





## 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.

- "DSGX ON": 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

You can sing along with the music by connecting an optional microphone.

- 1 Connect an optional microphone to the MIC jack on the unit.** "MIC ON" appears on the display.
- 2 Press MIC LEVEL.**
- 3 Press  $\ast/\#$  to adjust the microphone volume.**
- 4 Start playing the music and adjust the volume.**

### ■ After you have finished

Adjust the microphone volume to "MIC 0" and disconnect the microphone from the MIC jack.

### ■ To adjust the microphone echo level

- 1 Press ECHO in "MIC ON" mode.**
- 2 Press  $\ast/\#$  to adjust echo effect.**

### Note

The microphone function ("MIC ON" mode) is not available when selecting the AUDIO IN or tuner function.

## Using a Tuner

### To preset radio stations

You can preset up to 20 FM stations and 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  $\odot$  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 volume.**

### 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  $\blacktriangleright$  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

### Using the Sleep Timer

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 10 minutes. A countdown will start from the last 20 seconds before the system turns off.

### ■ To check the remaining time

Press and hold SLEEP for 3 seconds. The remaining time until the system turns off appears on the display.

### ■ To cancel the sleep timer function

Press SLEEP repeatedly until "OFF" appears on the display.

### To change the brightness of the display

The brightness of the display can be selected from 2 levels.

The default setting is underlined.

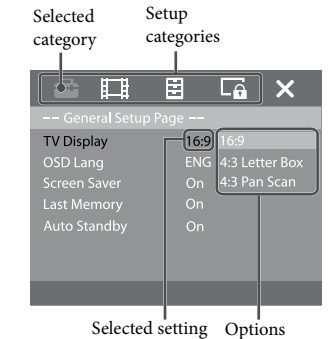
- Press DIMMER repeatedly.**
- "DIM OFF": Bright.
  - "DIM ON": Dark.

## Using the Setup Display

You can make various adjustments to menu items.

The default setting is underlined.

- 1 Press FUNCTION repeatedly to select the DVD/CD or USB function.** The setup menu appears.
- 2 Press SETUP in stop mode.** The setup menu appears.
- 3 Press  $\ast/\#$  to select one of the setup menu categories, then press  $\odot$ .**
- 4 Press  $\ast/\#$  to select a setup item, then press  $\ast$  or  $\odot$ .**
- 5 Select the option you want to change and press  $\odot$  to confirm and go back to the previously selected item.**
- 6 Press SETUP to turn off the menu.**



## General Setup Page

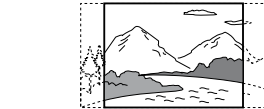
■ **[TV Display] [16:9]**: Select this when you connect a wide-screen TV or a TV with a wide mode function.



[4:3 Letter Box]: Displays a wide picture with black bands on the top and bottom.



[4:3 Pan Scan]: Displays a full-height picture on the entire screen, with trimmed sides.



■ **[OSD Lang] (On-Screen Display)** You can select the display language on the TV screen.

### ■ [Screen Saver]

[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.



■ **[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 functions only)

[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 automatically.

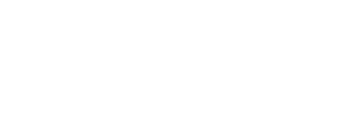
## Video Setup Page

### ■ [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

### ■ [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 recorded on a DVD VIDEO.

### ■ [Disc Menu]

You can select 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.

- 1 Press  $\ast/\#$  to select a rating level from [1] to [8] or [Off], then press  $\odot$ .**
- 2 Press the number buttons to enter your 6-digit password.**

### ■ [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  $\odot$  to confirm the default reset.



## Password Setup Page

### ■ [Password]

The default password is "000000". To change the password:

- 1 Press and hold SHIFT, and then enter "000000" or your last set 6-digit password in the [Old Password] section.**
- 2 Press and hold SHIFT, and then enter a new 6-digit password in the [New Password] section.**
- 3 Press and hold SHIFT, and then enter a new 6-digit password again in the [Confirm PWD] section to confirm your entry.**
- 4 Press  $\odot$  to exit the menu.**



## Precautions

### On placement

• At high volume, over long periods of time, the cabinet becomes hot. This is not a malfunction. However, touching the cabinet should be avoided. Do not place the system in a confined space where ventilation is poor as this may cause overheating.

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

• Do not install the 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 benzene.

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

• 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 benzene, 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.



## 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 Sony dealer. Note that if service personnel changes some parts during repair, these parts may be retained.

### Power

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

### Picture

#### There is no picture.

- The video connecting cords are not connected securely.
- The unit is not connected to the correct TV input jack.
- The system is not selected via the video input of the TV.
- Check the output method on your system.
- Make sure you connect the system and your TV using the video cord (supplied) so that you can view the pictures.
- When connecting your TV and the VIDEO OUT jack of the system using the video cord (supplied), set the system to interlaced format.
- You have set to progressive format but your TV cannot accept the signal in progressive format.



## Sound

### There is no sound.

- Press VOLUME + repeatedly (or turn VOLUME control on the unit clockwise) to adjust the volume.
- Make sure the headphones are not connected.
- Check the speaker connections.
- The system is in pause mode or in slow-motion play mode. Press  $\blacktriangleright$  to return to normal playback.

### There is severe hum or noise.

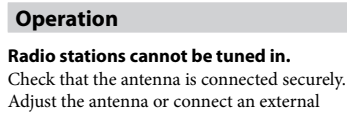
- Move the system away from the source of noise.
- Connect the system to a different wall outlet.
- Install a noise filter (commercially available) to the power cord.

### 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  $\blacklozenge$  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.



## Operation

### Radio stations cannot be tuned in.

Check that the antenna is connected securely. Adjust the antenna or connect an external antenna 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).

### A JPEG image file cannot be played.

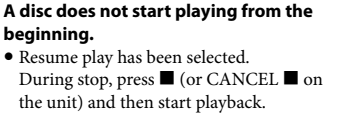
It is larger than 2,048 (width) × 1,536 (height) pixels in normal mode, or more than 2,000,000 pixels in progressive format which is mainly used on the Internet websites.

### A video file cannot be played.

The video file is larger than 720 (width) × 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 " \_".



### A disc does not start playing from the beginning.

- Resume play has been selected. During stop, press  $\blacksquare$  (or CANCEL  $\blacksquare$  on the unit) and then start playback.
- Program play has been selected. During stop, press  $\blacksquare$  (or CANCEL  $\blacksquare$  on the unit) and then start playback.
- Shuffle play has been selected. During stop, press  $\blacksquare$  (or CANCEL  $\blacksquare$  on the unit) and then start playback.

### A disc cannot be ejected and "LOCKED" appears on the display.

Contact your Sony dealer or local authorized Sony service facility.

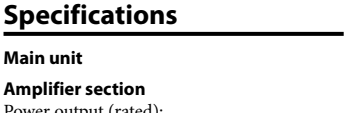
### The system does not work normally.

Disconnect the AC power cord from the wall outlet, then reconnect after several minutes.

## USB device

### The USB device (audio file/JPEG image file/video file) cannot be played.

- Files that are encrypted or protected by passwords, etc., cannot be played.
- There is no playable file on the USB device.



## Specifications

### Main unit

#### Amplifier section

Power output (rated):  
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

AUDIO IN (3.5 mm stereo mini jack):

Impedance 10 kilohms

MIC (monaural mini jack):

Impedance 10 kilohms

#### Outputs

VIDEO OUT:

Load impedance 75 ohms

COMPONENT VIDEO OUT

Y: 75 ohms

Pb: 75 ohms

Pr: 75 ohms

PHONES (stereo mini jack):

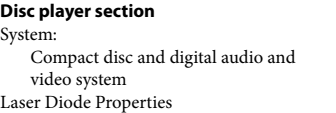
Accepts headphones with an impedance of 32 ohms or more

#### SPEAKERS:

Accepts impedance of 6 ohms

(USB) port: Type A

Maximum current: 500 mA



## Disc player section

System:

Compact disc and digital audio and video system  
Laser Diode Properties  
Emission Duration: Continuous  
Laser Output\*: Less than 1000  $\mu$ W

\* 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

(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

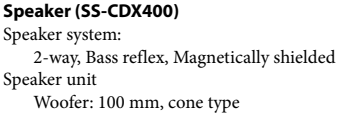
Tuning range:  
531 kHz — 1,602 kHz (9 kHz step)  
530 kHz — 1,610 kHz (10 kHz step)

Antenna: AM loop antenna

Antenna terminals:

External antenna terminal

Intermediate frequency:  
450 kHz



## Speaker (SS-CDX400)

Speaker system:

2-way, Bass reflex, Magnetically shielded

Speaker unit

Woofer: 100 mm, cone type

Tweeter: 40 mm, cone type

Rated impedance: 6 ohms

Dimensions (W/H/D):

Approx. 140 mm × 240 mm × 200 mm

Mass: Approx. 2.0 kg

Quantity: 2 pieces