooth device, or move away from the TV set once, then turn it on after 15 to 30 minutes. • Locate this system and *Bluetooth* device • Reposition the speakers farther away

from your TV set The [TV Type] setting does not match • Re-position the Bluetooth device. your TV.

Connecting cannot be done. [TV Type] can be reset according to the • Perform pairing again. following procedure: Pairing cannot be done. 1. Press \triangleq to take out the disc • Bring this system and the Bluetooth 2. Press (DISPLAY. device closer together. 3. Press (+). [TV Type] will be reset. • Delete the system from your Bluetooth

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• After checking the above items and fixing any problems, turn on the system. If the cause of the problem cannot be found even after checking all the above items, consult your nearest Sony dealer. A disc cannot be ejected and "LOCKED" appears in the front panel display. • Contact your Sony dealer or local authorized Sonv service facility. Radio stations cannot be tuned in. • Check that the antenna (aerial) is connected securely. Adjust the antenna

(aerial) or connect an external antenna (aerial) if necessary A disc does not play. • The region code on the DVD does not

match the system. • Moisture has condensed inside the unit and may cause damage to the lenses. Remove the disc and leave the unit turned on for about half an hour.

A DATA CD/DATA DVD cannot be played. • The DATA CD is not recorded in ISO 9660 Level 1/Level 2, or Joliet

• The DATA DVD is not recorded in UDF (Universal Disk Format).

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USB device

"OVERLOAD" appears in the front panel display. • Remove the USB device from the ψ (USB) port. Make sure there is no problem with the USB device. The USB device (audio file/JPEG image file) cannot be played. • Files that are encrypted or protected by

passwords, etc., cannot be played.There is no playable file in the USB device.

3 ohms, 100 Hz) AUDIO IN and OPTICAL IN jacks

Specifications

POWER OUTPUT (rated):

POWER OUTPUT (reference):

Front L + Front R 100 W + 100 W (at

THD)

3 ohms, 1 kHz, 1%

Front L/Front R/

Center/Surround L/

Surround R: 167 W

(per channel at

3 ohms, 1 kHz)

Amplifier Section

CD/DVD System

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Laser Diode Properties Emission Duration Continuous Laser Output*: Les than 44.6 μW * This output is the value measurement at a

distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture

USB Section ∲ (USB) port:

Maximum current: 500 mA Bluetooth section

Communication system Bluetooth Specification

version 2.1 + EDR (Enhanced Data Rate) Bluetooth Specification Output Power Class 2

nication range

10 m*1

Line of sight approx.

Profile) AVRCP 1.0 (Audio Video Remote Control Profile) Supported Codecs*3 SBC*4 Subwoofer: 165 W (at nission range (A2DP) 20 Hz - 20,000 Hz (Sampling frequency 44.1 kHz) ¹ The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, cordless phone, reception sensitivity, operating system, software application, etc. ² Bluetooth standard profiles indicate the purpose of Bluetooth communication between devices. *3 Codec: Audio signal compression and conversion forma *4 Subband Codec **Tuner Section** PLL quartz-locked System digital synthesizer 87.5 MHz -Tuning range 108.0 MHz (50 kHz FM lead antenna Antenna Video Section VIDEO: Pin jack Outputs HDMI OUT: HDMI 19-pin

Speakers DAV-DZ350 (SS-TS124) (approx.) 92 mm \times 272 mm \times 97 mm (w/h/d) incl projecting parts 0.65 kg Mass (approx.) DAV-DZ650/DAV-DZ950 (SS-TS125) sions (approx.) 260 mm \times 1.125 mm \times 260 mm (w/h/d) incl. projecting parts 2.7 kg Mass (approx.) Cente SS-CT123 ions (approx.) 241 mm imes 92 mm imes85 mm (w/h/d) incl projecting parts Mass (approx.) 0.60 kg DAV-DZ350/DAV-DZ650 (SS-TS123) ions (approx.) 91 mm \times 203 mm 92 mm (w/h/d) incl projecting parts Mass (approx.) 0.55 kg DAV-DZ950 (SS-TS125) rox.) 260 mm × 1.205 mm × 260 mm (w/h/d) incl. projecting parts 2.7 kg Mass (approx.) Subwoofer SS-WS123 Dimensions (approx.) 230 mm \times 365 mm \times 360 mm (w/h/d) incl.

projecting parts

Standby: 0.3 W*

6.3 kg

50/60 Hz

Power requirements 220 V - 240 V AC,

Power consumption On: 70 W

Mass (approx.)

General

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* Valid when the system is in the following - [Control for HDMI] is set to [Off]. Dimensions (approx.) 430 mm × 54 mm × 306 mm (w/h/d) incl.

projecting parts 2.7 kg Mass (approx.) Design and specifications are subject to

change without notice.

• Remove the speaker cords from the

play a VIDEO CD or CD.

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