# SONY

# Micro HI-FI **Component System**

# Operating Instructions

#### WARNING 4-297-237-11(1)

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as

lighted candles on the apparatus. 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. Do not expose batteries or apparatus with battery-installed to excessive heat such as sunshine, fire or the like.

The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

#### CAUTION

The use of optical instruments with this product will increase eye hazard.



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GB

#### CMT-DX400A

Notes • Some files may not play depending on the

format, the encoding method or recording condition • Some USB devices may not work with this

system. • The system supports ISO 9660 Level 1/ Level 2 and Joliet for DATA CD. • The system supports UDF (Universal Disk

Format) for DATA DVD. • The system supports FAT12, FAT16 and FAT32 for USB device.

• The system can recognize the files or folders on a DATA DVD, DATA CD or USB device as follows: - up to 300 folders

- up to 648 files • It may take time to read files in the

- following cases: - there are too many folders or files.
- the memory capacity of the USB device is very large.
- the memory of the USB device is fragmented.



You can use the CCC-certified USB devices with this system

#### Note on the usage of CCC-certified USB devices

Compatibility with CCC (China Compulsory Certification)-certified USB devices on this system is not fully guaranteed. This is because the USB device specifications may differ depending on the manufacturers. For more information on how to use a USB device, see the operation manual supplied with the USB device.

### Preparing the remote

Insert the two R6 (size AA) batteries, matching the polarities as shown below





2

(A) FM lead antenna (Extended horizontally.) B AM loop antenna

C To right speaker D To wall outlet **E** To left speaker

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## About this manual

A Antennas

noise

projector.

VIDEO OUT jack

progressive scan mode

AUDIO IN jack

Speakers

F Power

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

- CD-R or CD-RW is sometimes referred to as "DATA CD." • DVD-R, DVD-RW, DVD+R or DVD+RW is sometimes referred to as "DATA DVD."
- This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar names.

Find a location and orientation that provide

Keep the antennas away from the speaker

Connect the video input jack of the TV or

Connect the component video input jacks of

COMPONENT VIDEO OUT jacks

the TV or projector using the optional

Connect an optional audio component.

component video cords for higher quality

video images. If your TV accepts progressive

signal, see "[Progressive]" (page 21) to set the

Insert only the stripped portion of the cords.

Connect the power cord to a wall outlet.

If the supplied adaptor on the plug does not

fit your wall outlet, detach it from the plug

(only for models equipped with an adaptor).

cords and the power cord to avoid picking up

good reception when you set up the

PRODUCT IS LICENSED UNDER THE DVD DVD VIDEO DVD-ROM DVD-R\*/DVD-RW\* DVD+R\*/DVD+RW\* CD CD-DA (Music CD) CD-ROM CD-R\*/CD-RW\* VIDEO CD \* If discs have not been correctly finalized,

**Playable Discs** 

they will not be played back. For more information, refer to the operating instructions supplied with the recording device.

Discs that cannot be played Blu-ray Discs

 HD DVDs 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." Music discs encoded with copyright

## protection technologies

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This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

# Attaching the speaker pads

Attach the supplied speaker pads at each corner on the bottom of the speakers to prevent them from slipping.



Connecting your TV

Connect the video input jack of your TV to the VIDEO OUT jack on the unit, using the





When connecting a video deck

shown below

Video deck

Connect the TV and the video deck using

video and audio cords (not supplied) as

ΤV

supplied video cord.



Playback starts automatically if a disc with an auto playback function is loaded. Press ■ (or CANCEL ■ on the unit) twice to stop playback.

[PAL], [Multi] or [NTSC] after connecting

your TV. The factory default of the color

- 4 Press SETUP in stop mode. The setup menu appears.
- 5 Press ←/→ repeatedly to select [Preference Page], then press 🕀.

6 Press **↑**/**♦** repeatedly to select [TV Type], then press 🕀.

- 7 Press +/+ repeatedly to select [PAL], [Multi] or [NTSC], then press 🕀.
- 8 Press SETUP to turn off the setup

#### Note

The display on the TV screen may be interrupted momentarily after changing the color system as described above.

Do not connect directly

If you connect a video deck between this system and the TV, you may experience video leakage when watching the video signal from this system. Do not connect a video deck between this system and TV.

I → I (previous/next)

**Radio operation buttons** 

in pause mode.

(play)

II (pause)

PRESET +/-

TUNING +/-

(stop)

/>> (fast reverse/fast forward)

◄I/I► (slow reverse/slow forward)

Press to watch in slow-motion when pressed

SETUP

#### **Parts and Controls**

# **Front panel**

2 3 1

1 I/U (on/standby) button Press to turn on or off the system 2 Display

#### 8 •↔ (USB) port Used for connecting a USB device. 9 ≜ (open/close) button trav



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#### TV I/() (on/standby) Press to turn on or off the TV. Note that only Sony TVs can be operated using this remote. I/() (on/standby

Press to turn on or off the system.

Press to activate program play in the DVD/

CD function, or press to preset radio stations

Press to activate repeat/shuffle playback

PROGRAM

REPEAT

mode.

EQ

ECHO

ZOOM

**★/↓**/**↓**/**→** 

DIMMER

TIME

MIC LEVEL

FUNCTION

in the tuner function.

Press to select the function.

Press to select a sound effect

Press to adjust the echo level.

Press to adjust the microphone volume.

Press to zoom in or zoom out of a displayed

VIDEO CD, an Xvid video, an MPEG4 video

magnified portion of the picture by pressing

Press to change the brightness of the display.

picture when viewing a DVD VIDEO, a

or a IPEG image. You can move the

Press to display or switch the time

information during playback.

# AUDIO

Press to select an audio signal format when Press to open or close the setup menu. multiple audio signals are available. 🗂 DISPLAY Press to select the FM reception mode Press to open or close the Display Menu. (monaural or stereo) when listening to FM

Unit

#### **Playable File Types**

#### File format Extensions Xvid video ".avi" MPEG4 video<sup>1</sup> ".mp4" or ".m4v" Music File format Extensions MP3 (MPEG1 Audio ".mp3 Layer 3)2) WMA<sup>3)</sup> ".wma' AAC4) ".m4a" Photo File format Extensions **JPEG** ".jpg" or ".jpeg <sup>1)</sup> Supported video and audio codecs are as follows - Video codec: MPEG4 Simple Profile (AVC is not supported.) – Audio codec: AAC-LC (HE-AAC is not supported.)

<sup>2)</sup> MP3 PRO format is not supported.

PRO formats are not supported.

not supported.

<sup>3)</sup> WMA DRM, WMA Lossless and WMA

4) AAC DRM and AAC Lossless formats are

multisession disc.

Note on DualDiscs

guaranteed.

switch

A DualDisc is a two sided disc product which

with digital audio material on the other side.

However, since the audio material side does

not conform to the Compact Disc (CD)

standard, playback on this product is not

Note on playback operations of a DVD

producers. Since this system plays a DVD

The playback picture and sound may be

momentarily interrupted when the layers

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

intentionally restricted by software

Note about double-layer DVDs

Region code (DVD VIDEO only)

identical region code or .

Note about Multi Session CD

You can play only 1st session of a

features may not be available.

Some playback operations for a DVD may be

according to the disc contents, some playback

mates DVD recorded material on one side

**Color System Setup** Change the color system if necessary from

4



5

L Display	o = (open/close/ sutton
3 PRESET +/- button	Press to open or close the disc tray.
Press to select a preset station.	10 Disc tray
TUNING +/- button	11 PHONES jack
Press to tune to a desired station.	Used for connecting the headphone
I◀◀ /▶▶I (previous/next) button	12 MIC jack
Press to select a track, file or chapter.	Used for connecting a microphone.
(rewind/ fast forward)	13 FUNCTION button
button	Press to select the function.
Press to find a point in a track, file or chapter.	
4 Remote sensor	
5 DSGX button	
Press to turn on or off the DSGX effect.	
6 VOLUME control	
Turn to adjust the volume.	
7 ► (play) button	
Press to start or re-start playback (resume	
play).	
II (pause) button	
Press to pause playback. To resume playback, press the button again.	
CANCEL  (stop) button	
Press to stop and remember the stop	
point (resume point).	
To re-start playback from the resume	
point (resume play), press <b>&gt;</b> .	
Press to cancel the automatic tuning for a	

SLEEP	ーTVー INPUT 1/也	
1 PROGRAM 4 EQ 7 ZOOM	2 REPEAT 5 ECHO 8 DIMMER 0	3 FUNCTION 6 MIC LEVEL 9 TIME
AUĎIO	SUBTITLE	ANGLE
TOP MENU + SETUP		VOLUME
		PRESET+
	SON	
S	YSTEM AUD	00

### SLEEP

Press to set the Sleep Timer. TV INPUT Press to switch the TV's input source between the TV signal and other input source. Note that only Sony TVs can be operated using this remote.

Press to improve the AM reception when an AM program has static noise.

SUBTITLE Press to select a subtitle language when multilingual subtitles are available.

ANGLE Press to switch to other viewing camera angles when multi-angles are recorded on a DVD VIDEO.

Number buttons Press to enter numbers for selecting a title/ chapter, preset radio station, etc.

DVD TOP MENU Press to open the DVD top menu.

🔊 DVD MENU Press to open or close the DVD menu. When pressed during playback of JPEG image files, a thumbnail view (digest view) is displayed.

MUTING

**★/**₹/(<del>\*</del>/<del>\*</del>)

Press to enter/confirm the settings.

#### SHIFT Press and hold to use the pink number buttons.

# Press to mute or unmute the sound.

Press to move the cursor for item selection. 🕀 (enter)

VOLUME +/-

Press to adjust the volume

track/scene, etc.

press 🕀.

desired option.

When playing a CD

track.

1 Press <sup>(1)</sup> DISPLAY during playback.

number buttons to jump to the

1 Press DISPLAY during playback.

2 Press and hold SHIFT, then press the

The selection display appears on the TV

number buttons to select the desired

# Playing a Disc

- 1 Press FUNCTION repeatedly to select the DVD/CD function.
- 2 Press ≜ on the unit to open the disc tray.
- 3 Place a disc in the disc tray, then press 📤 on the unit to close the disc tray.
- Playback starts automatically when you close the disc trav. If the playback does not start automatically, press 🕨



With the label side up.

# 4 Press VOLUME +/- or turn VOLUME control on the unit to adjust the

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#### **Playing Files on a Disc/USB** Device

1 Press FUNCTION repeatedly to select the DVD/CD or USB function • DVD/CD: For a disc.

## • USB: For a USB device. 2 Load the source.

For a disc Place a disc in the tray by pressing  $\triangleq$  on the unit to open or close the disc tray.



# displayed file list. Cursor position number Cursor

3 Select a desired file from the

For a USB device Connect a USB device to the < (USB)



• To move the cursor: Press ♠ or ♥. • To enter a folder: Press  $\bigoplus$  or  $\blacklozenge$  after moving the cursor to a desired folder. • To return to the parent folder:

Press  $\bigoplus$  or  $\blacklozenge$  after moving the cursor to 🗍 🐽.

You can also check the current cursor position and its number from the following information that will appear on the display.

Indicates that a folder is selected, (ex. "[FLD] 005").

# [BACK]:

File format and XXX:

Indicates the file format of a currently selected file, representing its cursor position number (ex. "WMA 002")

4 Press ► to start playback. 5 Press VOLUME +/- or turn VOLUME control on the unit to adjust the

# Listening to Sound from an

You can listen to sound from a component using a 3.5 mm stereo audio cord (not supplied).

1 Connect the audio output jacks of your component and the AUDIO IN iack of this system using the audio cord.

- control on the unit counterclockwise to turn down the volume
- the AUDIO IN function.
- control on the unit to adjust the

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## [FLD] XXX:

representing its cursor position number

# Indicates that 🗍 •• is selected.

# To change angles (only for DVD VIDEOs)

**Optional Component** connected to the AUDIO IN jack on the unit

- 2 Press VOLUME or turn VOLUME
- 3 Press FUNCTION repeatedly to select
- 4 Press VOLUME +/- or turn VOLUME

**DVD VIDEOs**) Press SUBTITLE during playback to select

the desired angle

# the desired subtitle language.

To change the sound

## Press AUDIO repeatedly during playback to select a desired audio format.

Press ANGLE during playback to select

To display subtitles (only for

When playing a DVD When playing a DVD VIDEO with multiple audio formats, you can change the audio format from PCM, Dolby Digital or MPEG audio. If the DVD VIDEO is recorded with multilingual tracks, you can also change the audio language.

## When playing a CD/VIDEO CD

You can select stereo sound or monaural sound settings for sound output from the speakers. In monaural sound settings, you can select the right or left channel and listen to the selected channel sound through both the right and left speakers.

#### **Other Playback Operations** To play a VIDEO CD with PBC functions

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When you start playing a VIDEO CD with PBC (Playback control) functions, the PBC menu appears for your operation.

> To play without using PBC In stop mode, press and hold SHIFT, then press the number buttons to select the desired item number

# To magnify the displayed picture

You can zoom in or zoom out of a displayed picture when viewing a DVD VIDEO. a VIDEO CD, an Xvid video, an MPEG4 video or a JPEG image

# Press ZOOM repeatedly to magnify the

image. The magnified portion of the picture can be moved by pressing **↑**/**♦**/**♦**/

When playing an audio file/JPEG image file/video file

#### 1 Press <sup>(1)</sup> DISPLAY during playback. The selection display appears on the TV

screen 2 Press and hold SHIFT, then press the number buttons to select the desired

## Note

than twice.

The selectable modes and their order differ To play in programmed order depending on the disc or file. Select the tracks to play in the order you want (only for CD-DA discs). A maximum of

16

#### 20 tracks can be programmed. 1 Press PROGRAM.

The Program Menu display appears on the TV screen.

#### 2 Press and hold SHIFT, then press the To search for a title/chapter/ number buttons to enter a 2-digit track number for the track selection When playing a DVD/VCD

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("02" for track 2, for example). 3 Press **+**/+/+ to select [Start] to play the program.

#### The Display Menu appears on the TV To play repeatedly/shuffle, etc. 2 Press +/+ to select an option, then

#### Press REPEAT repeatedly to select the desired playback mode.

3 Press and hold SHIFT, then press the The selected mode appears on the display. • "REP CHP": Repeats the current chapter.

- "REP TIT": Repeats the current title. • "REP ALL": Repeats all titles.
- "REP TRA": Repeats the current track.

only once in random order.

"SHUF REP": Repeats shuffle play.

• "FOLDER": Plays the current folder.

• "SINGLE": Plays the current file.

• "REP ONE": Repeats the current file.

• "REP FLD": Repeats the current folder.

Continued -----

• "RANDOM": Repeatedly plays a randomly

mode, the same file may be played more

selected file from the current folder. In this

• "REP OFF": The system returns to normal playback mode. • "SHUFFLE": Plays all tracks/chapters/files

#### To view information about the disc/file

You can check the playing time and remaining time of the current title, chapter, track. You can also check the time

information during playback of video files. Press TIME repeatedly during playback. Each time you press the button, the displayed item changes. Displayable items vary depending on the playback source.

#### Adjusting the Sound

To generate more dynamic sound

Press DSGX on the unit repeatedly during playback to turn on or off the DSGX (Dynamic Sound Generator X-tra) function The default setting is underlined. "<u>DSGX ON</u>": Generates more dynamic

sound. • "DSGX OFF": Turns off the DSGX function

# To select an equalizer setting Press EQ repeatedly during playback

- until the desired mode appears on the display. The default setting is underlined. • "ROCK": Enhanced low and high range for
- great sounding movie effects and atmosphere. Great for action movies and rock music. • "JAZZ": Clear mid and high range.
- Recreates the atmosphere of a live club with the artist just in front of you. Good for jazz music and watching dramas.
- "CLASSIC": Ideal for listening to classical music and watching live concert DVDs.
- "FLAT": Flat and pure sound mode.

#### Singing along: Karaoke Using a Tuner

You can sing along with the music by

connecting an optional microphone

the MIC jack on the unit.

2 Press MIC LEVEL.

After you have finished

MIC jack.

Note

or tuner function.

"MIC ON" appears on the display.

3 Press +/+ to adjust the microphone

4 Start playing the music and adjust

Adjust the microphone volume to "MIC 0"

and disconnect the microphone from the

To adjust the microphone echo level

1 Press ECHO in "MIC ON" mode.

2 Press +/+ to adjust echo effect.

Password Setup Page

"000000" or your last set 6-digit

3 Press and hold SHIFT, and then enter

a new 6-digit password again in the

[Confirm PWD] section to confirm

A disc does not start playing from the

During stop, press ■ (or CANCEL ■ on

stop. press ■ (or CANCEL ■ on the unit)

• Shuffle play has been selected. During stop,

press ■ (or CANCEL ■ on the unit) and

A disc cannot be ejected and "LOCKED"

Contact your Sony dealer or local authorized

Disconnect the AC power cord from the wall

• There is no playable file on the USB device.

outlet, then reconnect after several minutes.

The system does not work normally.

• Resume play has been selected.

and then start playback.

then start playback.

appears on the display.

Sony service facility.

the unit) and then start playback.

Program play has been selected. Duri

beginning.

[Password]

the password-

section

vour entry.

Password] section.

4 Press 🕀 to exit the menu.

The microphone function ("MIC ON" mode)

is not available when selecting the AUDIO IN

# To preset radio stations

You can preset up to 20 FM stations and 1 Connect an optional microphone to 10 AM stations. You can then tune to any of those stations simply by selecting the corresponding preset number.

1 Press FUNCTION repeatedly to select "FM" or "AM." 2 Press and hold TUNING +/- for 2 seconds to start tuning until you find the desired radio station.

"SEARCH +" or "SEARCH -" appears on the display until a radio station with sufficient signal strength is found.

- 3 Press PROGRAM. "P 01" flashes in the display.
- 4 Press PRESET +/- (or press and hold
- SHIFT, then press the number buttons) to select a preset number 5 Press 🕀 to store the station

frequency.

# To listen to a preset radio station

1 Press FUNCTION repeatedly to select "FM" or "AM. 2 Press PRESET +/- (or press and hold

SHIFT, then press the number buttons) to select a preset number. 3 Press VOLUME +/- or turn VOLUME control on the unit to adjust the

# Tips

• When an FM stereo program has static noise, press AUDIO repeatedly to select "MONO." You will loose stereo effect, but reception will improve.

• When an AM program has static noise, press AUDIO repeatedly to improve the reception

# To change the AM tuning

interval You can change the tuning interval, 9 kHz or 10 kHz, for AM reception by pressing and holding For 5 seconds when using the AM function. Please note that changing the tuning interval erases all the AM station presets. To reset the interval to the factory preset (9 kHz), repeat the procedure.

#### **Convenient Functions**

You can set the system to turn off at a preset

time, so you can fall asleep listening to music

**Press SLEEP repeatedly.** Each time you press this button, the minute

display (the remaining time) changes by

A countdown will start from the last

To check the remaining time

appears on the display.

on the display.

display

from 2 levels.

20 seconds before the system turns off.

Press and hold SLEEP for 3 seconds. The

remaining time until the system turns off

Press SLEEP repeatedly until "OFF" appears

To change the brightness of the

The brightness of the display can be selected

The default setting is underlined.

Press DIMMER repeatedly.

• "DIM OFF": Bright.

• "DIM ON": Dark

To cancel the sleep timer function

10 minutes.

#### Using the Setup Display You can make various adjustments to menu **Using the Sleep Timer**

The default setting is underlined.

1 Press FUNCTION repeatedly to select the DVD/CD or USB function.

2 Press SETUP in stop mode. The setup menu appears.

3 Press ←/→ to select one of the setup menu categories, then press 🕀.

4 Press ♦/♦ to select a setup item, then press ≠ or ⊕.

### 5 Select the option you want to change and press 🕀 to confirm and go back to the previously selected item.

6 Press SETUP to turn off the menu. Selected Setup categories category





on the entire screen, with trimmed sides

**General Setup Page** 

[16:9]: Select this when you connect a wide-

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

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

black bands on the top and bottom

screen TV or a TV with a wide mode

[TV Display]

Selected setting Options

[On]: Turns on the screen saver when in stop, pause, no disc, or eject mode for more than 15 minutes. [Off]: Turns off the screen saver.

• You have set to progressive format

(525p/625p) but your TV is unable to

receive signals in this format. In this case,

connect your TV and the VIDEO OUT

mode. See "[Progressive]" (page 21).

Even though you set the aspect ratio in

picture does not fill the TV screen.

Color irregularity occurs on the TV

The aspect ratio is fixed on the disc.

check the following items.

your TV set.

30 minutes.

your TV set.

following procedure:

2. Press 💬 DISPLAY.

1. Press 📥 to remove the disc.

[TV Type] will be reset.

your TV.

3. Press (+)

24

28

32

screen.

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

The system's speakers contain magnet parts,

so magnetic distortion may occur. When

color irregularity occurs on the TV screen,

- Install the speakers at least 0.3 meters from

the TV set once, then turn it on after 15 to

Reposition the speakers farther away from

The [TV Type] setting does not match

[TV Type] can be reset according to the

- If the color irregularity persists, turn off

jack of the system and set to interlaced scan

You can select the display language on the

TV screen.

20

[Screen Saver]

# [Last Memory]

This system recalls the point where you stopped the disc the last time it was played and resumes playback from that point the next time you insert the same disc. [On]: The system stores the resume points in memory

# [Off]: The system does not store the resume

points in memory. Playback restarts at the resume point only for the current disc in the unit.

# Note

When the resume playback memory is full, the resume playback point for the earliest disc is deleted.

# [Auto Standby] (DVD/CD and USB

[On]: Enters standby mode automatically when in stop, pause, no disc, or eject mode for more than 30 minutes. [Off]: The unit does not enter standby mode

# Video Setup Page

# [Progressive]

You can set the progressive signal that is output from the COMPONENT VIDEO OUT jack. The default setting is underlined. [On]: Turns on the progressive scan mode. Follow the instructions on the display. [Off]: Turns off the progressive scan mode and outputs the interlaced signal with the interlaced scan mode.

## Preference Page

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[TV Type]\*

[PAL]: For a PAL-system TV. [Multi]: For a TV that is compatible with both PAL and NTSC. [NTSC]: For an NTSC-system TV.

# [Audio]

You can select the preferred audio language for DVDs with multiple sound tracks. [Subtitle] You can select the language of the subtitles

[Disc Menu]

[Parental]

## functions only)

## 1 Press **↑**/**↓** to select a rating level from automatically.

#### 2 Press the number buttons to enter your 6-digit password.

with different scenes.

recorded on a DVD VIDEO.

[Default] You can reset all the setup menu options and your personal settings to the factory defaults, except for your password for the [Password] and [Parental] items. Press  $\oplus$  to confirm the default reset.

You can select the language for a disc's menu.

You can restrict playback of DVDs that have

ratings. Scenes may be blocked or replaced

[1] to [8] or [Off], then press 🕀.

Precautions

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#### On placement

The default password is "000000". To change • At high volume, over long periods of time, the cabinet becomes hot. This is not a 1 Press and hold SHIFT, and then enter malfunction. However, touching the cabinet should be avoided. Do not place the system in a confined space where

#### password in the [Old Password] ventilation is poor as this may cause overheating. 2 Press and hold SHIFT, and then enter • Do not install the system near heat sources a new 6-digit password in the [New

such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock. • Do not install the system in an inclined

position. It is designed to be operated in a 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 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.

# On cleaning discs, disc/lens cleaners

Do not use cleaning discs or disc/lens cleaners (including wet or spray types). These may cause the apparatus to malfunction.

# On your TV's color

IMPORTANT NOTICE Caution: If you leave the same image (a still video image, an on-screen display image, etc.) 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 from the wall outlet

## On handling discs

• To keep the disc clean, handle the disc by its edge. Do not touch the surface. Do not attach paper or tape to 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

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

or ring. On heat buildup • Although the system heats up during

operation, this is not a malfunction. • Place the system in a location with adequate ventilation to prevent heat buildup in the system.

• If you continuously use this system at a high volume, the cabinet temperature rises considerably. To avoid burning yourself, do

not touch the cabinet. • To prevent a malfunction, do not cover the ventilation openings.

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The power is not turned on. Check that the AC power cord is connected

> securely. Picture

> > There is no picture.

connected securely

input jack.

format.

input of the TV.

• The video connecting cords are not

• The unit is not connected to the correct TV

• Check the output method on your system.

your TV using the video cord (supplied) so

• When connecting your TV and the VIDEO

cord (supplied), set the system to interlaced

OUT jack of the system using the video

• You have set to progressive format but your

TV cannot accept the signal in progressive

• The system is not selected via the video

• Make sure you connect the system and

that you can view the pictures.

Sony dealer.

Troubleshooting

If you experience any of the following

difficulties while using the system, check this

troubleshooting guide to help remedy the

problem before requesting repairs. Should

any problem persist, consult your nearest

Note that if service personnel changes some

adiust the volume • Make sure the headphones are not connected.

• Press VOLUME + repeatedly (or turn

VOLUME control on the unit clockwise) to

Sound

There is no sound.

• Check the speaker connections. • The system is in pause mode or in slowmotion play mode. Press >> to return to

# normal playback.

#### There is severe hum or noise. • Move the system away from the source of

noise. • Connect the system to a different wall outlet

• Install a noise filter (commercially available) to the power cord.

# There is no microphone sound.

• Press VOLUME + repeatedly (or turn VOLUME control on the unit clockwise) to adjust the speaker volume.

• Press MIC LEVEL, then press **+** to adjust the microphone volume. • Make sure the microphone is connected to

MIC jack correctly. • Make sure the microphone is turned on.

#### The sound loses stereo effect when you play a VIDEO CD or CD.

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

#### antenna if necessar A disc does not play.

Operation

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• The region code on the DVD does not match the system. • Moisture has condensed inside the unit and

Check that the antenna is connected securely

Adjust the antenna or connect an external

Radio stations cannot be tuned in.

#### 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).

#### A JPEG image file cannot be played. USB device

It is larger than 2,048 (width)  $\times$  1,536 (height) pixels in normal mode, or more than The USB device (audio file/JPEG image 2,000,000 pixels in progressive format which file/video file) cannot be played. is mainly used on the Internet websites. • Files that are encrypted or protected by A video file cannot be played. passwords, etc., cannot be played.

#### The video file is larger than 720 (width) $\times$ 576 (height) pixels.

The name of a folder or file is not displayed correctly. The system can only display numbers and letters of the alphabet. Other characters are displayed as "\_".

18 watts + 18 watts (6 ohms at 1 kHz, 1% THD)

Continuous RMS power output (reference): 22.5 watts + 22.5 watts (6 ohms at 1 kHz. 10% THD)

## Inputs

Specifications

**Amplifier section** 

Power output (rated)

Main unit

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AUDIO IN (3.5 mm stereo mini jack): Impedance 10 kilohms MIC (monaural mini jack): Impedance 10 kilohms

#### Outputs VIDEO OUT:

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Load impedance 75 ohms COMPONENT VIDEO OUT Y: 75 ohms

- PB: 75 ohms PR: 75 ohms PHONES (stereo mini jack): Accepts headphones with an impedance of 32 ohms or more SPEAKERS:
- Accepts impedance of 6 ohms •숙 (USB) port: Type A Maximum current: 500 mA

Emission Duration: Co Laser Output\*: Less than 1000 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. Video color system format: NTSC/PAL USB section

Compact disc and digital audio and

**Disc player section** 

video system

Laser Diode Properties

#### ⊷ (USB) port: Maximum current: 500 mA

#### **Tuner section** FM stereo, FM/AM superheterodyne tuner

FM tuner section Tuning range:

87.5 MHz - 108.0 MHz (50 kHz step) Antenna: FM lead antenna Antenna terminals 75 ohms unbalanced Intermediate frequency: 10.7 MHz

# AM tuner section

Tuning range: 531 kHz – 1,602 kHz (9 kHz step) 530 kHz - 1,610 kHz (10 kHz step) Antenna: AM loop antenna Antenna terminals External antenna terminal Intermediate frequency:

450 kHz

Approx. 140 mm  $\times$  240 mm  $\times$  200 mm Mass: Approx. 2.0 kg Quantity: 2 pieces General Power requirements: AC 220 V - 240 V, 50/60 Hz Power consumption: 25 watts Dimensions (W/H/D) (excl. speakers): Approx. 175 mm  $\times$  240 mm  $\times$  210 mm Mass (excl. speakers): Approx. 2.4 kg Quantity of the main unit: 1 piece

Woofer: 100 mm, cone type

Tweeter: 40 mm, cone type

Speaker (SS-CDX400)

Rated impedance: 6 ohms

Dimensions (W/H/D):

2-way, Bass reflex, Magnetically shielded

Speaker system

Speaker unit

Speaker pads (8)

Remote Commander (1)

AM loop antenna (1)

FM lead antenna (1)

Supplied accessories:

Video cord (1)

Design and specifications are subject to change without notice.

Standby power consumption: 0.5 W

Please contact the following to obtain customer support for this system Sony China Customer Support Center TEL: 400-810-9000 http://www.sony.com.cn/