

SHARP

DVD MINI SYSTEM

MODEL

CD-G7500DVD

SPEAKER SYSTEM

MODEL

CP-G7500

OPERATION MANUAL



MP3



*CD-G7500DVD(EN)Cover

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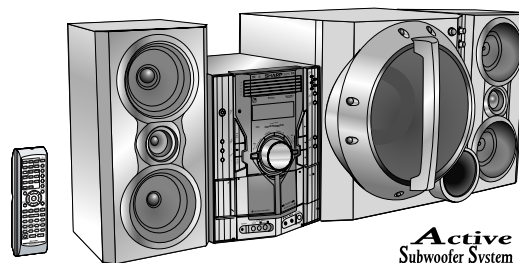
Thank you for purchasing this SHARP product.
To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.

CD-G7500DVD

CD-G7500DVD DVD Mini System consisting of CD-G7500DVD (main unit).

CP-G7500

CP-G7500 Speaker System consisting of CP-G7500 (front speaker system) and CP-SW7500 (active subwoofer).



5-DISC CHANGER
with Play Exchange



2-MIC
INPUT JACKS

Active
Subwoofer System

CD-R/RW
Playable

ENGLISH ... Please refer to pages E-1 to E-77.

... يرجى مراجعة الصفحات ١ الى ٧٧. عربي

SHARP CORPORATION

05.1.13, 14:46

CD-G7500DVD (S)
TINSA159AWZZ

CD-G7500DVD
CP-G7500

ENGLISH

Important Instruction

E-1

ENGLISH

Special notes

WARNINGS

- When the ON/STAND-BY button is set at STAND-BY position, mains voltage is still present inside the unit. When the ON/STAND-BY button is set at STAND-BY position, the unit may be brought into operation by the timer mode or remote control.
- This unit contains no user serviceable parts. Never remove covers unless qualified to do so. This unit contains dangerous voltages, always remove mains plug from the socket before any service operation and when not in use for a long period.
- To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

- This product is classified as a CLASS 1 LASER product.
- This product contains a low power laser device. To ensure continued safety do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

NOTE

Audio-visual material may consist of copyrighted works which must not be recorded without the authority of the owner of the copyright.
Please refer to the relevant laws in your country.

Copy Protection

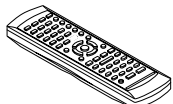
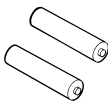
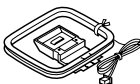
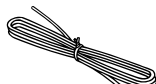

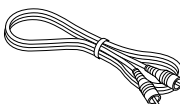
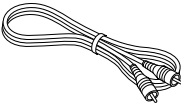
This Player supports Macrovision copy protection. On DVDs that include a copy protection code, if the contents of the DVD are copied using a VCR, the copy protection code prevents the videotape copy from playing normally.

Apparatus Claims of U.S. Patent Nos. 4,631,603, 4,577,216, 4,819,098 and 4,907,093 licensed for limited viewing uses only.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Accessories

Please confirm that the following accessories are included.

 Remote control × 1	 "AA" size battery (UM/SUM-3, R6, HP-7 or similar) × 2
 AM loop aerial × 1	 FM aerial × 1
 Speaker wire × 2 (Red/Black)	 Subwoofer cable × 1 (Black)
 Video cable × 1 (Yellow)	

Note:

Only the above accessories are included.

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CP-G7500

ENGLISH

General Information

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SHARP TINSZA159AWZZ (S)

*CD-G7500DVD(EN)02-05

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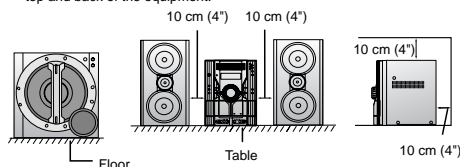
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TINSZA159AWZZ

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Precautions

■ General

- Please ensure that the equipment is positioned in a well ventilated area and ensure that there is at least 10 cm (4") of free space along the sides, top and back of the equipment.



- **Do not place active subwoofer system on the same surface as main unit to prevent sound interruption during playback.**
- Use the unit on a firm, level surface free from vibration.
- Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic/electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.
- Do not place anything on top of the unit.
- Do not expose the unit to moisture, to temperatures higher than 60°C (140°F) or to extremely low temperatures.
- If your system does not work properly, disconnect the AC power lead from the wall socket. Plug the AC power lead back in, and then turn on your system.
- In case of an electrical storm, unplug the unit for safety.
- Hold the AC power plug by the head when removing it from the wall socket, as pulling the lead can damage internal wires.
- **Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.**
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- This unit should only be used within the range of 5°C - 35°C (41°F - 95°F).

Warning:

The voltage used must be the same as that specified on this unit. Using this product with a higher voltage other than that which is specified is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from use of this unit with a voltage other than that which is specified.

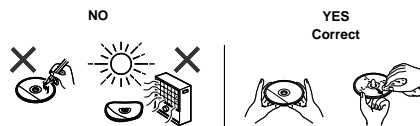
■ Volume control

The sound level at a given volume setting depends on speaker efficiency, location and various other factors. It is advisable to avoid exposure to high volume levels. Do not turn the volume on to full at switch on and listen to music at moderate levels.

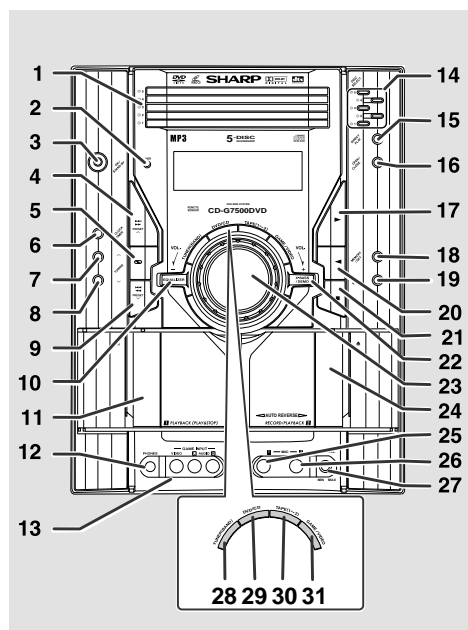
■ Care of DVD/Video CD/CD discs

DVD/Video CD/CD discs are fairly resistant to damage, however mistracking can occur due to an accumulation of dirt on the disc surface. Follow the guidelines below for maximum enjoyment from your DVD/Video CD/CD collection and player.

- Do not write on either side of the disc, particularly the non-label side from which signals are read. Do not mark this surface.
- Keep your discs away from direct sunlight, heat, and excessive moisture.
- Always hold the DVD/Video CD/CDs by the edges. Fingerprints, dirt, or water on the DVD/Video CD/CDs can cause noise or mistracking. If a DVD/Video CD/CD is dirty or does not play properly, clean it with a soft, dry cloth, wiping straight out from the centre, along the radius.



Controls and indicators



■ Front panel

	Reference page
1. Disc Trays	22
2. Timer Set Indicator	67
3. On/Stand-by Button	18, 22
4. DVD Chapter Skip/DVD/Video CD/CD/MP3/WMA Track Up or Fast Forward, Tape 2 Fast Forward, Tuner Preset Up, Time Up Button	19, 34, 49, 57, 60, 66
5. Tape 2 Reverse Mode Select Button	59
6. Clock/Timer Button	19, 66, 68, 69
7. Tuning Up Button	56
8. Tuning Down Button	56
9. DVD Chapter Skip/DVD/Video CD/CD/MP3/WMA Track Down or Fast Reverse, Tape 2 Rewind, Tuner Preset Down, Time Down Button	19, 34, 49, 57, 60, 66
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19. Tape 2 Record Pause Button	61
20. Tape 2 Reverse Play Button	59
21. DVD/Video CD/CD/MP3/WMA or Tape Stop Button	33, 60
22. Extra Bass/Demo Mode Button	18
23. Volume Control	18
24. Tape 2 Cassette Compartment	59
25. Microphone Socket 1	54
26. Microphone Socket 2	54
27. Microphone Level Control	54
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29. DVD/Video CD/CD/MP3/WMA Button	22, 33
30. Tape (1-2) Button	58, 59
31. Game/Video Button	54, 70

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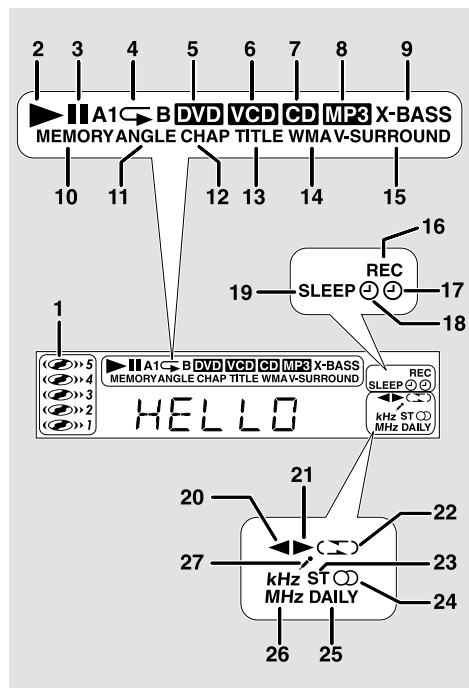
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Controls and indicators (continued)

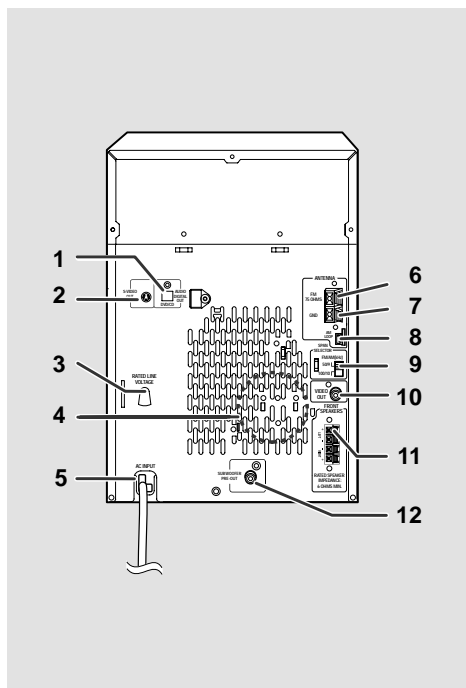
General Information



■ Display

1. Disc Number Indicators
2. DVD/Video CD/CD/MP3/WMA Play Indicator
3. DVD/Video CD/CD/MP3/WMA Pause Indicator
4. DVD/Video CD/CD/MP3/WMA Repeat Indicator
5. DVD Indicator
6. VCD Indicator
7. CD Indicator
8. MP3 Indicator
9. Extra Bass Indicator
10. Memory Indicator
11. DVD Angle Indicator
12. DVD Chapter Indicator
13. DVD Title Indicator
14. WMA Indicator
15. Virtual Surround Indicator
16. Tape Record Indicator
17. Timer Recording Indicator
18. Timer Play Indicator
19. Sleep Indicator
20. Tape 2 Reverse Play Indicator
21. Tape Forward Play Indicator
22. Tape 2 Reverse Mode Indicator
23. FM Stereo Mode Indicator
24. FM Stereo Receiving Indicator
25. Daily Timer Indicator
26. Tuner Receiving Frequency Indicators
27. Karaoke Mode Indicator

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■ Rear panel

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2. S-Video Output Socket	22
3. AC Voltage Selector	13, 14
4. Cooling Fan	
5. AC Power Lead	13, 14
6. FM 75 Ohms Aerial Terminal	10, 11
7. FM Aerial Earth Terminal	10, 11
8. AM Loop Aerial Socket	10, 11
9. Span Selector Switch	15
10. Video Output Socket	12
11. Speaker Terminals	10, 11
12. Subwoofer Pre-output Socket	10, 14

Cooling fan:

This product is equipped with a cooling fan inside, which begins to run once the power is on for better heat radiation.

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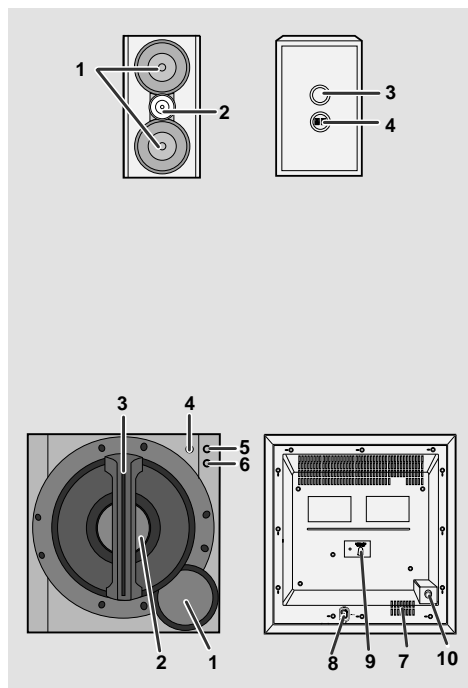
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Controls and indicators (continued)



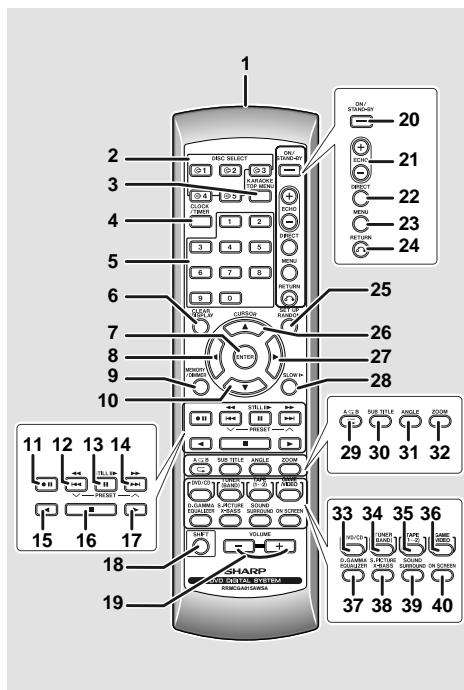
■ Speaker system

1. Woofers
2. Tweeter
3. Bass Reflex Duct
4. Speaker Terminals

■ Active Subwoofer

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| 1. Bass Reflex Duct | |
| 2. Subwoofer | |
| 3. Power Indicator | 14 |
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Remote control

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4. Clock/Timer Button	19, 66, 68, 69
5. Direct Search Button	51, 52
6. Clear/Display Button	43
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9. Memory/Dimmer Button	18, 19, 43, 51, 57, 66, 67
10. Cursor Down Button	24, 28, 51
11. Tape Record Pause Button	61, 62, 63, 64, 65
12. DVD Chapter Skip/DVD/Video CD/MP3/ WMA Fast Reverse/Video CD/ CD/MP3/WMA Track Down/Tape Fast Wind and Tuner Preset Down, Time Down Button	34, 35, 50
13. DVD/Video CD/CD/MP3/WMA Pause Button	35
14. DVD Chapter Skip/DVD/Video CD/MP3/WMA Fast Forward/Video CD/ CD/MP3/WMA Track Up/Tape Fast Wind and Tuner Preset Up, Time Up Button	34, 35, 50
15. Tape 2 Reverse Play Button	55, 59, 61, 62, 63
16. DVD/Video CD/CD/MP3/WMA/Tape Stop Button	33, 51
17. DVD/Video CD/CD/MP3/WMA/Tape 1 Play/ Tape 2 Forward Play Button	33, 51
18. Shift Button	24, 55
19. Volume Up or Down Button	18
20. On/Stand-by Button	18, 23
21. Echo Level Up/Down Button	54
22. DVD Direct Button	37
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28. DVD/Video CD Slow Button	34
29. DVD/Video CD/CD/MP3/WMA Repeat Button	42
30. DVD Subtitle Button	38
31. DVD Angle Button	41
32. DVD Zoom Button	23, 33
33. DVD/Video CD/CD/MP3/WMA Button	56
34. Tuner (Band) Button	58, 59
35. Tape (1 ~ 2) Button	54, 70
36. Game/Video Button	18
37. Equaliser Mode Select Button	18
38. Extra Bass Button	18
39. DVD 3-D Virtual Surround Button	39
40. DVD On Screen Button	32

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General Information

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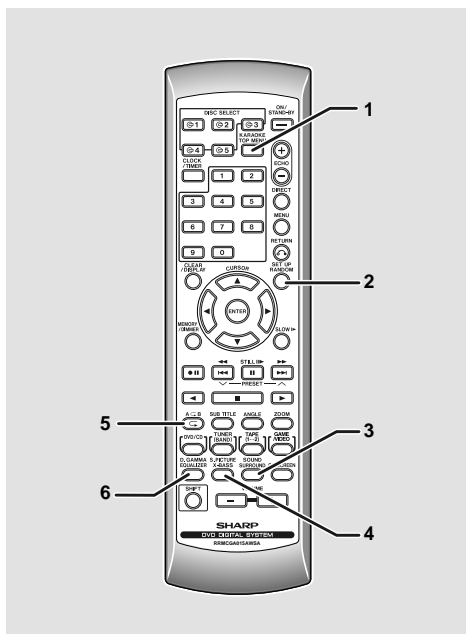
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General Information

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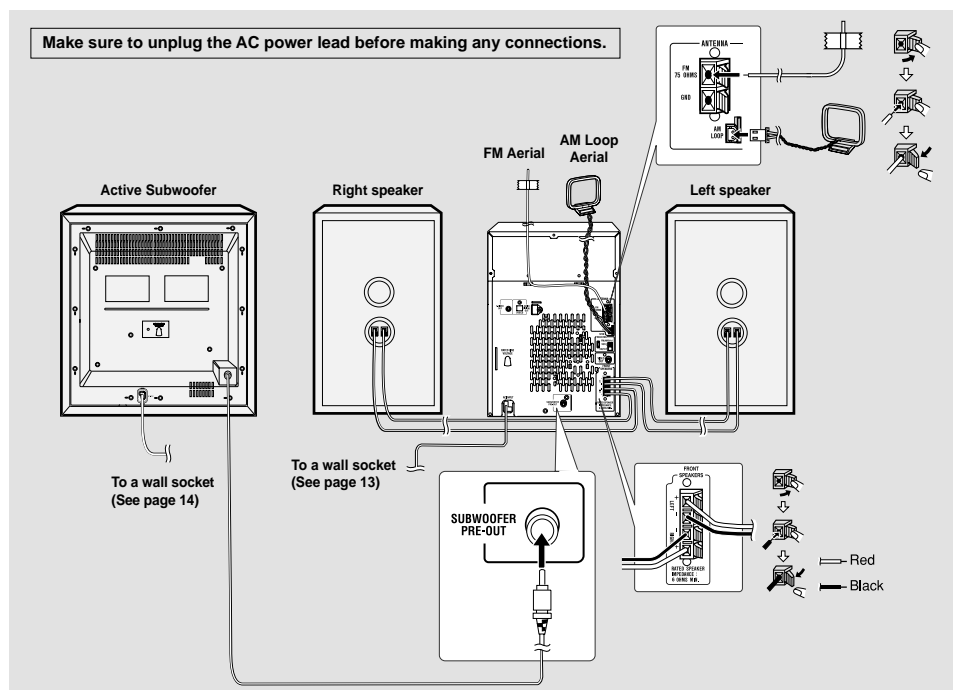
Controls and indicators (continued)



■ Remote control with shift button

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3. DVD Sound Button	39
4. DVD Super Picture Button	41
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6. DVD Digital Gamma Button	40

System connections



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Preparation for Use

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System connections (continued)

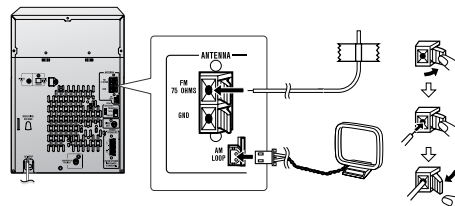
■ Aerial connection

Supplied FM aerial:

Connect the FM aerial wire to the FM 75 OHMS terminal and position the FM aerial wire in the direction where the strongest signal can be received.

Supplied AM loop aerial:

Connect the AM loop aerial to the AM LOOP socket. Position the AM loop aerial for optimum reception. Place the AM loop aerial on a shelf, etc., or attach it to a stand or a wall with screws (not supplied).

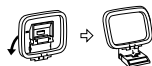


Note:

Placing the aerial on the unit or near the AC power lead may cause noise pickup. Place the aerial away from the unit for better reception.

Installing the AM loop aerial:

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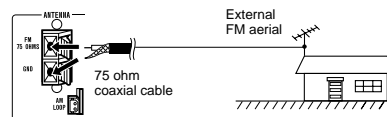


< Attaching to the wall >



External FM aerial:

Use an external FM aerial if you require better reception. Consult your dealer.

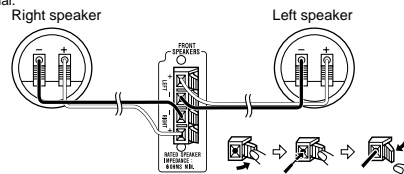


Note:

When an external FM aerial is used, disconnect the supplied FM aerial wire.

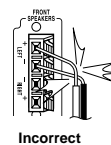
■ Speaker connection

Connect the black wire to the minus (-) terminal, and the red wire to the plus (+) terminal.



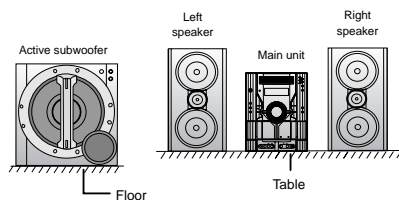
Caution:

- Connect the speaker wires to the speakers first, then to the unit.
- Use speakers with an impedance of 6 ohms or more, as lower impedance speakers can damage the unit.
- Do not mistake the right and the left channels. The right speaker is the one on the right side when you face the unit.
- Do not let the bare speaker wires touch each other.
- Do not allow any objects to fall into or to be placed in the bass reflex ducts.
- Do not stand or sit on the speakers. You may be injured.



■ Placing the speaker system

There is no distinction between the right and the left speakers.



Note:
The speaker grilles are not removable.

Caution:
● Do not place active subwoofer system on the same surface as main unit to prevent sound interruption during playback.

Notes:
● The speakers are magnetically shielded.
Therefore, they do not affect the display even you use them near the TV. However, some colour variation may occur, depending on the type of TV used.

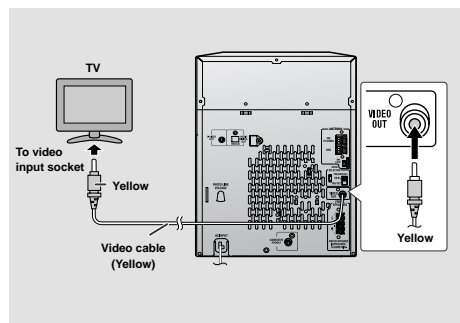
If colour variation occurs...
Turn off the TV (from the power switch).
After 15 - 30 minutes, turn the TV on again.

If the colour variation is still present...
Move the speakers further away from the TV.

● If any kind of magnet or an electromagnet is placed too close to the TV and the system, irregular colours may appear on the TV screen.

■ TV/monitor connection

If the TV/monitor has a video input, connect it to the VIDEO OUT socket on the rear of the unit.



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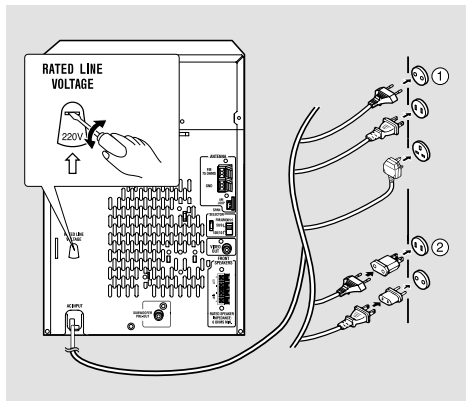
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Preparation for Use

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System connections (continued)



Main Unit

■ Setting the AC voltage selector

Check the setting of the AC voltage selector located on the rear panel before plugging the unit into a wall socket. If necessary, adjust the selector to correspond to the AC power voltage used in your area.

Turn the selector with a screwdriver until the appropriate voltage number appears in the window (110 V, 127 V, 220 V or 230 V - 240 V AC).

■ Connecting the AC power lead

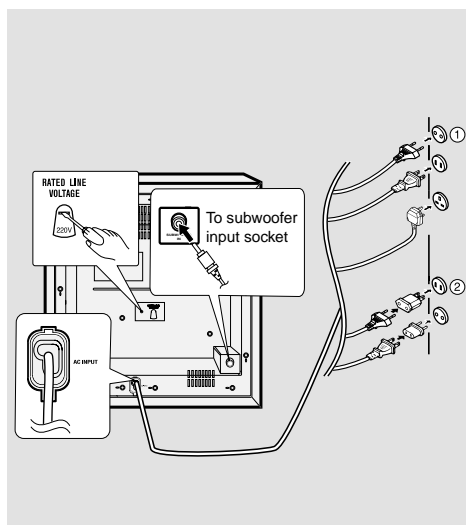
After checking all the connections have been made correctly, plug the AC power lead of this unit into the wall socket. If you plug the unit first, the unit will enter the demonstration mode (see page 15).

Notes:

- The unit will start the tape initialisation when plugged in to the AC socket. During this process, initialising sound will be heard and the unit cannot be turned on. Wait until the process is finished.
- Unplug the AC power lead from the wall socket if the unit will not be in use for a prolonged period of time.

AC Plug Adaptor

In areas (or countries) where a wall socket as shown in illustration ② is used, connect the unit using the AC plug adaptor supplied with the unit, as illustrated. The AC plug adaptor is not included in areas where the wall socket and AC power plug can be directly connected (see illustration ①).



Active Subwoofer

■ Setting the AC voltage selector

Check the setting of the AC voltage selector located on the rear panel before plugging the unit into a wall socket. If necessary, adjust the selector to correspond to the AC power voltage used in your area.

Turn the selector with a screwdriver until the appropriate voltage number appears in the window (110 V, 127 V, 220 V or 230 V - 240 V AC).

■ Connecting the AC power lead

After checking all the connections have been made correctly, plug the AC power lead of this unit into the wall socket.

Note:

- Unplug the AC power lead from the wall socket if the unit will not be in use for a prolonged period of time.

AC Plug Adaptor

In areas (or countries) where a wall socket as shown in illustration ② is used, connect the unit using the AC plug adaptor supplied with the unit, as illustrated. The AC plug adaptor is not included in areas where the wall socket and AC power plug can be directly connected (see illustration ①).

■ Connecting the subwoofer

Use the subwoofer cable to connect the SUBWOOFER PRE-OUT socket on the main unit and the SUBWOOFER IN socket on the active subwoofer.

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ENGLISH

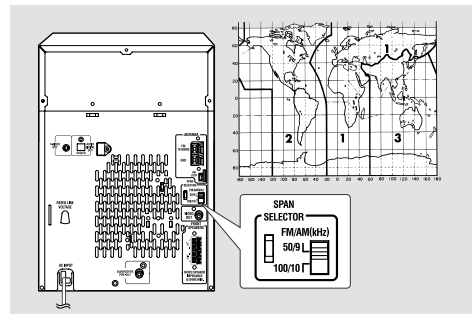
Preparation for Use

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System connections (continued)

■ Setting the FM/AM span selector



The International Telecommunication Union (ITU) has established that member countries should maintain either a 100 kHz or a 50 kHz interval between broadcasting frequencies of FM stations and 10 kHz or 9 kHz for AM station. The illustration shows the 50/9 kHz zones (regions 1 and 3), and the 100/10 kHz zone (region 2). Before using the unit, set the SPAN SELECTOR switch (on the rear panel) to the interval (span) of your area.

To change the tuning zone:

1. Press the ON/STAND-BY button to enter the stand-by mode.
2. Set the SPAN SELECTOR switch (on the rear panel) as follows.
 - For 50 kHz FM interval (9 kHz in AM) → 50/9
 - For 100 kHz FM interval (10 kHz in AM) → 100/10
3. Whilst pressing down the **PRESET** button and the X-BASS/DEMO button, press the **PRESET** button until "CLEAR AL" appears.

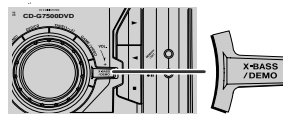
Caution:

This operation will erase all data stored in memory including clock, timer settings, tuner preset, and CD programme.

■ Demonstration mode

The first time the unit is plugged in, the unit will enter the demonstration mode. You will see words scroll.

HELLO



To cancel the demonstration mode:

When the unit is in the power stand-by mode (demonstration mode), press the X-BASS/DEMO button. The demonstration mode will be cancelled and the display will disappear.

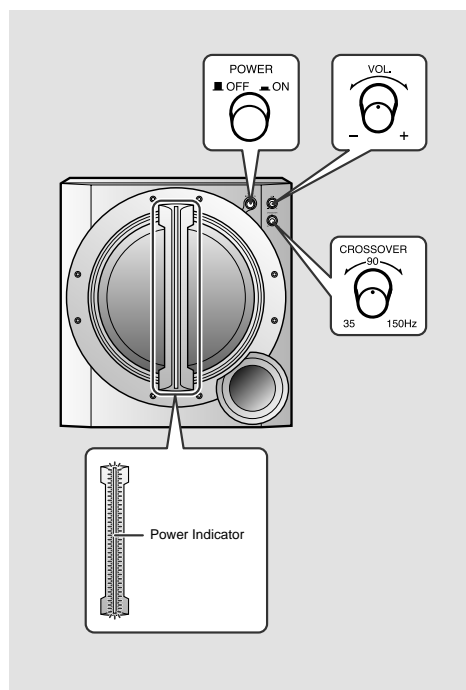
To return to the demonstration mode:

When the unit is in the power stand-by mode, press the X-BASS/DEMO button.

Note:

When the power is on, the X-BASS/DEMO button can be used to select the extra bass mode.

Subwoofer control



■ Power Switch

The POWER indicator lights up when you press the POWER switch to **ON**.

■ Volume control

Turn the VOLUME control clockwise to increase the volume, and turn it anti-clockwise to decrease the volume.

■ Crossover frequency control

Adjusts the high frequency cut-off point. Frequencies higher than the set frequency are removed.
To emphasise the bass, turn this control towards 35 Hz and increase the volume.

Notes:

Observe the following to avoid malfunction and sound distortion.

- Do not set the volume too high on the main unit. The subwoofer may be damaged.
- Before you switch on/off on the main unit, minimise the volume on the main unit.

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CP-G7500

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
Preparation for Use

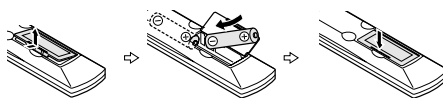
7

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Remote control

■ Battery installation

- 1 **Open the battery cover.**
- 2 **Insert the batteries according to the direction indicated in the battery compartment.**
When inserting or removing the batteries, push them towards the  battery terminal.
- 3 **Close the cover.**



■ Precautions for battery use:

- Replace all old batteries with new ones at the same time.
- Do not mix old and new batteries.
- Remove the batteries if the unit is not to be used for long periods of time. This will prevent potential damage due to battery leakage.

■ Caution:

- Do not use rechargeable batteries (nickel-cadmium battery, etc.).
- Installing the batteries incorrectly may cause the unit to malfunction.

■ Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic. Purchase 2 "AA" size batteries (UM/SUM-3, R6, HP-7 or similar).
- Periodically clean the transmitter on the remote control and the sensor on the unit with a soft cloth.
- Exposing the sensor on the unit to strong light may interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, heat, shock and vibrations.

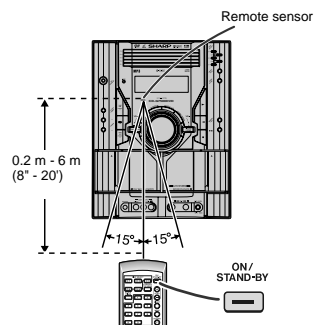
■ Test of the remote control

Check the remote control after checking all the connections have been made correctly. (See pages 10 - 15).

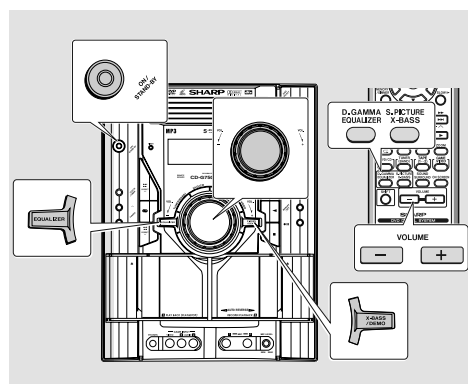
Point the remote control directly at the remote sensor on the unit.

The remote control can be used within the range shown below:

Press the ON/STAND-BY button. Does the power turn on? Now, you can enjoy music.



General control



■ To turn the power on

Press the ON/STAND-BY button to turn the power on.

■ After Use:

Press the ON/STAND-BY button to enter the power stand-by mode.

■ Illumination light control

When the power is turned on, light illuminates around the display. To turn on/off the light, hold down MEMORY/DIMMER button on the remote control for more than 2 seconds.

■ Volume control

Main unit operation:

When the VOLUME control is turned clockwise, the volume will increase. When it is turned anti-clockwise, the volume will decrease.

Remote control operation:

Press the VOLUME (+ or -) button to increase or decrease the volume.

VOLUME: 10 0 30 → MAXIMUM

■ Bass control

When the power is first turned on, the unit will enter the extra bass mode which emphasises the bass frequencies, and "X-BASS" will appear. To cancel the extra bass mode, press the X-BASS/DEMO (X-BASS) button.

NO DISC X-BASS X-BASS

■ Equaliser

When the EQUALIZER button is pressed, the current mode setting will be displayed. To change to a different mode, press the EQUALIZER button repeatedly until the desired sound mode appears.

For Tuner, Tape and other than DVD/VCD disc

For DVD/VCD disc only

→ FLAT	The Sound is not modified.	→ FLAT
→ ROCK	Bass and treble are emphasised.	→ MODE-1
→ CLASSIC	Treble is cut a little.	→ MODE-2
→ POPS	Bass and treble are slightly emphasised.	→ MODE-3
→ VOCAL	Vocals (midrange tones) are emphasised.	→ MODE-4
→ JAZZ	Treble is slightly emphasised.	→ MODE-5

For Game/Video mode

→ FLAT	The Sound is not modified.
→ ROCK	Bass and treble are emphasised.
→ CLASSIC	Treble is cut a little.
→ ACTION	Bass is emphasised.
→ SPORTS	Vocals and treble are emphasised.
→ RACING	Bass and treble are emphasised more.

Note:

If the EQUALIZER button is pressed in the extra bass mode, it will be cancelled automatically.

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CP-G7500

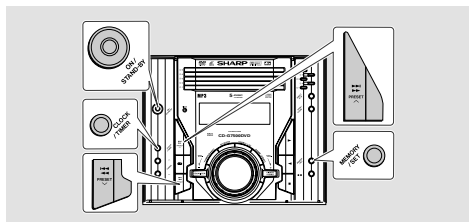
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Basic Operation

7

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Setting the clock

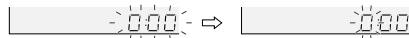


In this example, the clock is set for the 24-hour (0:00) display.

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the CLOCK/TIMER button.
- 3 Within 10 seconds, press the ◀◀◀ or ▶▶▶ button to select "CLOCK", and press the MEMORY/SET button.



- 4 Press the ◀◀◀ or ▶▶▶ button to select 24-hour or 12-hour display and then press the MEMORY/SET button.



- "0:00" → The 24-hour display will appear.
(0:00 - 23:59)
- "AM 12:00" → The 12-hour display will appear.
(AM 12:00 - PM 11:59)
- "AM 0:00" → The 12-hour display will appear.
(AM 0:00 - PM 11:59)

- 5 Press the ◀◀◀ or ▶▶▶ button to adjust the hour and then press the MEMORY/SET button.



Press the ◀◀◀ or ▶▶▶ button once to advance the time by 1 hour. Hold it down to advance continuously.

- 6 Press the ◀◀◀ or ▶▶▶ button to adjust the minutes and then press the MEMORY/SET button.



Press the ◀◀◀ or ▶▶▶ button once to advance the time by 1 minute. Hold it down to change the time in 5-minutes intervals.

To confirm the time display:

[When the unit is in the stand-by mode]

Press the CLOCK/TIMER button.

The time display will appear for about 10 seconds.

[When the power is on]

Press the CLOCK/TIMER button.

Within 10 seconds, press the ◀◀◀ or ▶▶▶ button to display the time.

The time display will appear for about 10 seconds.

Note:

The "CLOCK" will appear or time will flash to confirm the time display when the AC power supply is restored after a power failure or unplugging the unit. If incorrect, readjust the clock as follows.

To readjust the clock:

Perform "Setting the clock" from step 1. If the "CLOCK" does not appear in step 3, step 4 (for selecting the 24-hour or 12-hour display) will be skipped.

To change the 24-hour or 12-hour display:






- 1 Clear all the programmed contents. [Refer to "Clearing all the memory (reset)" on page 74 for details.]
- 2 Perform "Setting the clock" from step 1.

Note:

The clock can also be set with the remote control.

Types of playable discs

The unit can playback discs bearing any of the following marks:

DVD Video	DVD-R	DVD-RW	Audio CD	CD-R/CD-RW
				
See Note 1. See Note 2. See Note 3.	Disc recorded in Video Mode (*)	Disc recorded in Video Mode (*)		CD-R/CD-RW disc recorded in MP3/ WMA format file

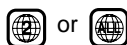
(*) playability depends on recording device or disc condition
(special disc, scratches, dirt or dirt on pick-up)

Note 1:

DVD video players and discs are designed with region numbers which dictate the regions in which a disc can be played. If the region number on the disc you want to play does not match the region number in your system, you will not be able to play the disc.



The region number for this system is 2.

Sample disc display:



Note 2:

The specific playback functionality for some DVD discs is determined by the disc manufacturer. Because this system plays disc data in accordance with the disc manufacturer's guidelines, some functions may not be available on some discs. Be sure to read the instructions provided with the disc.

The "Prohibited" indicator  or  displayed during operation indicates that such manufacturer-imposed restrictions apply.

Note 3:

This product supports the following modes.

- 2-channel (L/R) PCM audio
- Dolby Digital
- 2-channel MPEG audio
- 5.1 channel MPEG audio
- DTS audio (External decoder is required)

"DTS" and "DTS Digital Out" are trademarks of Digital Theater System, Inc.

Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

■ DVD-R/DVD-RW Playback

- DVD-R disc that has been recorded in Video Mode.
- DVD-RW disc that has been recorded in Video Mode.
- Make sure the DVD-R/DVD-RW disc has been finalized after recording process before playback on this unit.
- Further information about Video Mode, refer to DVD-R/DVD-RW recorder operation manual.

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CP-G7500

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DVD Explanation

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Types of playable discs (continued)

■ MP3 File Format



MP3 file format song data which is compressed in "MPEG 1 audio layer 3" format file. MP3 file is file with [.mp3] extensions. (If file with [.mp3] extensions but not recorded in MP3 format, only noise could be heard if it is possible to playback).


■ WMA File Format

WMA is an audio file format developed by Microsoft with [.wma] extensions. This type of audio file is being recorded through Microsoft Windows Operating system.

■ Disc that cannot be played






- This unit does not support below disc types:

- | | |
|---|-------------|
| ● DVD discs that are not included in region  or  | ● DVD-Audio |
| ● SECAM system DVD | ● CDG |
| ● DVD-ROM | ● Photo CD |
| ● DVD-RAM | ● CD-ROM |
| | ● SACD |

- Above disc sometimes cannot be playback, sometimes only pictures without sound will appear or only sound can be heard. Playing the disc may damage the speakers due to the possibility of enormous sound output or may even cause hearing injuries whilst using headphone.
- If DVD disc with DTS is playback, no sound can be heard. Select other sound output format to hear sound output.
- Disc that is sold in other region sometimes does not fit to standard. This type of disc cannot be played.
- Depending on DVD restriction, operation of the disc may be different than operation manual.
- When the system detects an incompatible disc, it displays indicator . When this happens, check the disc type.

Icons used on DVD discs

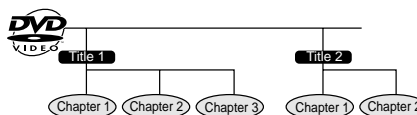
Sample Icons

	1. English 2. Japanese		1. English 2. Japanese		16:9 LB		2		Region code indicator (See page 20.)
Number of recorded audio tracks		Type of subtitles recorded		Video format		Disc with multiple camera angles		Region code indicator (See page 20.)	

Title, chapter and track

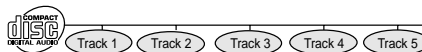
DVDs are divided into "titles" and "chapters". If the disc has more than one movie on it, each movie would be a separate "title". "Chapters" are subdivisions of titles.

Example: DVD



Audio CDs are divided into "tracks". You can think of a "track" as one tune on an audio CD.

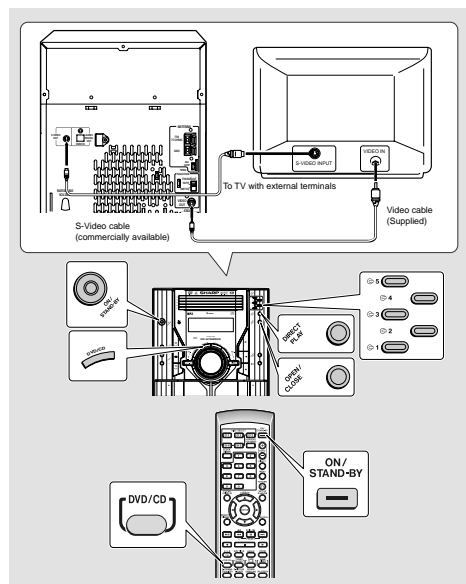
Example: Audio CD



Note:

Numbers identify each title, chapter and track on a disc. Most discs have these numbers recorded on them.

Preparing to watch a DVD (DVDs)



■ Connecting to TV

Besides the supplied video cable, you can use a commercially available S-video cable to connect your system to television equipped with an S-video input socket and enjoy viewing high-quality images on the TV screen. Be sure to turn both the system and the TV equipment off before connecting them.


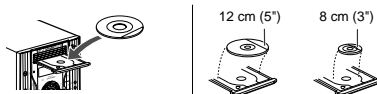
To watch DVD video images on the TV:

- 1 Turn on the TV.
- 2 Set the TV to "AV", "VIDEO", etc.
- 3 Turn on the unit and start play.
See page 33 for playing disc.

Note:

There is no audio signal supplied to the TV.

■ Loading a DVD (DVDs)

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button.
- 3 Press the  1 button and within 5 seconds, press the OPEN/CLOSE button to open the disc tray 1.
- 4 Place the DVD on the disc tray 1, label side up.
 - Be sure to place 8 cm (3") DVD(s) in the middle of the disc positions.
- 5 Press the OPEN/CLOSE button to close the disc tray.

Caution:

- Do not place two discs in one disc tray.
- Do not play discs of special shapes (heart, octagon, etc.). It may cause malfunctions.
- Do not push the disc tray whilst it is moving.
- If the power fails whilst the tray is open, wait until the power is restored.
- If the disc tray is stopped with force, "ER-CD20" will appear on the display for 3 seconds and the unit will not function. If this occurs, press the ON/STAND-BY button to enter the power stand-by mode and then turn the power on again.
- If TV or radio interference occurs during CD operation, move the unit away from the TV or radio.
- If a disc is damaged, dirty or loaded upside down, the disc will skip.

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CP-G7500

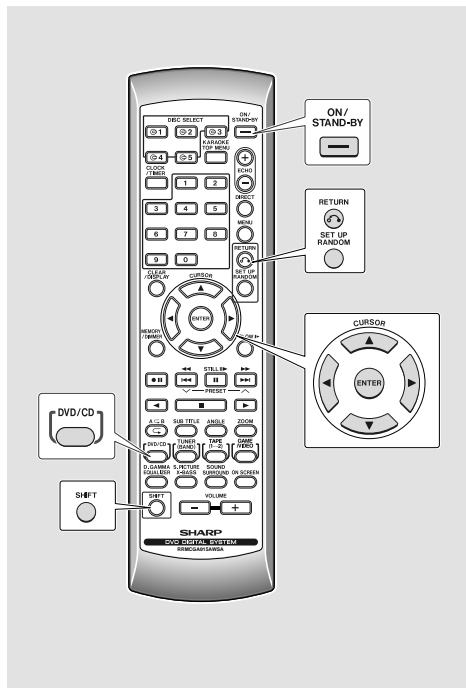
ENGLISH

DVD Explanation

CD-G7500DVD
CP-G7500
ENGLISH

Initial setup (OSD language setup)

DVD Setting



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When you use the unit for the first time, you should set the language to be used for the OSD (On Screen Display).

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button.
- 3 Whilst the disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 4 Use the ▲ or ▼ button to select the "OSD LANGUAGE SETUP" and then press the ENTER button. "OSD LANGUAGE SETUP" screen appears.
- 5 Use the ▲, ▼, ◀ or ▶ button to select the language you want to use.
- 6 Press the ENTER button to confirm the setting.



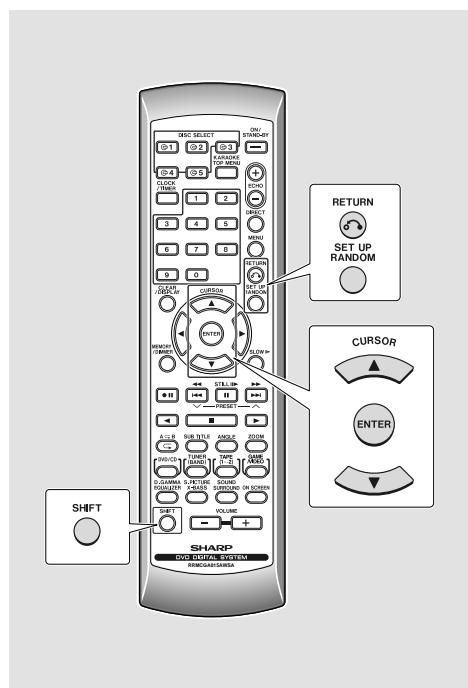
Notes:

- Once you go through this procedure, the screen appears in the language selected in step 5 above from the next operation.
- You cannot open the setup screen whilst a playback operation is in progress. If a disc is playing, stop playback first.

Setting up for playback of an NTSC disc

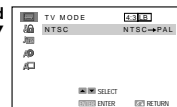
CD-G7500DVD
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Used to specify the colour system in accordance with the TV connected when playing back an NTSC disc.

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "TV MODE".
- 3 Press the ENTER button and then use the cursor ▲ or ▼ button to select "NTSC".



- 4 Press the ENTER button to display the setting selection.
- 5 Use the cursor ▲ or ▼ button to select "NTSC" or "NTSC → PAL".

About the NTSC settings:

NTSC: Select this setting when you have an NTSC TV or an NTSC-compatible Multi-System TV connected to the unit.

NTSC → PAL: Select this setting when you have a PAL TV connected to the unit. This setting converts the NTSC signal to a modified PAL signal.

- 6 Press the ENTER button to confirm the setting.

To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- When you playback the PAL discs, either setting of "NTSC → PAL" or "NTSC" can be used on a PAL TV or a Multi-System TV.
- PAL signal can not be converted to NTSC signal.
- This setting disable during play operation.

DVD Setting

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TV mode setup

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DVD Setting

The following describes how to select the DVD playback display format.

A. Viewing on a wide screen TV screen (16:9):

Using a 16:9 wide image

Select **[16:9]** for wide DVD video output.



- A wide image size is displayed when playing a wide image disc.
- When playing a 4:3 image disc, you can select the image size you want for the connected TV.

B. Viewing on a normal size TV screen (4:3):

1. Using pan scan

Select **[4:3 PS]**.



When playing a wide image disc, the left and right sides of the image are cut (pan scan) to display a natural-looking 4:3 size image. A wide image disc without pan scan **[PS]** is played back in letter box. A 4:3 disc is played in 4:3.

2. Using letter box

Select **[4:3 LB]**.



When playing a wide image disc, black bands are inserted at the top and bottom to make a 4:3 size image. A 4:3 disc is played in 4:3.

1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.

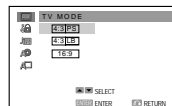
2 Use the cursor **▲** or **▼** button to select the **"TV MODE"**.



3 Press the ENTER button and then use the cursor **▲** or **▼** button to select "TV MODE".

4 Press the ENTER button to display the setting selection.

5 Use the cursor **▲** or **▼** button to select **"4:3 LB"**, **"4:3 PS"** or **"16:9"**.



6 Press the ENTER button to confirm the setting.

To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Note:

If you select 16:9 whilst a 4:3 TV is connected, playing a 16:9 disc will produce a vertically stretched image.

Parental setting

■ Parental level

Certain discs come preset with country codes and parental level settings that are defined for particular countries. Discs equipped with the parental lock function are rated according to their content. The rated content allowed by a parental lock level and the way a DVD can be controlled may vary from disc to disc. Some discs, for example, may let you edit out violent scenes and replace them with scenes more suitable for viewing by children. You can also use the parental lock to disable playback of the DVD entirely.

This system supports the following parental level settings.

Parental level Defines the parental level, which controls the types of scenes that are played back from a disc.

Code Allows selection of a country code available on a disc.

Notes:

- You can use the parental lock function only with DVDs that are equipped with the parental lock feature.
- The parental level depends on countries. If you do not set the country code correctly, it fails to work correctly.
- When you cancel parental setting, DVD discs can be played back regardless of the parental level.
- On some DVDs, the parental level setting is fixed and cannot be modified.

Country codes:

This system supports country codes for the following countries.

Country code list

USA	SWEDEN	MALAYSIA
CANADA	HOLLAND	INDONESIA
JAPAN	NORWAY	TAIWAN
GERMANY	DENMARK	PHILIPPINES
FRANCE	FINLAND	AUSTRALIA
UK	BELGIUM	RUSSIA
ITALY	HONG KONG	CHINA
SPAIN	SINGAPORE	—
SWISS	THAILAND	—

Passwords:

The parental level setting of this system can be protected by a password against unauthorised changes. Once you set a password, it must be input to perform the following operations.

- To change the parental level.
- To temporarily change the parental level during playback.

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CP-G7500

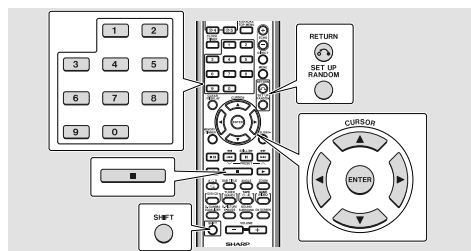
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DVD Setting

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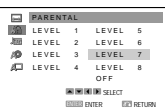
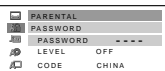
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Parental setting (continued)



■ Setting the parental level for the first time

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "PARENTAL SETUP".
- 3 Press the ENTER button to display the password specification screen.
- 4 Use the 0 - 9 buttons to enter a 4-digit password.
- 5 Press the ENTER button to select level.
- 6 Use the cursor ▲, ▼, ◀ or ▶ button to change the parental level. Then press the ENTER button.
 - Level 1: for most restrictive viewing → Level 8: for adult viewing (The smaller the number, the greater the level of restriction.)
 - When the parental level is set to "OFF", DVDs can be played back regardless of the parental level.



- 7 Press the cursor ▼ button to select "CODE", then press ENTER and then use the cursor ▲, ▼, ◀ or ▶ button to select the desired country code (see page 26).

- 8 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Caution:

Be sure to try playing back the disc to confirm that the parental level setting is working correctly. If it is not working correctly, try changing the country code.

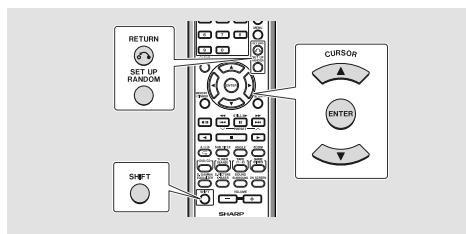
Notes:

- You must input the correct password to make any changes in the parental level. Be sure to keep a separate record of your password somewhere for later reference.
- Some DVDs allow the viewer to temporarily change the parental level setting to view the original scenes. When this prompt appears, enter the password to view the original scenes.
- You cannot open the setup screen whilst a playback operation is in progress. If a disc is playing, stop playback first.

■ Changing the parental level

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "PARENTAL SETUP".
- 3 Press the ENTER button to display the password verification screen.
- 4 Use the 0 - 9 buttons to enter the 4-digit password that was set previously.
 - If you enter the wrong number three times in succession, the normal screen reappears.
 - If you forget your password, you can erase your current password by pressing DVD STOP ■ button four times.
- 5 Press the ENTER button to select level.
Use the cursor ▲, ▼, ◀ or ▶ button to change the parental level.
- 6 Press the cursor ▼ button to select "CODE", then press ENTER and then use the cursor ▲, ▼, ◀ or ▶ button to select the desired country code (see page 26).
- 7 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Audio setting



■ Setting the Dolby Digital Out

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "AUDIO SETUP".
- 3 Press the ENTER button and then use the cursor ▲ or ▼ button to select "DIGITAL".
- 4 Press the ENTER button to display the settings you can select.

AUDIO	
COMPRESSION	ON
DIGITAL	BITSTREAM
MPEG	BITSTREAM
CINEMA	VOICE OFF
- 5 Use the cursor ▲ or ▼ button to select "BITSTREAM" or "D-PCM".

BITSTREAM: Use this setting for a digital connection of a receiver (amplifier) equipped with a Dolby Digital decoder.

D-PCM: Use this setting for a digital connection to the PCM digital input socket of a DAT or MD, or for a digital connection to a receiver (amplifier) that does not have a Dolby Digital decoder.

- 6 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

■ Setting the MPEG Audio Out

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "AUDIO SETUP".
- 3 Press the ENTER button and then use the cursor ▲ or ▼ button to select "MPEG".
- 4 Press the ENTER button to display the settings you can select.

AUDIO	
COMPRESSION	ON
DIGITAL	BITSTREAM
MPEG	BITSTREAM
CINEMA	VOICE OFF
- 5 Use the cursor ▲ or ▼ button to select "BITSTREAM" or "PCM".

BITSTREAM: Use this setting for a digital connection of a receiver (amplifier) equipped with an MPEG audio decoder.

PCM: Use this setting for a digital connection to the PCM digital input socket of a DAT or MD, or for a digital connection to a receiver (amplifier) that does not have an MPEG audio decoder.
- 6 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

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ENGLISH

DVD Setting

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Audio setting (continued)

■ Setting the cinema voice

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "AUDIO SETUP".
- 3 Press the ENTER button and then use the cursor ▲ or ▼ button to select "CINEMA VOICE".
- 4 Press the ENTER button to display the settings you can select.



- 5 Use the cursor ▲ or ▼ button to select "ON" or "OFF".
Note:
Sometimes it is hard to hear voice because of the background music, set ON to hear clear voice.
- 6 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

■ Setting the compression

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.
- 2 Use the cursor ▲ or ▼ button to select the "AUDIO SETUP".
- 3 Press the ENTER button and then use the cursor ▲ or ▼ button to select "COMPRESSION".
- 4 Press the ENTER button to display the settings you can select.



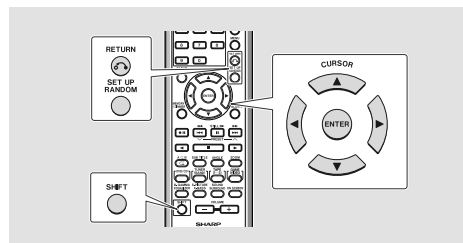
- 5 Use the cursor ▲ or ▼ button to select "ON" or "OFF".

- 6 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.
Note:
V-surround is not function if set to ON.

Disc language setting

Use this setting for selecting languages of subtitle, audio and disc menu.

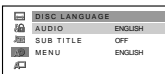
- Note that the language you select is not displayed or does not sound if it is not recorded on the disc you are playing.
- With some discs, it is intentionally disabled by the disc manufacturer to change the language of the subtitle, audio and disc menu through this setup screen. When playing such discs, try using the function control (page 36).



Setting SUBTITLE, AUDIO and MENU languages from 8 languages
Example: Selecting "FRENCH"

- 1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.

2 Use the cursor ▲ or ▼ button to select the “ DISC LANGUAGE”.




3 Press the ENTER button and then use the cursor ▲ or ▼ button to select “SUBTITLE”, “AUDIO” or “MENU”.
You can set “SUBTITLE”, “AUDIO” and “MENU” individually.

4 After selecting the item, press the ENTER button.

5 Select the language you want to use with the cursor ▲, ▼, ◀ or ▶ button.

If you want to use any languages that are not on OSD, proceed to step 1 to the right “Selecting a language from others”.



6 Press the ENTER button to confirm the setting.

7 Repeat steps 3 to 6 above to go on with other disc language settings in succession.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.


Note:

To set the changed language setting effective, the disc information should be read again by removing the disc (or loading another disc).

Selecting a language from others

Example: To select “AF” (Afrikaans)

1 In step 5 to the left, select “OTHER” with the cursor ▲, ▼, ◀ or ▶ button, then press the ENTER button to set the “OTHER” input item (two letters).



2 Use the cursor ◀ or ▶ button to select “A” as the first letter, the cursor ▲ or ▼ button to move to the second place, and then the cursor ◀ or ▶ button to select “F”.

3 Press the ENTER button to confirm the setting.
To exit the setup screen and return to the startup screen, press the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- You cannot open the setup screen whilst a playback operation is in progress. If a disc is playing, stop playback first.
- When “A” is selected for the first letter, only letters on the right side of codes beginning with “A” can be selected as the second letter. Refer to the codes beginning with “A” on “Language code list for disc language” (see page 31).


■ OSD language setting

1 Whilst a disc is stopped, press the SET UP button whilst pressing down the SHIFT button to display the setup screen.

2 Use the cursor ▲ or ▼ button to select the “ OSD LANGUAGE”.

3 Press the ENTER button and then use the cursor ▲ or ▼ button to select desired language.

4 Press the ENTER button to change OSD to selected language.



Only language below can be set.

ENGLISH	中文	ESPAÑOL	SVENSKA
NEDERLANDS	ITALIANO	DEUTSCH	FRANÇAIS

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CP-G7500

ENGLISH

DVD Setting

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Disc language setting (continued)

ENGLISH

Language code list for disc language

Code	Language name	Code	Language name	Code	Language name	Code	Language name
AA	Afar	FY	Frisian	MG	Malagasy	SN	Shona
AB	Abkhazian	GA	Irish	MI	Maori	SO	Somali
AF	Afrikaans	GD	Scots Gaelic	MK	Macedonian	SQ	Albanian
AM	Ameharic	GL	Galician	ML	Malayalam	SR	Serbian
AR	Arabic	GN	Guarani	MN	Mongolian	SS	Siswat
AS	Assamese	GU	Gujarati	MO	Moldavian	ST	Sesotho
AY	Aymara	HA	Hausa	MR	Marathi	SU	Sundanese
AZ	Azerbaijani	HI	Hindi	MS	Malay	SV	Swedish
BA	Bashkir	HR	Croatian	MT	Maltese	SW	Swahili
BE	Byelorussian	HU	Hungarian	MY	Burmese	TA	Tamil
BG	Bulgarian	HY	Armenian	NA	Nauruan	TE	Telugu
BH	Bihari	IA	Interlingua	NE	Nepali	TG	Tajik
BI	Bislama	IE	Interlingue	NL	Dutch	TH	Thai
BN	Bengali; Bangla	IK	Inupiaq	NO	Nonwegian	TI	Tigrinya
BO	Tibetan	IN	Indonesian	OC	Occitan	TK	Turkmen
BR	Breton	IS	Icelandic	OM	(Afan) Oromo	TL	Tagalog
CA	Catalan	IT	Italian	OR	Oriya	TN	Setswana
CO	Corsican	IW	Hebrew	PA	Panjabi	TO	Tonga
CS	Czech	JA	Japanese	PL	Polish	TR	Turkish
CY	Welsh	JY	Yiddish	PS	Pashto, Pushto	TS	Tsonga
DA	Danish	KA	Javanese	PT	Portuguese	TT	Tatar
DE	German	KK	Georgian	QU	Quechua	TW	Twi
DZ	Bhutanese	KL	Kazakh	RM	Rhaeto-Romance	UK	Ukrainian
EL	Greek	KM	Greenlandic	RN	Kirundi	UR	Urdu
EN	English	KN	Cambodian	RO	Romanian	UZ	Uzbek
EO	Esperanto	KO	Kannada	RU	Russian	VI	Vietnamese
ES	Spanish	KS	Korean	RW	Kinyarwanda	VO	Volapük
ET	Estonian	KU	Kashmiri	SA	Sanskrit	WO	Wolof
EU	Basque	KY	Kurdish	SD	Sindhi	XH	Xhosa
FA	Persian	LA	Kirghiz	SG	Sango	YO	Yoruba
FI	Finnish	LN	Latin	SH	Serbo-Croatian	ZH	Chinese
FJ	Fiji	LO	Lingala	SI	Singhalese	ZU	Zulu
FO	Faroese	LT	Laotian	SK	Slovak		
FR	French	LV	Lithuanian	SL	Slovenian		
			Latvian, Lettish	SM	Samoaan		

DVD Setting

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Changing the display mode

■ To change the display mode

You can select "auto", "on", or "off" as the display mode. The following shows what appears on the display when "auto" or "on" is selected.

Press the ON SCREEN button on the remote control.

Each press of the ON SCREEN button cycles through the display mode settings as follows:

→ on → off → auto →

auto Display indicators appear for about three seconds and then disappear.
on Display indicators remain displayed.
off Display indicators are not displayed.

Note:

With some discs, chapter numbers and elapsed playing time may not appear.

DVD



Title number/Chapter number/Elapsed playing time

Operation indicator

CD



Track number/Elapsed playing time

Operation indicator

■ DVD mode operation indicators

The following are examples of display indicators that appear during DVD playback.

Play attempted without a disc



Pause



Appears when display mode is "on".

Play attempted with a non-compatible disc

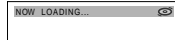


Slow

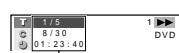


Appears when display mode is "on".

Loading (data being read from disc)

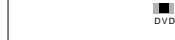


Fast Forward



Appears when display mode is "on".

Stop



Fast Reverse



Appears when display mode is "on".

Play



Appears when display mode is "on".

When resume function can be used



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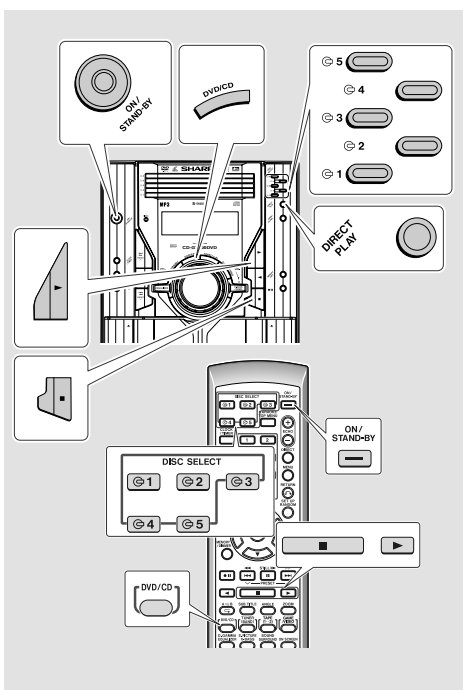
DVD Setting

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Playing a DVD (DVDs)

DVD Playback



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■ To play a disc

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button to display the startup screen shown.

- 3 Load the disc(s) you want to play.
See page 22 for information about loading discs.
- 4 Press the ► button to start playback.

Notes:

- If the disc you are using supports auto start, it starts to play automatically (even if you do not press the ► button), as soon as you close the disc tray.
- The indicator "WRONG DISC TYPE" appears on the display if the disc you are using is damaged, if you load the disc upside down, or if the region number of the disc you are using is one that is not supported by this unit. If the above indicator appears, reload the disc or replace it with another one.
- A safety feature automatically sets the unit to the power stand-by mode if you set the volume level too high whilst playing certain types of discs. If this happens, lower the volume level and restart playback.
- The unit also can directly power on at CD function by pressing DVD/CD button or direct playback (if last function is CD) by pressing ► button during stand-by mode.

To play the desired disc:

Press one of the 1 - 5 buttons to select the desired disc and then press the DIRECT PLAY button.

To stop disc playback:

Press the ■ button.

Other disc play features

This section explains how to use skip, resume, slow motion, and other playback features.

■ Chapter skip

Whilst a disc is playing, press the **PRESET ∨** or **PRESET ∧** button.

- The **PRESET ∧** button skips to the next chapter.
- The **PRESET ∨** button skips to the beginning of the current chapter. Press the **PRESET ∨** button again to skip to the beginning of the previous chapter.
- You can also press the **PRESET ∨** or **PRESET ∧** button on the remote control for the same operation.

Notes:

- Chapter information on some discs may not appear on the screen.
- You may not be able to use this function with certain discs.

■ To resume playback after stopping

- 1 Whilst the disc is playing, press the **■** button at the point you want to stop.
The system stores the point you stopped.

- 2 To restart play, press the **▶** button.

- Play resumes from a point slightly before the point it was stopped.
- Press the **▶** button to resume disc play.

This resume operation does not work in the following cases:

- If you press the **■** button twice.
- If you press the **■** button during auto playback.
- If you remove a disc and then load another one.

Notes:

- After you press the **■** button to stop playback, you can press the **■** button again and **▶** button to resume playback from the beginning of the disc.
- This operation may not be performed with certain types of discs.
- Resume may not be performed during menu playback.

■ Slow-motion play

- 1 Whilst a disc is playing, press the **SLOW ▶** button.
Three speeds are available. Each time the button is pressed, the speed of slow-motion playback changes in the following sequence:

→ 1 (about × 1/2) → 2 (about × 1/8) → 3 (about × 1/16) →

- 2 Press the **▶** button to return to the normal playback.

Notes:

- On some discs, the slow-motion playback functions are disabled.
- Slow-motion playback is disabled on audio CDs.

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DVD Playback

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SHARP TINSZA159AWZZ (S)

*CD-G7500DVD(EN)33-35

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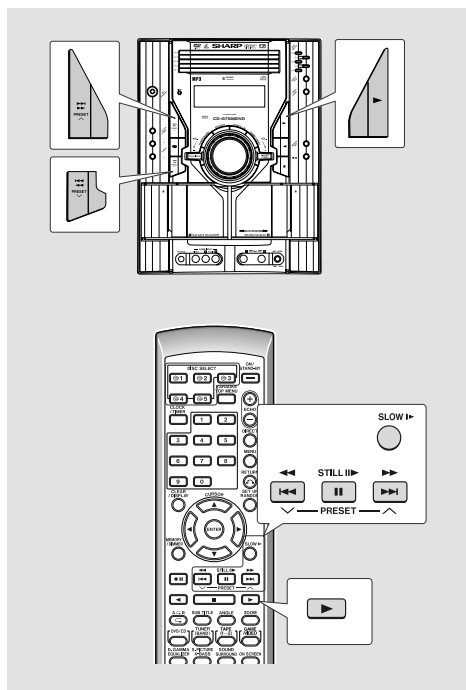
05.1.13, 14:42

CD-G7500DVD (S)
TINSZA159AWZZ

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Other disc play features (continued)

DVD Playback



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Still (Pause) and frame advance

- 1 Whilst a disc is playing, press the **STILL** button.
 - This freezes the image on the screen.
 - Each press of the **STILL** button advances the frame in the still mode.
- 2 To cancel still picture and return to normal play, press the **▶** button.

Notes:

- You may not be able to use these functions with some discs.
- Frame advance cannot be used with audio CDs.
- This operation performs the audio CD pause function.

Fast forward/Fast reverse

- 1 Press and hold down the **PRESET** button for more than 1.5 seconds whilst a disc is playing.
 - The disc begins fast scan at x 2 speed (1).
 - Three speeds are available. Each time the **PRESET** button is pressed, the speed of fast scan changes in the sequence shown on the right:
 - You can also press the **PRESET** button on the remote control for the same operation.
- 2 Press the **▶** button to return to normal playback.

Notes:

- On some discs, the fast scan function is disabled.
- On DVD video discs, sound and subtitles are not played back during the fast scan playback. (Only at fast forward 1 speed sound can be heard.)
- With a DVD video disc, you can search within one title only. Playback starts from the beginning of the title.

Using the function control

■ About the function control screen

Using function control, you can check at a glance and change the current settings of the following items: subtitle, angle, audio, digital gamma and digital super picture.

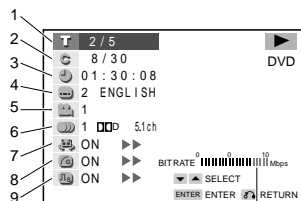
Function control also allows you three ways of direct skips (title, chapter and time).

- Whilst the disc is playing, press the SET UP button whilst pressing down the SHIFT button to display the screen shown below.
- Pressing the cursor ▲ or ▼ button changes the currently selected item.

Note:

To exit the setup operation, press the RETURN button. This returns to the screen that was shown before the setup screen was displayed.

1. Direct title skip
2. Direct chapter skip
3. Direct time skip
4. Subtitle
5. Angle
6. Audio
7. 3-D Virtual surround
8. Digital gamma
9. Digital super picture



BITRATE indicates the amount of data that is being transferred to the unit per second. However, note that picture quality is not always in proportion to the bit rate.

- 1 **Direct title skip (page 37)**
 - The number of the title currently played back is displayed.
 - You can skip directly to the desired title.
- 2 **Direct chapter skip (page 37)**
 - The number of the chapter currently played back is displayed.
 - You can skip directly to the desired chapter.
- 3 **Direct time skip (page 38)**
 - Elapsed time from the beginning of the disc is displayed.
 - You can skip directly to the point from which you want to start playback.
- 4 **Subtitle language setting (page 38)**
 - The subtitle number and language currently selected are displayed. (When a disc with no subtitle is played back, "xx" is displayed.)
 - You can select the desired subtitle language.
- 5 **Angle setting (page 38)**
 - The current angle is displayed. (When a disc with no angle is played back, "xx" is displayed.)
 - You can select the desired angle.
- 6 **Audio setting (page 39)**
 - The type of audio currently selected is displayed.
 - You can select the desired type of audio.
- 7 **3-D virtual surround setting (page 39)**
 - Only function if Dolby Disc recorded DVD is played.
 - You can activate/deactivate the setting or change the level.
- 8 **Digital gamma setting (page 40)**
 - You can make the entire image easier to see by brightening the darker and obscure portions.
 - You can activate/deactivate the setting or change the level.
- 9 **Digital super picture setting (page 41)**
 - This function enhances the fine details of the image and outlines of the objects by reducing the amount of picture noise.
 - You can activate/deactivate the setting or change the level.

Note:

In function control mode, you can return to the previous setting screen by pressing the RETURN button or the SET UP button whilst pressing down the SHIFT button.

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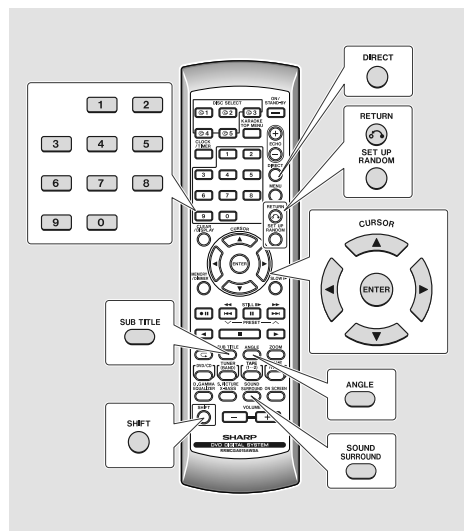
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Advanced DVD Features

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Using the function control (continued)



■ Direct title skip

Example: Selecting title 5

- 1 Press the DIRECT button to select .

- 2 Use the 0 - 9 buttons to select the title number to which you want to skip.

- You can also select the title number by pressing the cursor or button.

- 3 Press the ENTER button.

The image changes to the beginning of the specified title.

Notes:

- The number of titles you can enter depends on that of the titles recorded on a disc you play.
- The direct title skip function is not performed with discs on which no titles are recorded.

■ Direct chapter skip

Example: Selecting chapter 10

- 1 Press the DIRECT button twice to select .

- 2 Use the 0 - 9 buttons to select the chapter number to which you want to skip.

- You can also select the chapter number by pressing the cursor or button.






- 3 Press the ENTER button.

The image changes to the beginning of the specified chapter.

Note:

The number of chapters you can enter depends on that of the chapters recorded on the disc.

■ Direct time skip








- 1 Press the DIRECT button three times to select .
- 2 Use the 0 - 9 buttons to enter the time to which you want to skip.
 - You can also enter the time by pressing the cursor  or  button. To do so, press the cursor  or  button to select the place where you want to enter the time.
- 3 Press the ENTER button. The image jumps to the point you specified.

Notes:

- The time you can enter depends on the time recorded on a disc.
- The direct time skip function is not performed with discs on which no times are recorded.

■ Subtitle language setting

Example: Selecting "3 SPANISH"






- 1 Press the SET UP button whilst pressing down the SHIFT button during playback. The function control screen appears.
- 2 Use the cursor  or  button to select  and then press the ENTER button.
- 3 Press the cursor  or  button to select the subtitle language you want to use. You can also toggle the setting between "ON" and "OFF" by pressing the cursor  or  button.
- 4 Press the ENTER button to confirm the setting. You can exit the function control screen by pressing the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- You can also press the SUB TITLE button on the remote control for the same operation in step 3. (You do not need to do the steps 1 and 2.)
- This function can only be used for discs on which subtitles have been recorded with multiple subtitles.
- Some DVD discs are marked "Forced Display", indicating that the subtitling cannot be suppressed. With such discs, the subtitles will be displayed even when you select "OFF". This does not indicate a fault with your unit.
- If no subtitles are recorded on the disc, "xx" is displayed.

■ Angle setting

You can change the angle of view when playing a DVD video disc that contains scenes recorded from multiple angles.

- 1 Press the SET UP button whilst pressing down the SHIFT button during playback. The function control screen appears.
- 2 Use the cursor  or  button to select  and then press the ENTER button.
- 3 Press the cursor  or  button to select the angle number you want. The number of recorded angles differs depending on the disc used.
- 4 Press the ENTER button to confirm the setting. You can exit the function control screen by pressing the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- You can also press the ANGLE button on the remote control for the same operation in step 3. (You do not need to do the steps 1 and 2.)
- This function can only be used for discs on which scenes shot from multiple angles have been recorded.

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Using the function control (continued)

■ Audio setting

A number of different methods are used to record audio onto a DVD video disc, including multi-channels (used for voiceovers in other languages), DTS, MPEG audio and Linear PCM. Your system provides a number of different audio modes from which you can choose to suit the type of disc you are playing.


- 1 Press the SET UP button whilst pressing down the SHIFT button during playback.
The function control screen appears.
- 2 Use the cursor ▲ or ▼ button to select  and then press the ENTER button.
- 3 Press the cursor ▲ or ▼ button to select the audio format you want to use.
- 4 Press the ENTER button to confirm the setting.
You can exit the function control screen by pressing the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- This function can only be used for discs on which the sound has been recorded in multiple formats.
- With certain types of discs, you can change the audio using the disc menu (see page 44).
- You can also press SURROUND button whilst pressing down the SHIFT button on the remote control for same operation in step 3. (You can skip steps 1 and 2).

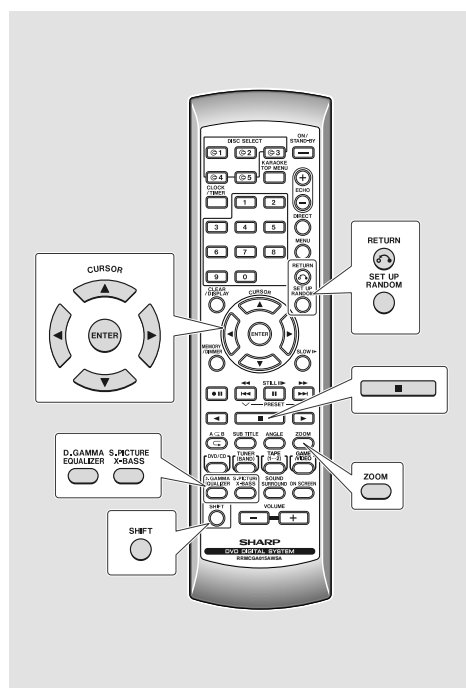
■ 3-D Virtual surround setting

- You can enjoy 3-D surround with DVD which recorded with Dolby Digital Sound.
- You also can enjoy 3-D surround with 3 speakers.

- 1 Press the SET UP button whilst pressing down the SHIFT button during playback.
The function control screen appears.
- 2 Use the cursor ▲ or ▼ button to select  and then press the ENTER button.
- 3 Press the cursor ▲ or ▼ button to select "ON" or "OFF".
- 4 Whilst "ON" is selected, use the cursor ◀ or ▶ button to change the level setting.
- 5 Press the ENTER button to confirm the setting.
You can exit the function control screen by pressing the SET UP button whilst pressing down the SHIFT button or the RETURN button.

Notes:

- 3-D Virtual Surround will not function when Compression is in [ON] setting. (Refer page 29)
- 3-D Virtual Surround will function when headphone is in used.
- The Equaliser mode will change to FLAT mode when 3-D Virtual surround is ON.
- You can also press the SURROUND button on the remote control for the same operation in step 3. (You do not need to do the steps 1 and 2).



Digital gamma setting

Digital gamma is a digital image quality enhancement function that gives a richer image by brightening the darker and more obscure portions of the image without altering the brightness of the brighter portions, thereby making the entire image easier to see.

Use the following procedure to change the setting between "ON" and "OFF", and the level for the digital gamma setting.

- 1 Press the SET UP button whilst pressing down the SHIFT button during playback.
The function control screen appears.
- 2 Use the cursor \blacktriangle or \blacktriangledown button to select D.GAMMA and then press the ENTER button.
- 3 Press the cursor \blacktriangle or \blacktriangledown button to select "ON" or "OFF".
- 4 Whilst "ON" is selected, use the cursor \blacktriangle or \blacktriangledown button to change the level setting.
- 5 Press the ENTER button to confirm the setting.

Note:

You can also press the D.GAMMA button whilst pressing down the SHIFT button on the remote control for the same operation in step 3.
(You do not need to do the steps 1 and 2.)

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Advanced DVD Features

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Using the function control (continued)

■ Digital super picture setting

Digital super picture is a digital image quality enhancement function that gives a clearer image by sharpening the details and outlines in the image and reducing the amount of picture noise. Use the following procedure to change the setting between "ON" and "OFF", and the level for the digital super picture setting.

- 1 Press the **SET UP** button whilst pressing down the **SHIFT** button during playback.
The function control screen appears.
- 2 Use the cursor **▲** or **▼** button to select **SP** and then press the **ENTER** button.
- 3 Press the cursor **▲** or **▼** button to select "ON" or "OFF".
- 4 Whilst "ON" is selected, use the cursor **◀** or **▶** button to change the level setting.
 - To see more details in very intricate images, set the level to **bbb**.
 - To obtain a subtle softening of the outlines of the displayed images, set the level to **ccc**.
 - Setting the level to **bbb** for DVD playback improves image quality.
- 5 Press the **ENTER** button to confirm the setting.
You can exit the function control screen by pressing the **SET UP** button whilst pressing down the **SHIFT** button or the **RETURN** button.

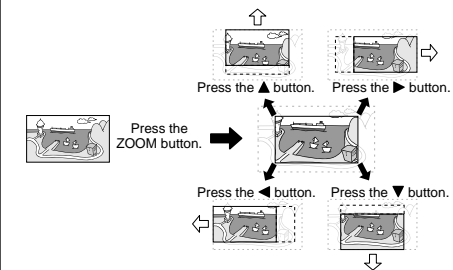
Note:

You can also press the **S. PICTURE** button whilst pressing down the **SHIFT** button on the remote control for the same operation in step 3. (You do not need to do the steps 1 and 2.)

■ To zoom an image

Whilst a disc is playing, press the **ZOOM** button.

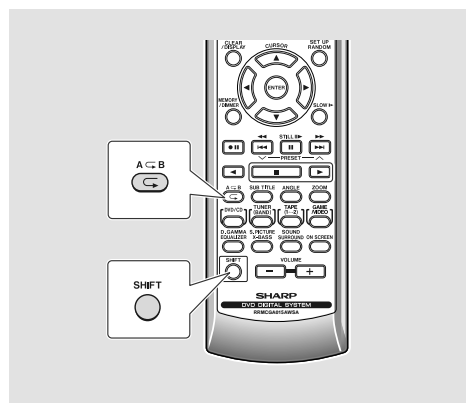
- Each press of the **ZOOM** button cycles through the zoom settings as follows: ZOOM: 1 (X 1.2) → ZOOM: 2 (X 1.5) → ZOOM: 3 (X 2.0) → Off. Note that all of the above zoom factors are approximate only.
- Whilst an image is zoomed, you can press the cursor **▲**, **▼**, **◀** and **▶** button to shift the view and display the part you want.



Notes:

- An image may become distorted when zoomed.
- When you press the **■** button or the **SET UP** button whilst pressing down the **SHIFT** button, the zoom operation is cancelled and the image returns to normal size.
- The zoom setting is cancelled automatically whenever you display a DVD screen that enables you to change the scene by pressing the cursor **▲**, **▼**, **◀** or **▶** button.
- Subtitles cannot be zoomed.
- The **ZOOM** indicator changes from white to red to inform you that you are trying to perform an illegal shift of view. If you are already at the far left side of the image, for example, the **ZOOM** indicator will become red when you press the cursor **◀** button.

Repeat playback



■ Chapter repeat

Example: To repeat the chapter you are currently viewing

- 1 Play the chapter you want to repeat.
 - 2 Press the **A < B** button to repeat the chapter.
- To cancel repeat play, press the **A < B** button twice. This clears the "A < B" indicator from the display.

Note:

You may not be able to use this function with some discs.

■ Title repeat

Example: To repeat the title you are currently viewing

- 1 Play the title you want to repeat.
 - 2 Press the **A < B** button twice to repeat the title.
- To cancel repeat play, press the **A < B** button again. This clears the "A < B" indicator from the display.

Note:

You may not be able to use this function with some discs.

■ A-B repeat

- 1 When playback reaches the start point of the scene, press the **A < B** button whilst pressing down the **SHIFT** button.
 - This displays "A < B" (repeat) indicator.
 - This registers the start point (A).
- 2 When playback reaches the end point of the scene, press the **A < B** button whilst pressing down the **SHIFT** button again.
 - This starts A-B repeat from the start point (A) to the end point (B).
 - To cancel A-B repeat, press the **A < B** button whilst pressing down the **SHIFT** button again. This clears the "A < B" indicator from the display.

Notes:

- A-B repeat cannot be used with the multi-angle function (see page 38).
- You may not be able to use this function with some discs.

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CP-G7500

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Advanced DVD Features

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Programme playback

■ Chapter programmed playback

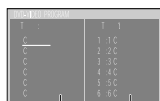
You can choose up to 24 favorite chapters for playback in the order you like using this function. (Title cannot be programmed)

- 1 Whilst a disc is stopped, press the **MEMORY/DIMMER** button to display the programme screen.



Cursor

- 2 Use the cursor **▲** or **▼** button to select the desired title and then press the **ENTER** button.



Selection area Confirmation area

- 3 Use the cursor **▲** or **▼** button to select the desired chapter and then press the **ENTER** button.
 - Selected chapter will be register on confirmation area.
 - Repeat steps 2 - 3 for another chapter.
 - To clear the programmed chapter, press cursor **▶**, **▲** or **▼** button to select unwanted number in confirmation area and press the **CLEAR/DISPLAY** button. Press **◀** button to go back to selection area.

- 4 Press the **▶** button to start play.

Adding chapters into the programme:

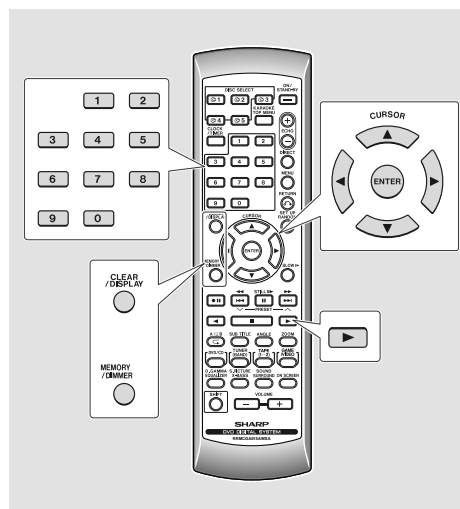
Follow steps 1 - 3, the new chapter number will be added after last number of original programme.

To clear the programme:

1. Whilst in the stop mode, press **MEMORY/DIMMER** button.
2. To clear all programme, press and hold down the **CLEAR/DISPLAY** button for more than 3 seconds whilst in the confirmation area.

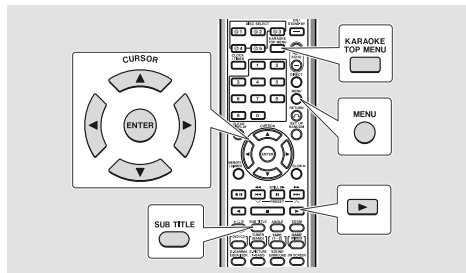
Notes:

- Direct search button [1] to [0] can be used to select the title and chapter.
- Disc without title or chapter registered cannot be programmed.
- To programme other chapters sequentially, use the direct search buttons to select and press the **ENTER** button.
- Programme cannot be executed during playback or in pause mode.
- To discontinue the programme, press **MEMORY/DIMMER** button.
- To play the same programme again, press **MEMORY/DIMMER** button and then press **▶** button.
- Chapter from different title cannot be programme at the same time.



Selecting titles from the menu

Some DVDs have a title menu that you use to select the title you want to play.



■ To select a title

This function can be performed with only discs that have been played once, totally or partially.

- 1 Whilst the disc is stopped, press the TOP MENU button to display its title menu.
- 2 Use the cursor ▲, ▼, ◀ or ▶ button to select the title you want.
- 3 Press the ► or ENTER button to start playing the selected title.

Notes:

- Some DVDs use the term "top menu" instead of "title menu".
- If the disc you are using does not have a title menu, nothing appears on the screen even if you press the TOP MENU button.
- The procedure shown here provides only general steps. The actual procedure for using the title menu depends on the disc you are using. See the disc jacket for details.
- The title menu does not appear immediately after you load a disc. It appears only if the disc has been played once, totally or partially.

Setting parameters using the disc menu

Some DVDs include a disc menu that you can use to select subtitle set, audio channel, and DTS or MPEG audio. You can also turn disc menu on and off.

■ To turn on subtitles (example)

This function can be performed with only discs that have been played once, totally or partially.

- 1 Whilst the disc is stopped, press the MENU button to display the disc menu.
- 2 Use the cursor ▲, ▼, ◀ or ▶ button to select the subtitle item on the disc menu.
- 3 Press the ENTER button to display the subtitle language selection screen.
- 4 Use the cursor ▲, ▼, ◀ or ▶ button to select the desired subtitle language.
- 5 Press the ENTER button to register your selection and display the subtitles in the language you have set.
Repeat the above procedure to make other settings (audio channel, DTS, MPEG audio, etc.).

Notes:

- The procedure shown here provides only general steps. The actual procedure for using the disc menu depends on the disc you are using. See the disc jacket for details.
- The disc menu does not appear immediately after you load a disc. It appears only if the disc has been played once, totally or partially.
- During playback, you can also press the SUB TITLE button on the remote control for the same operation in steps 1 - 3.

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Advanced DVD Features

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Video CD

Any CD that contains motion pictures can be played. You can enjoy motion pictures with the sound quality of MDs and the picture quality of VHS tapes. Digital compression technology allows the continuous playback of up to 74 minutes from a 12 cm disc. With video CDs, you can select the items you want to watch from the on-screen menu. The disc symbols are found on the disc labels or jackets.

Symbol		
Size	8 cm (3")	12 cm (5")
Label sides	1 side	1 side
Audio recording format	Digital (max. 20 min)	Digital (max. 74 min)
Video recording format	MPEG 1	


■ Types of discs

This unit handles video CDs that support P.B.C. (version 2.0). (P.B.C. is an abbreviation of "Playback control".)

You can enjoy the following two types of playback, depending on the disc.

Disc type	Features
Video CDs without P.B.C. (version 1.1)	Sound and motion pictures can be played using the same control operations as applied to music CDs.
Video CDs with P.B.C. (version 2.0)	In addition to the features shown above (for discs without P.B.C.), P.B.C. CDs have a menu that is displayed on the TV screen. You can play interactive games and make use of other software with the retrieval function (menu playback). You can also display high resolution or normal still pictures.

Notes:

- Video CDs are recorded in PAL or NTSC format.
- Analogue system CDVs (12 cm)  cannot be played.
- Photo CDs and CD-ROMs cannot be played.

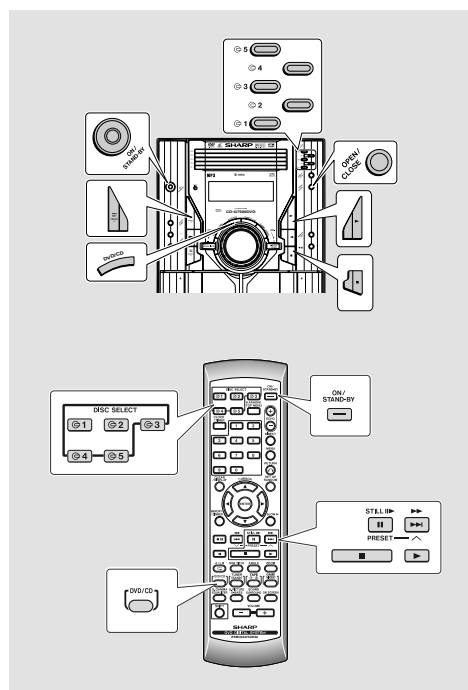
Preparation for video CD playback

■ Selecting the video output format

Video CD is recorded in PAL or NTSC format.

Select the video output format (NTSC or PAL) according to your TV or VCR. Refer page 24 (Setting up for playback of an NTSC disc).

Video CD playback

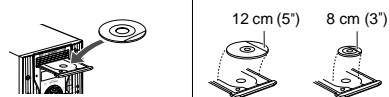


Playback control:

Video CDs that support "Playback control" can display still pictures. This function can be used with video CD software (video CDs with playback control) that have a playback method recorded on them. You can select items you want to watch from the menu displayed on the TV screen, or you can show still pictures. Turn on the TV and set the input selector to "VCR".

■ Playback

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button.
- 3 Press the \odot 1 button and within 5 seconds, press the OPEN/CLOSE button to open the disc tray 1.
- 4 Place discs on the disc tray, label side up.
 - Be sure to place 8 cm (3") discs in the middle of the disc positions.



- 5 Press the OPEN/CLOSE button to close the disc tray.
- 6 To select the disc you want to listen to first, press one of the \odot 1 - \odot 5 buttons and within 5 seconds, press \blacktriangleright button to start playback.
 - Playback will begin from track 1 on the disc you have selected to play. After that disc finishes playing, the next disc will automatically start playback.
 - When the last track on the fifth disc has finished playing, the CD player will automatically stop.
 - When there is no disc in one of the disc 1 - 5 trays, that tray will be skipped and the next disc will begin to play.

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Video CD/CD Playback

Video CD playback (continued)

To interrupt playback:

Press the **II/STILL III▶** button on the remote control.
To resume playback from the same point, press the **▶** button.

To stop playback:

Press the **■** button.

To exchange to other disc whilst playing:

Press one of the **⊙ 1 - ⊙ 5** buttons of the stopped disc and within 5 seconds, press the **OPEN/CLOSE** button and exchange discs.

To remove the discs:

Whilst in the stop mode, press the **⊙ 1 - ⊙ 5** buttons and within 5 seconds, press the **OPEN/CLOSE** button.

Notes:

- Playback control allows a video CD to be played back according to instructions recorded on the disc. The "previous", "next", "return" and "select" operations may function differently, depending on the P.B.C. CDs.
- Some video CDs with playback control may have an "auto pause" recorded on them. When such a disc is played, the screen will stop automatically at the point where an "auto pause signal" has been inserted.
- If the picture looks dirty when a video CD is played back, there may be a scratch on the video CD. Replace it with another video CD in good condition.

Caution:

- Do not place two discs in one disc tray.
- Do not play discs of special shapes (heart, octagon, etc.). It may cause malfunctions.
- Do not push the disc tray whilst it is moving.
- Do not turn the disc tray by hand. This may cause malfunctions.
- If the power fails whilst the tray is open, wait until the power is restored.
- If the disc tray is stopped with force, "ER-CD20" will appear on the display for 3 seconds and the unit will not function. If this occurs, press the **ON/STAND-BY** button to enter the power stand-by mode and then turn the power on again.
- If TV or radio interference occurs during CD operation, move the unit away from the TV or radio.
- If a disc is damaged, dirty, or loaded upside down, the disc will skip or not play back.

■ To play without activating the playback control function (Video CD with P.B.C. only)

You can play a video CD with P.B.C. without activating the playback control function.

In this case, the menu screen will not appear, and the disc will be played in the same way as a video CD without P.B.C..

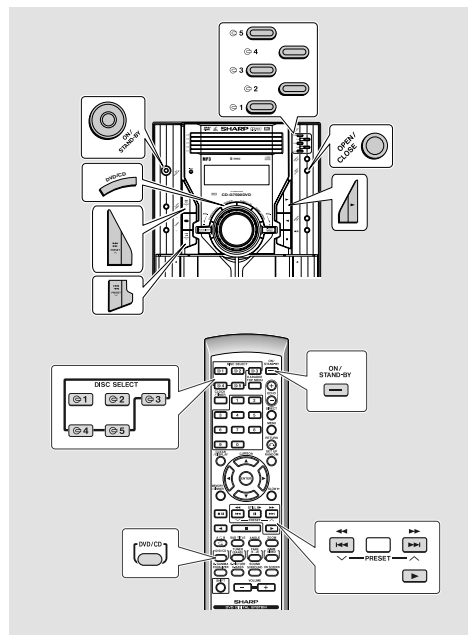
- 1 Whilst in the stop mode, press the **▶▶▶▶ PRESET ^ (▶▶ / ▶▶) button to cancel the P.B.C. mode and press ▶ button to start playback.**

Notes:

- The P.B.C. function cannot be cancelled whilst in the playback mode.
- Some video CDs with P.B.C. cannot be played back when the P.B.C. mode is off.
- P.B.C. mode will automatically set after stop the playback.

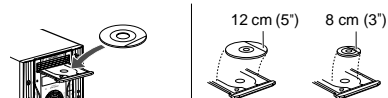
CD playback

This system can also play audio CD-R and CD-RW discs, but cannot record. Some audio CD-R and CD-RW discs may not be playable due to the state of disc or the device that was used for recording.

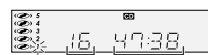


■ CD playback

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button.
- 3 Press the 1 button and within 5 seconds, press the OPEN/CLOSE button to open the disc tray 1.
- 4 Place the CD on the disc tray 1, label side up.
 - Be sure to place 8 cm (3") discs in the middle of the disc positions.



- 5 Press the OPEN/CLOSE button to close the disc tray 1.



Total number of tracks on the CD whose number is flashing

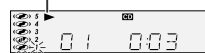
Total playing time of the CD whose number is flashing

"CD" will appear.

- 6 You can place discs on the trays 2 - 5 by following steps 3 - 5.

- 7 Press the button to start playback.

CD play indicator



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Video CD/CD Playback

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CD playback (continued)

- Playback will begin from track 1 on the DISC 1. After that disc finishes playing, the next disc will automatically play.
- After the last track on the fifth disc is played, the CD player stops automatically.
- When there is no CD in one of the disc trays (1 - 5), the empty tray will be skipped to the next tray with a CD.

To exchange other CDs whilst playing a disc:

Press one of the 1 - 5 buttons of the stopped disc and within 5 seconds, press the OPEN/CLOSE button and exchange discs.

To remove the discs:

In the stop mode, press the 1 - 5 buttons and within 5 seconds, press the OPEN/CLOSE button.

Auto power on function:

When you press any of the following buttons, the unit turns on.

- DVD/CD button (main unit and remote control): The unit turns on and the "CD" function is activated.
- button on the main unit or remote control: The unit turns on and playback of the last function starts (DVD/CD, TAPE, TUNER, GAME).

Starting playback with a desired track

You can play a disc starting with the desired track.

- 1 Whilst in the stop mode, press one of the 1 - 5 buttons to select the desired disc and press button to start playback.

- 2 Press the PRESET or PRESET button to select the desired track and its playback starts automatically.

- You can also press the or button on the remote control for the same operation.
 - You can also select the desired track by pressing the 0 - 9 buttons, then press button on the remote control.
 - The playback of the selected track is started.
- When the last track of the disc with the selected track is finished, the next disc will be automatically started.

To locate the beginning of a track

To move to the beginning of the next track:

Press the PRESET button for less than 1.5 seconds during playback.

- You can skip to any track by pressing the PRESET button repeatedly until the desired track number appears.

To restart the track being played:

Press the PRESET button for less than 1.5 seconds during playback.

- You can skip to any track by pressing the PRESET button repeatedly until the desired track number appears.

Notes:

- You can locate the beginning of a track on a single disc only.
- The or button on the remote control allows you the same operation.

To locate the desired portion

For fast forward:

Press and hold down the PRESET button for more than 1.5 seconds during playback.

For fast reverse:

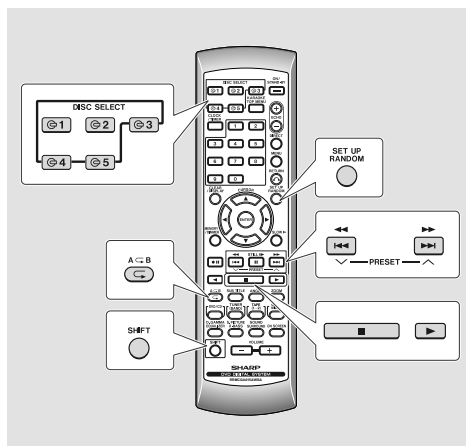
Press and hold down the PRESET button for more than 1.5 seconds during playback.

- Three speeds are available. Each time the PRESET or PRESET button is pressed, the speed of fast scan changes in the following sequence:

1 (about X 2) 2 (about X 8) 3 (about X 32)

Notes:

- Normal playback will resume when the button is pressed.
- You can locate the desired portion on a single disc only.
- When the end of the last track is reached during fast forward, CD will go to next CD and start playback. When the beginning of the first track is reached during fast reverse, the unit will enter the playback mode.
- The or button on the remote control allows you the same operation.



■ Random play

The tracks on the disc(s) can be played in random order automatically.

To random play all tracks on up to 5 discs:

Press the RANDOM button on the remote control.

To random play all tracks on the chosen discs:

1. Press one of the 1 - 5 buttons.
2. Within 5 seconds, press DIRECT PLAY button on the main unit.
3. Press the RANDOM button on the remote control.

To cancel random play:

Press the ► button again.

Notes:

- If you press the ►►►► PRESET ^ (►►►►) button during random play, you can move to the track selected next by the random operation. On the other hand, the ◀◀◀◀ PRESET v (◀◀◀◀) button does not allow you to move to the previous track. The beginning of the track being played will be located.
- In random play, the CD player will select and play tracks automatically. (You cannot select the order of the tracks.)
- The DVD, MP3 and WMA disc will be skipped and random playback will be disabled.
- This function is invalid for WMA, MP3 and DVD discs.
- Repeat play cannot function during random play.
- To random play all disc press ► button instead of pressing DIRECT PLAY button.

Caution:

After using repeat or random play, be sure to press the ■ button. Otherwise, the disc(s) will play continuously.

■ Repeat play

CD playback can be repeated according to below sequence.

Press the ◀ button repeatedly on the remote control.

All disc repeat → Normal playback → Track repeat → Disc repeat

To cancel repeat play:

Press the ◀ button repeatedly to extinguish the "◀".

■ A-B repeat

1 When play reaches the start point of sound, press the A < B button whilst pressing down the SHIFT button.

- This displays "A-B" (repeat) indicator.
- This registers the start point (A).

2 When play reaches the end point of sound, press the A < B button whilst pressing down the SHIFT button again.

- This starts A-B repeat from the start point (A) to the end point (B).
- To cancel A-B repeat, press the A < B button whilst pressing down the SHIFT button again. This clears the "A-B" indicator from the display.

Notes:

- This function is invalid for WMA and MP3 discs.
- Random play cannot function during repeat play.

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Video CD/CD Playback

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SHARP TINSZA159AWZZ (S)

*CD-G7500DVD(EN)49-53

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05.1.13, 14:44

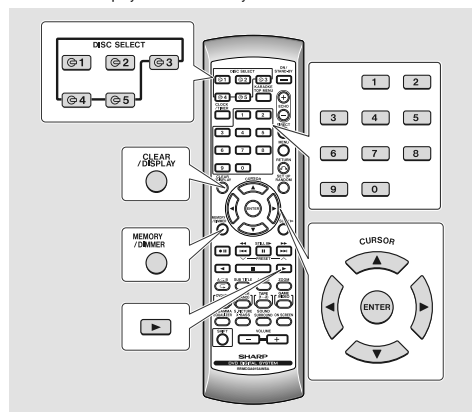
CD-G7500DVD (S)
TINSZA159AWZZ

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CD playback (continued)

■ Programmed play

By specifying discs from 1 to 5, and tracks from 1 to 99, you can choose up to 32 selections for playback in the order you like.



1 Whilst in the stop mode, press the **MEMORY/DIMMER** button.

2 Press one of the **DISC SELECT** buttons to select the desired disc.

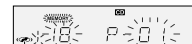
3 Press the **CURSOR** **▲** or **▼** button to select the desired track and then press the **ENTER** button.

You can also select the track number by pressing the 0 - 9 buttons.

4 Repeat steps 2 - 3 for other tracks. Up to 32 tracks can be programmed.

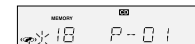
If you make a mistake, the programmed tracks can be cleared by pressing the cursor **►** to go to confirm condition, then press **CLEAR / DISPLAY** button. Press **◀** cursor to go to track select condition to add programme again. During confirm condition, press **▲** or **▼** to check a programmed track.

Track select condition



Select disc

Track confirm condition



Select disc

5 Press the **►** button to start playback.

Adding tracks to the programme:

Programme setting has been previously stored. Follow steps 1 - 3 to add tracks. The new tracks will be stored after the last track of the original programme.

To clear the programmed selections:

1. Whilst in the stop mode, press the **MEMORY/DIMMER** button.
2. Press the cursor **►** to go to confirmed condition.
3. Select the track to be erased, by pressing cursor **▲** or **▼**.
4. Press the **CLEAR/DISPLAY** button.

Notes:

- If there is no disc to select the disc number or there is a DVD disc or MP3 disc, the disc will be skipped.
- Opening the disc tray automatically cancels the programmed sequence.
- Even if you press the **ON/STAND-BY** button to enter the stand-by mode, the programmed selections will not be cleared.
- During programme playback, random play is not possible.
- Once programmed, the contents will be memorised. When the unit is stopped and then the **►** button is pressed, however, normal CD playback will be resumed. To play back the memorised programme, press the **►** button after press the **MEMORY/DIMMER** button.
- To exit the programming procedure halfway through, press the **MEMORY/DIMMER** button.
- This function is invalid for WMA and MP3 discs.
- Direct search buttons on the remote control also can be used to select the desired track.
- If the **CLEAR/DISPLAY** button is pressed more than 2 seconds whilst in confirm condition, all programmed tracks will be cleared.
- Programme mode cannot be enter whilst in repeat mode.

MP3/WMA disc

MP3

MP3 is a form of compression. It is an acronym which stands for MPEG Audio Layer 3.

MP3 is a type of audio code which is processed by significant compression from the original audio source with very little loss in sound quality.

WMA

WMA files are Advanced System Format files that include audio files which are compressed with Windows Media Audio codec. WMA is developed by Microsoft as an audio format file for Windows Media Player.

Notes:

- Due to the structure of its disc information, it takes longer to read an MP3/WMA disc than a normal CD (approximately 20 to 90 seconds).
- "MP3" indicator will light up if an MP3 disc is initialised.
- "WMA" indicator will light up if an WMA disc is initialised.
- This system supports MPEG 1 Layer 3 and VBR files.
- During VBR file playback, time counter in the FL display may differ from its actual playback time.
- Please use a TV to accompany in order to see the MP3/WMA folder.

MP3/WMA discs playback

- 1 Select the desired folder by pressing the ▲, ▼, ◀ or ▶ button and press the ENTER button.
- 2 Select the desired track by pressing the ▲, ▼, ◀ or ▶ button.
- 3 Press the ENTER button to begin playback.

To interrupt playback:

Press the II / STILL button on the remote control.
To resume playback from the same point, press the ▶ button.

Note:

The display will only indicate the track number for the each track.

Direct search of the track MP3/WMA

By using the direct search buttons, the desired tracks can be played.

- 1 Whilst in the stop mode, press the 1-5 buttons and button to select the desired disc.
- 2 Use the direct search buttons on the remote control to select the desired track.

Selected track number before press ENTER button

- The direct search buttons allow you to select all track.
- When selecting number 10 or more, press directly the number in sequence order directly.

A. For example, to choose 13

- 1 Press the "1" button once.
- 2 Press the "3" button.



B. For example, to choose 30

- 1 Press the "3" button.
- 2 Press the "0" button.



Selected track number after press ENTER button

- 3 Press the ENTER button to start playback.

Playback of the selected track is started. When the end of last track is reached, the next disc will automatically be started.

To stop playback:

Press the button.

Notes:

- The selected track can be started simply by pressing the direct search buttons followed by ENTER button during playback.
- A track number higher than the number of tracks on the disc cannot be selected.
- During random play, direct search is not possible.
- If the ENTER button is not pressed after direct search buttons, the track will not be selected.

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Video CD/CD Playback

MP3/WMA disc (continued)

■ To skip during playback

- 1 During playback, press **⏮** button to go to previous track, or press **⏭** button for next track of the same folder.

■ Speed search during playback

- 1 Press **⏮** or **⏭** button for more than 1.5 seconds during playback.
 - Press repeatedly will toggle its different speeds.

1 (x 2) → 2 (x 8) → 3 (x 32)

■ Repeat playback

- 1 Press **⏮** button during playback.
 - Press repeatedly will toggle its type of repeat as below:

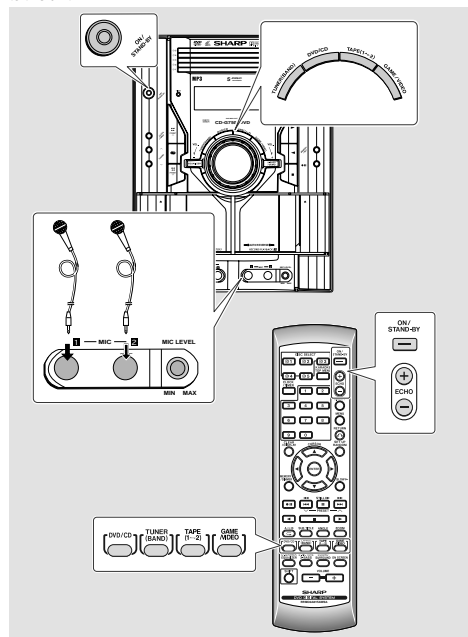
T (Track repeat) → **⏮** (Folder repeat) → All Repeat → Cancel Repeat

Notes:

- During playback, if cursor is moved to another track, without changing anything, after 10 seconds, it will automatically playback the selected track.
- Sometimes, the system does not follow the arrangement of the song as per recorded on that specific MP3/WMA disc.
- It can detect up to 8 layers of folder in an MP3 disc.
- A maximum of 256 tracks can be detected by this system.
- This unit can playback a multi-session disc. If the first session is an Audio CD format, then, it will judge it as an Audio CD and will play the tracks of that format only.
- Longer time will be taken to TOC READ an MP3/WMA disc which contains many folders. The arrangement of folders (folder structure) also will affect the time taken to TOC READ.
- The unit can display only up to 8 characters of a folder of track name. Sometimes, symbols or certain letters may not be displayed correctly.
- Noise may be heard during playback of an MP3 disc which recorded at a very high speed.
- A disc containing both MP3 and WMA format files will not be correctly played. Unit will play one type of format only depending on the recording condition. Please use disc containing recorded files of the same format.
- Elapsed time for WMA discs may not display correctly during the speed search (x8 or x32).

Playing karaoke

You can enjoy karaoke to DVDs, video CDs, CDs, MP3 Discs, radio, cassettes, and other external devices by connecting a separately available microphone to this unit.



- 1 Set the MIC LEVEL control to MIN to protect the speakers from shock noise and to avoid disturbing noises.
- 2 Connect the microphone(s) to the MIC 1 or MIC 2 socket or both sockets for enjoying duets.
 - Use a microphone with a 6.3 mm (1/4") plug, an impedance of 600 ohms.
 - Use a standard plug adaptor when using a microphone with a 3.5 mm (1/8") diameter plug.
- 3 Press the ON/STAND-BY button to turn the power on.
- 4 Press the DVD/CD, TUNER (BAND), TAPE (1--2) or GAME/VIDEO button to select the audio source and play it.
- 5 Adjust the volume of the audio source using the VOLUME control.
- 6 To control the volume of both microphones, turn the MIC LEVEL control towards MAX to increase and towards MIN to decrease.
- 7 Press the ECHO + or - button on the remote control to increase or decrease the microphone echo.

Notes:

- When you sing too loud through the microphone, your voice may be distorted depending on the devices connected. If this happens, lower the microphone volume.
- If an extremely sensitive microphone is used, howling may be generated.
- Unidirectional microphone is more appropriate for vocal use.
- The volume of both microphones is set simultaneously. It is recommended to use microphones of the same sensibility.

If squealing occurs:

- Reduce the microphone volume.
- Change the direction of the microphone.
- Reduce the volume of the main unit.
- Move the microphone away from the speakers.
- Keep microphones away from each other.

Caution:

- When not using the microphone, remove it from the MIC socket.
- When connecting or disconnecting the microphone, set the MIC LEVEL control to MIN.
- When using only one microphone, unplug the other.

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Karaoke

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Playing karaoke (continued)

■ To change the audio mode

Sound of the playback source can be switched among the STEREO, L-CH, R-CH, and V-CANCEL (VOCAL CANCEL) modes. The audio mode function is used when the left and right channels have individual signals from each other.

Press the **KARAOKE** button whilst pressing down the **SHIFT** button on the remote control until the desired audio mode is displayed.

Each time the **KARAOKE** button is pressed, the mode will change as follows:

STEREO → L-CH → R-CH → V-CANCEL

STEREO	Sounds on the left and right channels are played.
L-CH	Sounds on the left channel only are played.
R-CH	Sounds on the right channel only are played.
V-CANCEL	The main vocal is lowered.

Notes:

- The initial audio mode setting is "STEREO".
- In any mode other than the STEREO mode, "V" will appear.
- The setting will remain unchanged when you change the disc, you set the unit to the stand-by mode or the function is changed from the CD to another function.
- When playing a sound multiplexed disc on which a vocal and music have been separately recorded, select the audio mode as desired.

■ To change general stereo source to karaoke source

Even ordinary discs and tapes not recorded specifically for karaoke can be used for karaoke just by toning down the main vocal.

Press the **KARAOKE** button whilst pressing down the **SHIFT** button on the remote control until "V-CANCEL" appears in the display. "V" will appear.



Notes:

- Use discs recorded in stereo. The function will not work with mono sources.
- With some discs and tapes the original vocals may still be heard.

Notes on sound multiplexed karaoke discs:

Sound multiplexed karaoke discs are discs on which the main vocal and the BGM (Background music) have been recorded on one of the two channels and only the BGM on the other.

- The function will not work properly with discs which do not belong to this group.
- Discs on which vocal has been recorded on the left channel and music on the right may not play properly.

■ Recording of mixed sound to a cassette tape

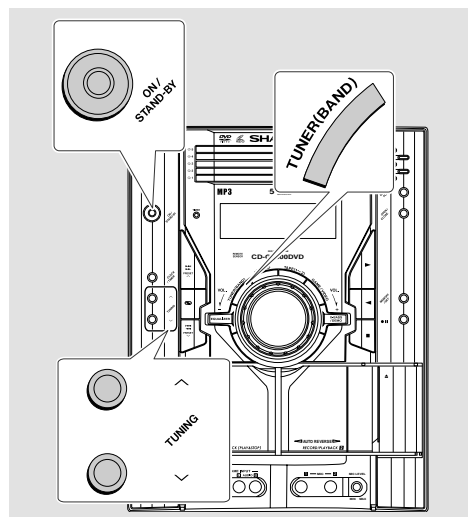
You can record mixed sound from the microphone and DVD/CD, TUNER, TAPE 1 or GAME/VIDEO.

1. Perform steps 1 - 3 in "Playing karaoke" on page 54.
2. Press the DVD/CD, TUNER (BAND), TAPE (1--2) or GAME/VIDEO button to select the audio source.
- To record mixed sound from TAPE 1, press the TAPE (1--2) button and select "TAPE 1".
3. Load a cassette into the TAPE 2 cassette compartment with side A facing you.
4. Perform steps 5 - 7 in "Playing karaoke" on page 54.
5. Press the (□) button to choose one side or both sides.
6. Press the (■) button.
7. Press the (▶) button to record on side A, or the (◀) button for side B.

■ Recording of the microphone signals only to a cassette tape

1. Perform step 1 above.
2. Press the TAPE (1--2) button until "TAPE 2" appears on the display.
3. Perform steps 3 - 7 above.

Listening to the radio



Auto power on function:

When you press any of the following buttons, the unit turns on.

- TUNER (BAND) button (main unit and remote control): The unit turns on and the "TUNER" function is activated.
- ► button on the remote control or main unit: The unit turns on and playback of the last function starts (DVD/CD, TAPE, TUNER, GAME).

■ Tuning

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the TUNER (BAND) button repeatedly to select the desired frequency band (FM or AM).
- 3 Press the TUNING (✓ or ^) button to tune in to the desired station.

Manual tuning:

Press the TUNING button as many times as required to tune in to the desired station.

Auto tuning:

When the TUNING button is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station.

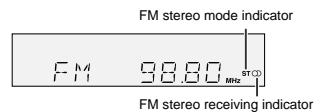
Notes:

- When radio interference occurs, auto scan tuning may stop automatically at that point.
- Auto scan tuning will skip weak signal stations.
- To stop the auto tuning, press the TUNING button again.

To receive an FM stereo transmission:

Press the TUNER (BAND) button to display the "ST" indicator.

- "ST" will appear when an FM broadcast is in stereo.



- If the FM reception is weak, press the TUNER (BAND) button to extinguish the "ST" indicator. The reception changes to monaural, and the sound becomes clearer.

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Radio

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Listening to the radio (continued)

■ Memorising a station

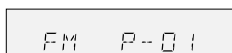
You can store 40 AM and FM stations in memory and recall them at the push of a button. (Preset tuning)

- 1 Perform steps 1 - 3 in "Tuning" on page 56.
- 2 Press the MEMORY/SET (MEMORY/DIMMER) button to enter the preset tuning saving mode.



- 3 Within 30 seconds, press the PRESET (✓ or ^) button to select the preset channel number.
Store the stations in memory, in order, starting with preset channel 1.

- 4 Within 30 seconds, press the MEMORY/SET (MEMORY/DIMMER) button to store that station in memory.



If the "MEMORY" and preset number indicators go out before the station is memorised, repeat the operation from step 2.

- 5 Repeat steps 1 - 4 to set other stations, or to change a preset station.
When a new station is stored in memory, the station previously memorised for that preset channel number will be erased.

Note:

The backup function protects the memorised stations for a few hours should there be a power failure or if the AC lead is disconnected.

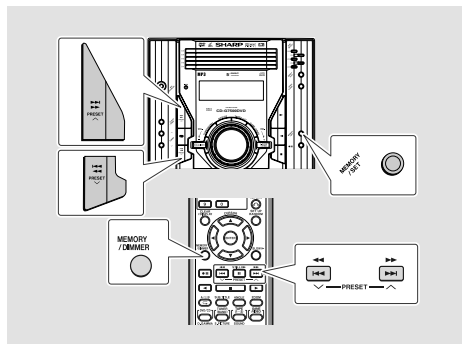
■ To recall a preset station

1. Press the PRESET (✓ or ^) button for less than 0.5 seconds to select the desired station.

■ To scan the preset stations

The stations saved in memory can be scanned automatically. (Preset memory scan)

1. Press the PRESET (✓ or ^) button for more than 0.5 seconds.
The preset number will flash and the programmed stations will be tuned in sequentially, for 5 seconds each.
2. Press the PRESET (✓ or ^) button again when the desired station is located.



■ To erase entire preset memory

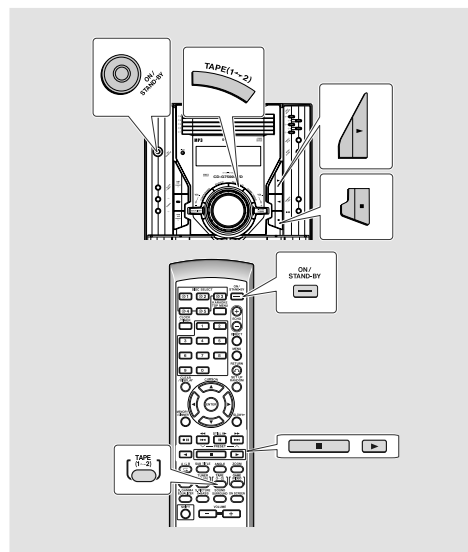
1. Press the ON/STAND-BY button to enter the stand-by mode.
2. Whilst pressing down the X-BASS/DEMO button and the X-BASS/DEMO button, press the CLOCK/TIMER button until "TUNER CL" appears.



Listening to a cassette tape (TAPE 1 or TAPE 2)

Before playback:

- For playback, use normal or low-noise tapes for the best sound. (Metal or CrO₂ tapes are not recommended.)
- Do not use C-120 tapes or poor-quality tapes, as they may cause malfunctions.
- Before loading a tape into the cassette compartment, tighten the slack with a pen or a pencil.



■ Tape 1 playback

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the TAPE (1~2) button to select TAPE 1.
- 3 Open the cassette door by pushing the area marked "▲".



- 4 Load a cassette into the TAPE 1 cassette compartment with the side to be played facing towards you.



- 5 Press the ► button to start playback.

Auto power on function:

When you press any of the following buttons, the unit turns on.

- TAPE (1 ~ 2) button (main unit and remote control): The unit turns on and the "TAPE" function is activated.
- ► button on the remote control or main unit: The unit turns on and playback of the last function starts (DVD/CD, TAPE, TUNER, GAME).

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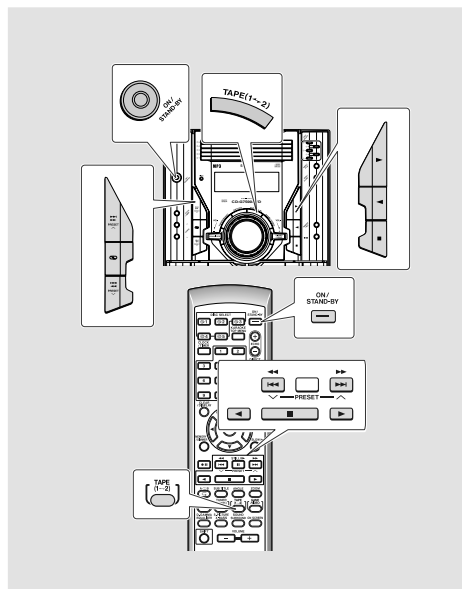
Tape Playback

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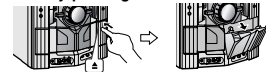
Listening to a cassette tape (TAPE 1 or TAPE 2) (continued)

Tape Playback

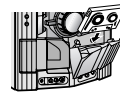


■ Tape 2 playback

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the TAPE (1-2) button to select TAPE 2.
- 3 Open the cassette door by pushing the area marked "▲".

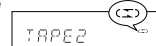


- 4 Load a cassette into the TAPE 2 cassette compartment with side A facing towards you.



- 5 Press the () button to choose one side or both sides.












- () ... To listen to both sides.
- () ... For endless repeat play of both sides.
- () ... To listen to one side.





- 6 Press the ► button to listen to side A, or the ◀ button for side B.

To play both sides (), start from side A. When playback starts from side B, side A will not be played.

■ Various tape function

Function	Main unit	Remote control	Operation
Side A playback 			Press in the stop mode.
Side B playback  (TAPE 2 only)			Press in the stop mode.
Stop 			Press in the playback, fast forward or fast rewind mode.
Fast forward/ Fast rewind (TAPE 2 only)			Press in the playback or stop mode.

Caution:

- To remove the cassette, press the  button, and then open the compartment.
- Before changing from one tape operation to another, press the  button.
- If a power failure occurs during tape operation, the tape head will remain engaged with the tape and the cassette door will not open. In this case, wait until the power is restored.

Recording to a cassette tape

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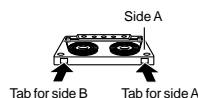
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Before recording:

- When recording important selections, make a preliminary test to ensure that the desired material is properly recorded.
- SHARP is not liable for damage or loss of your recording arising from malfunction of this unit.
- The volume and sound controls can be adjusted with no effect on the recorded signal (Variable Sound Monitor).
- **For recording, use only normal tapes. Do not use metal or CrO₂ tapes.**

Erase-prevention tab of cassette tapes:

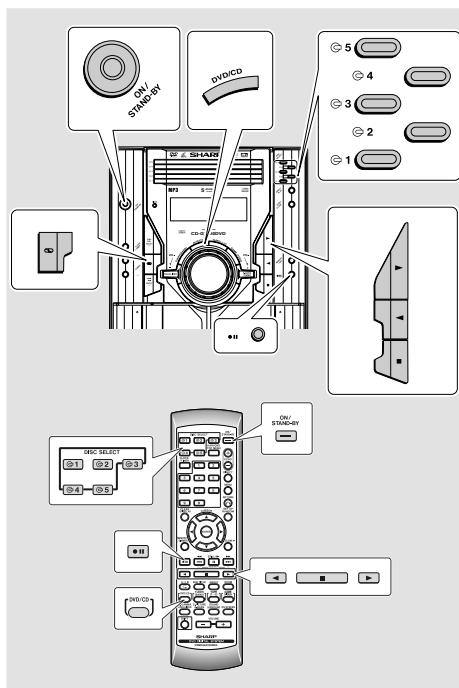
- When recording on a cassette tape, make sure that the erase-prevention tabs are not removed. Cassettes have removable tabs that prevent accidental recording or erasing.
- To protect the recorded sound, remove the tab after recording. Cover the tab hole with adhesive tape to record on the tape without the tab.



Tape Recording

Recording to a cassette tape (continued)

Tape Recording



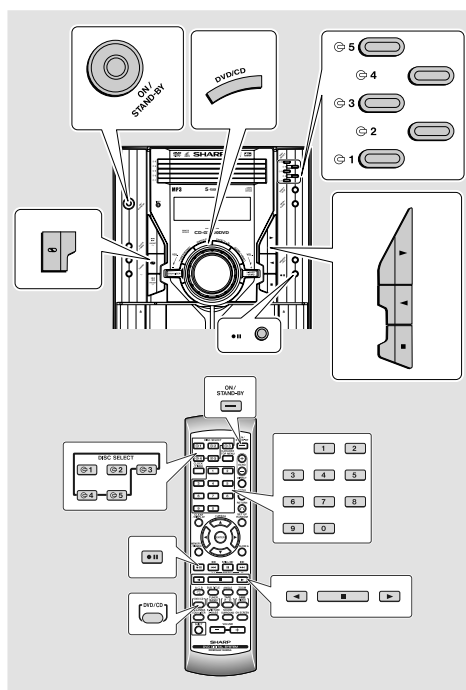
■ Recording from a DVD (DVDs)

- 1 Press the ON/STANDBY button to turn the power on.
- 2 Load a cassette into the TAPE 2 cassette compartment with the side A facing you.
Wind past the leader of the tape, on which recording cannot be performed.
- 3 Press the DVD/CD button and load the desired disc.
- 4 Press one of the 1 - 5 buttons to select the disc to be recorded.
- 5 Press the ► button to start DVD playback.
If the disc you are using supports auto start, it starts to play automatically (even if you do not press the ► button), as soon as you close the disc tray.
- 6 Press the ◀▶ button to choose one side or both sides.
▶ ... To record on both sides.
◀ ... To record on only one side.
- 7 Press the ■ button.
Recording will be paused.
- 8 When DVD playback reaches the desired point, press the ► button to start recording on side A or the ◀ button for side B.

To stop recording:

Press the ■ button.

- It will stop the tape only. Another press of the ■ button will stop DVD playback.
- Even when the DVD playback is finished, the tape will not stop. To stop the tape, press the ■ button.



■ Recording from MP3/WMA disc

You can record 5 CDs continuously.

- 1** Press the ON/STAND-BY button to turn the power on.
- 2** Load a cassette into the TAPE 2 cassette compartment with the side A facing you.
Wind past the leader of the tape, on which recording cannot be performed.
- 3** Press the DVD/CD button and load the desired disc.
- 4** Press one of the 1 - 5 buttons to select the disc to be recorded and press ► button to start playback.
- 5** Press the ◀▶ button to choose one side or both sides.
 ▶ ... To record on both sides.
 ◀ ... To record on only one side.
- 6** Press the ⏸ button.
Recording will be paused.
- 7** Select the desired track number by pressing the direct key (0-9) on the remote control.
- 8** Press the ► button to start recording on side A or the ◀ button for side B.

To stop recording:

Press the ■ button 2 times.
The MP3/WMA and tape will stop.

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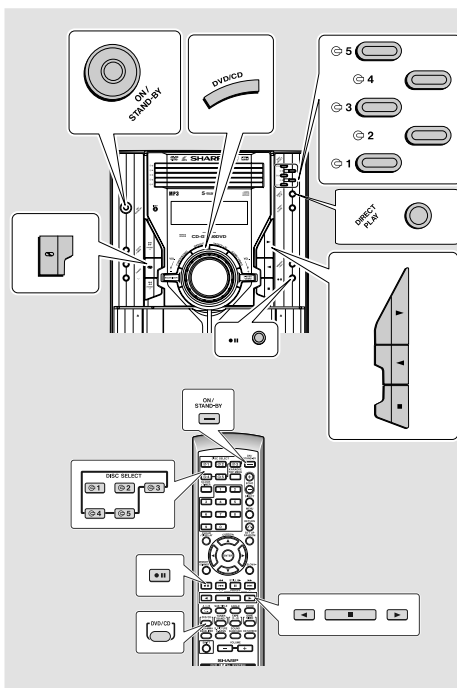
Tape Recording

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Recording to a cassette tape (continued)

Tape Recording



■ Recording from a CD (CDs)

You can record the desired CD using the DIRECT PLAY button.

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the DVD/CD button.
- 3 Load a cassette into the TAPE 2 cassette compartment with the side A facing you.
Wind past the leader of the tape, on which recording cannot be performed.
- 4 Press the button to choose one side or both sides.
 ... To record on both sides.
 ... To record on only one side.
- 5 Press the button.
Recording will be paused.
- 6 Press one of the 1 - 5 buttons to select the desired disc.
- 7 Within 5 seconds, press the DIRECT PLAY button to start recording.



Will disappear after short while display

- Recording starts from side A.
- Recording is started from the selected CD. When the playback of the last track is finished or the end of the tape is reached, the CD and the cassette will stop automatically.
- CD playback will start approximately 7 seconds after the tape starts.

To stop recording:

Press the button.
The CD and tape will stop.

Recording from several CDs continuously:

1. Perform steps 1 - 6 in "Recording from a CD (CDs)" on page 63.
2. Within 5 seconds, press the ► button to record on side A, or the ◀ button for side B.

To perform programmed recording:

1. Programme discs and tracks. (See page 51.)
2. Press the ●|| button.
3. Press the ► button to record on side A, or the ◀ button for side B.

Note:

To record on both sides, begin with side A. (If recording is started from side B, the tape will not switch over to side A.)

Auto restart function:

If the recording side is switched from side A to B during recording, the system will record the interrupted track on side B from its beginning. The recording will be made without cutting the beginning of the track on side B.

■ Recording from the radio

1 Tune in to the desired station. (See page 56.)

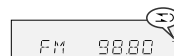
2 Load a cassette into the TAPE 2 cassette compartment with side A facing you.

Wind past the leader of the tape, on which recording cannot be performed.

3 Press the ◀▶ button to choose one side or both sides.

◀▶ ... To record on both sides.

◀ ... To record on only one side.



4 Press the ●|| button.

Recording will be paused.



5 Press the ► button to record on side A, or the ◀ button for side B.

To record on both sides, begin with side A. (If recording is started from side B, the tape will not switch over to side A.)

To interrupt recording:

Press the ●|| button.

To resume recording, press the same recording button you pressed in step 5. Other buttons do not allow resuming.

To stop recording:

Press the ■ button.

Note:

If you hear a whistling noise whilst recording an AM station, move the AM loop aerial.

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Tape Recording

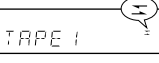

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Recording to a cassette tape (continued)

■ Dubbing from tape to tape

You can record from TAPE 1 to TAPE 2.

- 1 Press the **ON/STAND-BY** button to turn the power on.
- 2 Load a prerecorded cassette into the **TAPE 1** cassette compartment. Insert a blank tape into the **TAPE 2** cassette compartment.
It is recommended that the recording tape is the same length as the master tape.
- 3 Press the **TAPE (1 → 2)** button until "TAPE 1" appears on the display.
The reverse mode will be set to "←".

- 4 Press the **●||** button.
Recording will be paused.

- 5 Press the **▶** button to start dubbing.

To stop dubbing:

Press the **■** button.

TAPE 1 and TAPE 2 will simultaneously stop.

■ Erasing recorded tapes

1. Load the tape to be erased into the **TAPE 2** cassette compartment with the side to be erased facing toward you.
2. Press the **TAPE (1 → 2)** button until "TAPE 2" appears on the display.
3. Set the **↔** button to "←" to erase only one side and to "↔" to erase both sides.
4. Press the **●||** button.
5. Press the **▶** button to erase side A, or the **◀** button to erase side B.
To erase both sides, begin with side A. (If erasing is started from side B, the tape will not switch over to side A.)

Note:

Make sure that the **TAPE 1** is not in use.

Timer and sleep operation

Timer playback:

The unit turns on and plays the desired source (DVD, CD, Video CD, MP3 disc, tuner, tape) at the preset time.

Timer recording:

The unit turns on and starts recording from the tuner at the preset time.

This unit has 2 types of timer: ONCE TIMER and DAILY TIMER.

Once timer: Once timer play and once timer recording works for one time only at a preset time.

For example, if you are away but want to record a programme on a radio station.

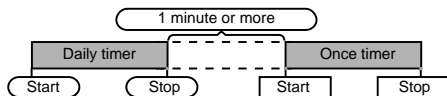
Daily timer: Daily timer play and daily timer recording works at the same preset time everyday.

For example, set the timer to wake up every morning.

Using the once timer and daily timer in combination:

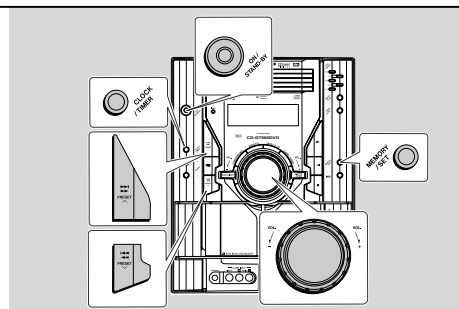
For example, use the once timer to record a radio programme, and use the daily timer to wake up.

1. Set the daily timer (pages 66 - 68).
2. Set the once timer (pages 66 - 68).



Note:

When set times for the daily timer and once timer overlap, the once timer takes priority. Allow an interval of at least 1 minute between operations.



■ Timer playback or timer recording

Before setting timer:

1. Check that the clock is set to the correct time (refer to page 19). If it is not set, you cannot use the timer function.
2. For timer playback:
Load a cassette or discs to be played.
For timer recording:
Load a cassette for recording in the TAPE 2 cassette compartment.



- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the CLOCK/TIMER button.
- 3 Within 10 seconds, press the <<< or >>> button to select "ONCE" or "DAILY", and press the MEMORY/SET button.

ONCE ↔ DAILY

Set the unit to the correct time if "ONCE" or "DAILY" does not appear.

Continued to the next page

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Advanced Features

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Timer and sleep operation (continued)

- 4** Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE SET" or "DAILY SET", and press the MEMORY/SET button.

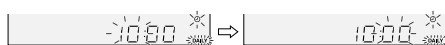


- 5** Press the **◀◀** or **▶▶** button to select "PLAY" or "REC", and press the MEMORY/SET button.



The illustrations show the daily timer setting.

- 6** Press the **◀◀** or **▶▶** button to adjust the hour and then press the MEMORY/SET button.



The illustrations show the timer playback setting in the daily timer mode.

- 7** Press the **◀◀** or **▶▶** button to adjust the minutes and then press the MEMORY/SET button.



- 8** Set the time to finish as in steps 6 and 7 above.

- 9** Switch input with the **◀◀** or **▶▶** button, and then press the MEMORY/SET button.

To select the timer playback source: DVD/CD, TUNER, TAPE 1 or TAPE 2.

To select the timer recording source: TUNER.

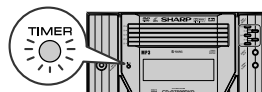
- When you select the tuner, select a station by pressing the **◀◀** or **▶▶** button, and then press the MEMORY/SET button.
- If a station has not been programmed, "NO P.SET" will be displayed and timer setting will be cancelled.

- 10** Adjust the volume using the VOLUME control, and then press the MEMORY/SET button.

Do not turn the volume up too high.

- 11** Press the ON/STAND-BY button to enter the power stand-by mode.

The "TIMER" indicator lights up and the unit is ready for timer playback or timer recording.



12 When the preset time is reached, playback or recording will start.

In the timer playback mode, the volume will increase gradually until it reaches the volume you were listening to before your system entered the timer stand-by mode.

13 When the timer end time is reached, the system will enter the power stand-by mode automatically.

Once timer:

The timer will be cancelled.

Daily timer:

The timer will operate at the same time every day. It will continue until the daily timer setting is cancelled. Cancel the daily timer when it is not used.

Note:

When performing timer playback or recording using another unit connected to the GAME INPUT sockets, select "GAME" in step 9. This unit will turn on or enter the power stand-by mode automatically, however, the connected unit will not turn on or off.

Checking the timer setting in the timer stand-by mode:

1. Press the CLOCK/TIMER button.
2. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE" or "DAILY", and press the MEMORY/SET button.
3. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE CAL" or "DAILY CAL", and press the MEMORY/SET button. The unit returns to the timer stand-by mode after displaying the settings in order.

Cancelling the timer setting in the timer stand-by mode:

1. Press the CLOCK/TIMER button.
2. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE" or "DAILY", and press the MEMORY/SET button.
3. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE OFF" or "DAILY OFF", and press the MEMORY/SET button. Timer will be cancelled (the setting will not be cancelled).

Reusing the memorised timer setting:

The timer setting will be memorised once it is entered. To reuse the same setting, perform the following operations.

1. Turn the power on and press the CLOCK/TIMER button.
2. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE" or "DAILY", and press the MEMORY/SET button.
3. Within 10 seconds, press the **◀◀** or **▶▶** button to select "ONCE ON" or "DAILY ON", and press the MEMORY/SET button.
4. Press the ON/STAND-BY button to enter the power stand-by mode.

Note:

The timer can also be set with the remote control.

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Advanced Features

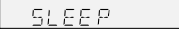

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Timer and sleep operation (continued)

■ Sleep operation

The radio, compact disc and cassette tape can all be turned off automatically.

- 1 Play back the desired sound source.
- 2 Press the CLOCK/TIMER button.
- 3 Within 10 seconds, press the **⏮** or **⏭** button to select "SLEEP", and press the MEMORY/SET button. 
- 4 Press the **⏮** or **⏭** button to select the time.
(Maximum: 3 hours - Minimum: 1 minute)
 - 3 hours - 5 minutes 5-minute intervals
 - 5 minutes - 1 minute 1-minute intervals
- 5 Press the MEMORY/SET button. 
"SLEEP" will appear.
- 6 The unit will enter the power stand-by mode automatically after the preset time has elapsed.
The volume will be turned down 1 minute before the sleep operation finishes.

To confirm the remaining sleep time:

1. Whilst "SLEEP" is indicated, press the CLOCK/TIMER button.
2. Within 10 seconds, press the **⏮** or **⏭** button to select "SLEEP X : XX".
"X : XX" is sleep remaining time.
- The remaining sleep time is displayed for about 10 seconds.
- You can change the remaining sleep time whilst it is displayed by pressing the MEMORY/SET button (steps 4 - 5).

To cancel the sleep operation:

Press the ON/STAND-BY button whilst "SLEEP" is indicated.
To cancel the sleep operation without setting the system to the stand-by mode, proceed as follows.

1. Whilst "SLEEP" is indicated, press the CLOCK/TIMER button.
2. Within 10 seconds, press the **⏮** or **⏭** button to select "SLEEP OFF", and press the MEMORY/SET button.

■ To use timer and sleep operation together

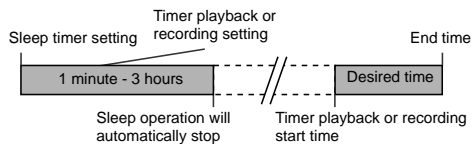
Sleep and timer playback:

For example, you can fall asleep listening to the radio and wake up to CD in the next morning.

Sleep and timer recording:

For example, you can fall asleep listening to the CD and record radio programmes whilst sleeping.

1. Set the sleep time (see left, steps 1 - 5).
2. Whilst the sleep timer is set, set the timer playback or recording (steps 2 - 10, pages 66 - 67).

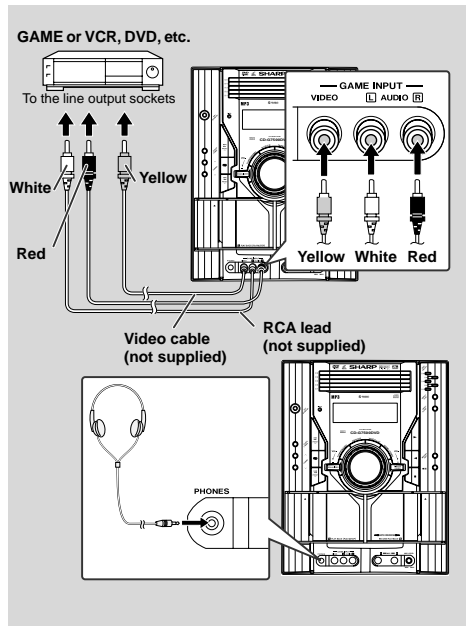


Caution:

When using the cassette deck, be sure the tape length is long enough to perform both functions. If you want to sleep and wake up listening to a tape, and the length of the tape is shorter than the sleep timer setting, timer playback will not be possible.

Enhancing your system

The connection lead is not included. Purchase a commercially available lead as shown below.



■ Listening to the playback sounds of Game, VCR, DVD, etc.

1. Connect a video game system, VCR, DVD, etc. to the front GAME INPUT (VIDEO, AUDIO L and R) sockets.
2. Connect a TV to the rear VIDEO OUT socket.

Switch the TV input to auxiliary.

3. Press the ON/STAND-BY button to turn the power on.
4. Press the GAME/VIDEO button.
5. Play the connected equipment.

You can enjoy sounds from the supplied speakers and images on the TV.

Note:

To prevent noise interference, place the unit away from the television.

Auto power on function:

When you press any of the following buttons, the unit turns on.

- GAME/VIDEO button (main unit and remote control): The unit turns on and the "GAME" function is activated.
- ► button (main unit and remote control): The unit turns on and playback of the last function starts (DVD/CD, TAPE, TUNER, GAME).

■ To record on a tape from Game, VCR, etc.

1. Load a cassette in the TAPE 2 cassette compartment.
2. Press the GAME/VIDEO button.
3. Press the ●|| button.
4. Press the ► or ◀ button.
5. Play the game system, VCR, DVD, etc.

■ Headphones

- Before plugging in or unplugging the headphones, reduce the volume.
- Be sure your headphones have a 3.5 mm (1/8") diameter plug and are between 16 ohms and 50 ohms impedance. The recommended impedance is 32 ohms.
- Plugging in the headphones disconnects the speakers automatically. Adjust the volume using the VOLUME control.

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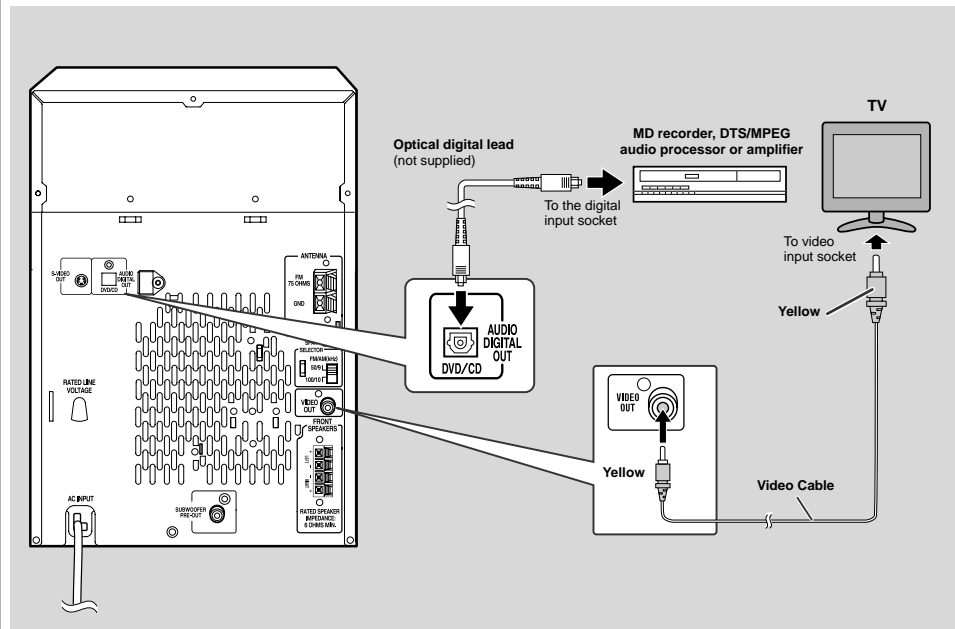
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Enhancing your system (continued)

■ Leads required to connect external units

When external units are connected, you need commercially available leads.

Advanced Features



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Troubleshooting chart

Many potential "problems" can be resolved by the owner without calling a service technician. If something is wrong with this product, check the following before calling your authorised SHARP dealer or service centre.

General

Symptom	Possible cause
● The clock is not accurate.	● Did a power failure occur? Reset the clock. (Refer to page 19.)
● When a button is pressed, the unit does not respond.	● Set this unit to the power stand-by mode and then turn it back on. ● If the unit still malfunctions, reset it. (Refer to page 74)
● No sound is heard.	● Is the volume level set to "0"? ● Are the headphones connected? ● Are the speaker wires disconnected?
● The balance between the left and right channels is bad.	● Are the speakers connected to the wrong channels? ● If an external unit is connected, are the left and right channels connected improperly?
● Hum or excessive noise.	● Is the speaker lead plugged in incorrectly? ● Does the speaker lead run past other electronic equipment? ● Are the plugs or terminals dirty? ● Is the volume too low?
● The timer indicator is flashing.	● Is the speaker wire shorted? ● Was the unit used at high volume for many hours?

Tuner

Symptom	Possible cause
● Radio makes constant unusual noise or static.	● Is the unit placed near the TV or computer? ● Is the FM aerial or AM loop aerial placed improperly? Move the AC power lead away from the aerial if located near.

DVD/CD player

Symptom	Possible cause
● No image from the DVD video appears on the screen of a connected device.	● Make sure the channel of the connected TV is set to VIDEO or AV. ● Make sure video cables are connected correctly.
● Playback does not start. ● Playback stops in the middle or is not performed properly.	● Is the disc loaded upside down? ● Does the disc dissatisfy the standards? ● Is the disc distorted or scratched?
● Playback sounds are skipped, or stopped in the middle of a track.	● Is the unit located near excessive vibrations? ● Is the disc very dirty? ● Has condensation formed inside the unit?

Cassette deck

Symptom	Possible cause
● Cannot record.	● Is the erase-protection tab removed?
● Cannot record tracks with proper sound quality. ● Cannot erase completely.	● Is it a normal tape? (You cannot record on a metal or CrO ₂ tape.)
● Sound skipping. ● Cannot hear treble. ● Sound fluctuation.	● Is there any slack? ● Is the tape stretched? ● Are the capstans, pinch rollers, or heads dirty?
● Cannot remove the tape.	● If a power failure occurs during playback, the heads remain engaged with the tape. Do not open the compartment forcibly. Wait until electricity resumes.

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Troubleshooting chart (continued)

■ Remote control

Symptom	Possible cause
● The remote control does not operate.	● Is the AC power lead of the unit unplugged? ● Is the battery polarity wrong? ● Are the batteries dead? ● Is the distance or angle incorrect? ● Does the remote control sensor receive strong light?

■ Video CD

Symptom	Possible cause
● The picture is not displayed during playback.	● Is the TV unplugged? ● Is the unit connected improperly? ● Is the input selector on the TV set to other than "VCR"? ● Is the unit being played without selecting video CD?
● The picture quality is poor, or it is distorted.	● Is the disc very dirty?

■ Karaoke

Symptom	Possible cause
● The vocal part of a multiplexed disc is not heard.	● Is the karaoke mode set to "L-CH", "R-CH" or "V-CANCEL"?

■ If trouble occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:

1. Set the unit to the stand-by mode and turn the power on again.
2. If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

Note:

If neither operation above restores the unit, clear all the memory by resetting it.

■ Before transporting the unit

Remove all CDs from the unit. Make sure there is no CD in the disc tray. Then, set the unit to the power stand-by mode. Carrying the unit with discs left inside can damage the unit.



■ Clearing all the memory (reset)

1. Press the ON/STAND-BY button to enter the power stand-by mode.
2. Whilst pressing down the button and the X-BASS/DEMO button, press the button until "CLEAR AL" appears.



Caution:

This operation will erase all data stored in memory including clock, timer settings, tuner preset, and CD programme.

■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet (CD pickup, tape heads, etc.) or on the transmitter on the remote control.

Condensation can cause the unit to malfunction. If this happens, leave the power on with no disc (or cassette) in the unit until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

■ Error indicators and warnings

The error indicators and warnings described below appear on the display whenever there is a disc play problem, operational problem, etc.

Display	Meaning
	● The disc is not compatible with this unit.
	● The region number of the DVD is not 2 or ALL.
	● You are trying to perform an incorrect operation.
	● The disc does not support the operation described in this operation manual.

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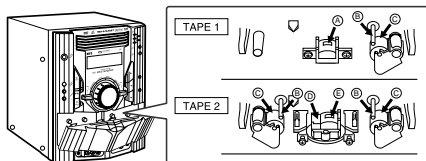
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Maintenance

■ Cleaning the tape-handling parts

- Dirty heads, capstans or pinch rollers can cause poor sound and tape jams. Clean these parts with a cotton swab moistened with commercial head/pinch roller cleaner or isopropyl alcohol.
- When cleaning the heads, pinch rollers, etc., unplug the unit which contains high voltages.



- (A) Playback head
(B) Capstan
(C) Pinch Roller
(D) Erase head
(E) Recording/Playback head

- After long use, the deck's heads and capstans may become magnetised, causing poor sound. Demagnetise these parts once every 30 hours of playing/recording time by using a commercial tape head demagnetiser. Read the demagnetiser's instructions carefully before use.

■ Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth and a diluted soap solution, then with a dry cloth.

Caution:

- Do not use chemicals for cleaning (petrol, paint thinner, etc.). It may damage the cabinet finish.
- Do not apply oil to the inside of the unit. It may cause malfunctions.

Specifications

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Main Unit

■ General

Power source	AC 110/127/220/230-240 V, 50/60 Hz
Power consumption	170 W
Dimensions	Width: 260 mm (10-1/4") Height: 330 mm (13") Depth: 326 mm (12-7/8")
Weight	10.5 kg (23.15 lbs.)

■ Amplifier

Output power	MPO: 740 W (370 W + 370 W) (10 % T.H.D.) RMS: 400 W (200 W + 200 W) (10 % T.H.D.) RMS: 290 W (145 W + 145 W) (0.9 % T.H.D.)
Output terminals	Speakers: 6 ohms Headphones: 16 - 50 ohms (recommended: 32 ohms) Subwoofer pre-output (audio signal): 200mV/10 k ohms at 70 Hz
Input terminals	Game/auxiliary (audio input): 500 mV/47 k ohms Microphone 1/2: 1 mV/600 ohms Game/Video: 1 Vp-p

■ Cassette deck

Frequency response	50 - 14,000 Hz (normal tape)
Signal/noise ratio	55 dB (TAPE 1 playback) 50 dB (TAPE 2 recording/playback)
Wow and flutter	0.3 % (WRMS)

■ DVD/VCD/CD player

Signal system	NTSC/PAL
Supported disc types	DVD (Region number 2, ALL), audio CD, CD-R, CD-RW, VCD, MP3, WMA
Video output	Output socket: Pin socket x 1 Output level: 1 Vp-p (75 ohms)
S-Video output	Y output level: 1 Vp-p (75 ohms) C output level: 0.628 Vp-p (75 ohms) Output socket: S-Video connector x 1
Video signal	Horizontal resolution: 500 lines S/N ratio: 60 dB
Audio signals	Frequency characteristics: Linear PCM DVD: 4 Hz to 22 kHz (48 kHz sampling)/ 4 Hz to 44 kHz (96 kHz sampling) CD: 4 Hz to 20 kHz S/N ratio: 96 dB 1 kHz (CD) Dynamic range: 96 dB (Linear PCM DVD) 96 dB (CD) Total harmonic distortion ratio: 0.006 % maximum

■ Tuner

Frequency range	FM: 88 - 108 MHz AM: 531 - 1,602 kHz
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■ Speaker

Type	2-way type speaker system 5 cm (2") tweeter 13 cm (5-1/8") woofer x 2
Maximum input power	400 W
Rated input power	200 W
Impedance	6 ohms
Dimensions	Width: 220 mm (8-11/16") Height: 420 mm (16-9/16") Depth: 430 mm (16-15/16")
Weight	5.5 kg (12.1 lbs.)/each

Subwoofer

■ General

Power source	AC 110/127/220/230-240, 50/60Hz
Power consumption	83 W
Dimensions	Width: 400 mm (15-3/4") Height: 420 mm (16-9/16") Depth: 470 mm (18-1/2")
Weight	18.0 kg (39.6 lbs.)

■ Subwoofer Amplifier

Output power	MPO : 280 W (10% THD) RMS : 200 W (10% THD) RMS : 140 W (0.9% THD)
Input Terminals	Subwoofer input (audio signal): 200mV / 10 k ohms at 70 Hz

■ Subwoofer Speaker

Type	25 cm (10") woofer
Rated input power	200 W
Impedance	6 ohms

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Glossary

Chapter

A section inside a title.

DIGITAL GAMMA

Corrects for gradations in dark areas of images to make them clearer.

DIGITAL SUPER PICTURE

Enhances the fine details of the image and outlines of the objects.

DTS

Theatre audio system by Digital Theater Systems, Inc. Six audio channels are used to create accurate sound field positioning and realistic sound.

Letter box

4:3 [LB]

Screen size that black bands are inserted at the top and bottom of the image to allow playing of wide (16:9) software on a connected 4:3 TV.

Linear PCM audio

Audio signal recording system used for audio CDs.

Pan scan

4:3 [PS]

Screen size that cuts off the sides of the image to allow playing of wide (16:9) software on a connected 4:3 TV.

Parental level

Setting that makes it possible to control the types of scenes that can be played by this unit.

This setting helps to keep children from viewing adult material.

Pickup

Laser device that reads the data from a disc for playback.

Region number

Number identifying a geographic region of compatibility for a DVD.

Title

When a DVD contains multiple movies, each movie is called a "title".

Title menu

This is a menu displayed by some DVDs for selection of chapters and subtitle set. The title menu is also called a "top menu".

Track

One tune on an audio CD.

View angle

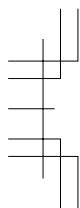
Some DVDs have recordings from multiple angles, so you can select a view angle when playing the disc.

Zoom

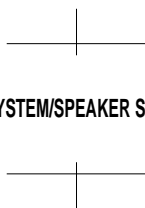
Allows you to zoom in and enlarge a specific part of an image.

UP

DOWN



CD-G7500DVD/CP-G7500 DVD MINI SYSTEM/SPEAKER SYSTEM



SHARP

