

# CITRONIC

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## PROFESSIONAL 5-DISC DVD/CD/MP3 PLAYER

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**DVD-X5**

**Both the design specifications and these operating instructions are thus subject to change without notice.**

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# Operation Manual

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# Characteristics

## ■ Main Functions of System

- This product is a high-grade and multi-discs player which can hold 5 discs. You not only can select the disc which you want with ease but also can change a disc for some disc trays while you are enjoying the programs in the playing disc.
- Volumes of two microphones are controlled by two knobs respectively.
- Five buttons are set specially to control the five discs.
- This machine can play movies, music and photos which are saved in U disc or flash cards such as SD, MMC, MS.
- This player can play the MiDi disc which contains thousands of songs (including quite a few vocal songs). When the player plays the MiDi disc, the special functions of "LIST" and "ADVANCE RESERVE" can be available.
- Compatible with following disc types: CD+G, VCD, SVCD, MP3, WMA, DVD, MIDI DVD and MPEG4.
- Video Output Interface Include four modes: VIDEO OUT, S-VIDEO, VGA, SCART
- Video Output Formats  
PAL60, NTSC, PAL, AUTO
- TV Screen Output Mode  
4:3PS, 4:3LB, 16:9
- Audio Output  
Include 5.1CH output jacks.  
Support digital output (coaxial) jack.  
Support audio out L/R jacks.

## ■ Accessory Function of System

- Multiform music effect modes can meet your different demands of enjoying music.
- Have the functions of KARAOKE, echo control and the speed of accompany control, these functions will let you enjoy the joy which Karaoke brings heartily.
- The scoring function may provide you with more entertainment interest.
- The multi-functional menu can be operated by remote control conveniently.
- Support a lot of foreign languages will let the user be handy.
- Multi angles, multi sub-pictures, multi sound streams
- Multi levels of quickly forward, quickly backward and play slowly.
- Multi playing modes such as dynamic enlargement, step play, memory, reserve and repeat can be realized.

## ■ Power

Wide voltage range: 90-250VAC

Low power consumption: the power consumption of system is less than 25W.

<b>Video Output Jack</b>	<b>1</b>	<b>Audio Out L/R Jacks</b>	<b>2</b>
<b>S-VIDEO</b>	<b>1</b>	<b>Mic Input and Volume Control of KARAOKE</b>	<b>1group</b>
<b>5.1 CH Output Jacks</b>	<b>1 group</b>	<b>Score In Interface</b>	<b>1</b>
<b>Digital Out (Coaxial) Jack</b>	<b>1</b>	<b>Full function can be operated by remote control</b>	<b>Yes</b>

# Safety Precautions

**Warning:**

To prevent fire or electric shock accident, please don't let the machine in rain or work in the moist environment. You mustn't put the things such as vases filled with liquid items on the top panel of the machine. Please don't open the outer covering at will because there are dangerous high-voltage accessories inside.

**Attention:**

You'd better read-through the operating instructions and all the warnings or attentions which are marked on the panels to grasp the operating skills correctly. After you read the operating instructions, please preserve it properly for future reference. The machine is equipped with a radium-laser system, in order to avoid the radiation of the radium laser, please don't try to open the outer covering. When the outer covering is opened or chain parts are unchained, the radium laser may radiate outside, please never stare at the laser beam.

If your machine needs maintenance, please contact with the dealer, maintenance can only be entrusted to the qualified maintenance personnel.

The design and the manufacture have fully considered guaranteeing personal safety. However, the inappropriate use may still cause electric shock or fire. If you comply with the steps which are related to installs, use and maintains, the safety system equipped in the machine can guarantee your safety. The equipment of this machine is of complete semiconductor, there isn't any part which allows the user to repair or adjust inside of the machine.

# Notes

After unpacking the machine, please read-through the operating instructions and follow the demonstrative items.

## 1. Power

The power used by this product must fit with the power type which is marked on the rear panel. If you are not sure of the power source situation in your room, please consult the local electric power company.

Please cut off the power by pressing the power switch on the rear panel when the player is in the shut-down condition. If you want to let the player in the shut-down condition for a long time, please tears off the power plug from the socket in case that electrical network undulation and thunderbolt damage the player.

If you don't use the player for a long time, the mechanical performance may become dissatisfactory. In order to prevent mechanical functioning abnormally, please use the player frequently.

For other power-operated products, please refer to the operating instructions.

## 2. Locate

Don't place the machine on the bed, sofa, cloth, bookshelf, frame and other similar materials. In other words, the machine should be located on a flat place, or the base panel is easy to be distorted and deformed. The damage to the base panel may affect the machine's performance and result to the machinery malfunctions. You also can't place the machine on the unventilated location.

### Power-cord protection

Power-cord should be put in the place where you are impossible to trample. You can't put things on the power-cord. The plug's becoming less crowded, the socket's attrition and the power line's broken skin should be all attention.

### Assistant implement

Don't place the machine on the unstable handcart, bracket, tripod, frame and table in case the machine falls from the position and injures persons.

Please take care when you move the machine which is located on the handcart. Urgent stop, overexert, unsmooth ground etc. may result to the separation between the handcart and the machine.

### Load Capacity

You can't put heavy things on the machine, or both the person and machine may be injured.

## 3. Environment

### Heat

The placed site of this machine must be far away from the heat resource, such as heater, thermal regulator, heating furnace and other pyretic products (including amplifier).

### Humidity

Avoid putting the machine in the moist place such as bathroom, kitchen, basement, natatorium or other similar places.

## Dew

It is easy to coagulate dew in the following circumstances:

- ◆ When you move your player from the cold place to the warm place.
- ◆ When you use the player in the room where the heating equipment is just turned on.
- ◆ The cold wind from the air condition passes the location of the player.
- ◆ Use the player in the moist location.

If there is dew on the player, please don't use the player at once, or the discs which are placed in the disc tray and the internal parts of the player may be damaged. The correct method is: place the player in the ventilated location for 2-3 hours to make the dew vaporize.

## Overload

Don't use the overloading electric source and overdue power line, or it is easy to cause electric shock or fire.

## Avoid Metal or Liquid's Entry

Other metal or liquid which enter the player may get to the high voltage, simultaneously they may cause short circuits among the internal parts. These two situations are both may cause the electric shock or fire.

## Other

Don't use the volatile liquid such as the insecticidal aerosol nearby the player, don't let the rubber and plastic product touch the player for long time, or there will be smutch on the surface of the player.

## 4. Move

When you move the machine, you'd better use the carton and wrapper which is provided by the manufacture. When you repack the machine, please refer to the manufacturer's packing method.

## 5. Use

### Accessories

In principle, to avoid the damages to the player, don't use the accessories which are not recommended by the manufacturer.

### Discs

Don't use the cracked disc or deformed disc or repaired disc. These discs are easily broken and then may cause serious personal injury and serious machine malfunction. More, inferior or dirty discs not only may make the player work in the deviant state, but also they will damage the laser head.

### Discs' heading

When you insert a disc into the disc tray, please make sure that the playback side of the disc faces downward and is laid in right position.

Note: When the player closes the disc tray, please keep your hands off the disc tray. If the player works for long time, the top panel and the rear panel will get hotter, this is a normal phenomenon.

# Maintenance

## 1. Dustproof

Usually, you should keep the front cover closed in case that the dust enters the rotary table.

## 2. Clean

For security, you should pull out the power plug from the socket. You can use the dry or little wet soft cloth to clean the player. To the solid blot, if you need some cleanser, please make sure the cleanser can't damage the machine's surface. Dip some cleanser with low concentration into the cloth, and then clean the player after you screw out the cleanser which is not absorbed, at last rub the player with dry cloth. This method is a common used method. In the ordinary circumstances, you'd better not use any cleanser to protect the machine's surface and the performance.

## 3. Maintain

### Maintain diagnose:

- A) Power line or plug suffers damage;
- B) There is liquid or other thing enters the player;
- C) The machine suffers rain or other accident artificial water pouring;
- D) The machine can't work normally when you operate it according to the user guide;
- E) The machine suffers damage because of fall from high or other reasons;
- F) There is abnormal phenomenon when the player is in the working mode.

If you come across these problems, please pull out the plug from the socket and hand your machine to the professional maintenance technicians.

### Maintain kernel:

#### A) Replace part

When your machine needs replacing some part, the professional maintenance technician will equip the new part which is recommended by the manufacturer or which has the same characteristic with the primary part.

#### B) Safety inspection










After finishing the maintenance or repair, the professional maintenance technician should do some safety inspection to make sure the machine normal.

The laser head used in the machine is a precise component, if its lens' surface suffers attrition or dirt, the ability of read discs and the quality of picture will be worsen.

When you discover this problem, please contact the deal (the service life of the laser head is about 1000 hours).

# Disc Caption

## This player can play following discs:

	CD	CD+G	WMA	VIDEO CD2.0	DVCD	MP3	SVCD	MiDi DVD (KARAOK DVD)	MPEG4	DVD
Disc mark										
Content	Sound	Sound /Image	Sound	Sound /Image	Sound /Image	Sound	Sound /Image	Sound(MOVing BACKGROUND)	Sound /Image	Sound /Image
Time	74minutes	74minutes		74minutes						135minutes
Dimensions	12cm	12cm	12cm	12cm	12cm	12cm	12cm	12cm	12cm	12cm

### PBC menu:

It is recorded in VCD2.0 disc ,showing the content of the disc and convenient for customers to look up program

### CD+G:

Disc is CD including image information. Image is information about songs. For example: lyric , photo or character

### VCD disc version

1.0 version: the moving image and music.

2.0 version: the high definition still with PBC function.

### MP3 disc

Adopting the third audio frequency high compression of MPEG-I echo performance of high quality audio.

### Super VCD

Combining the strongpoint of DVD and VCD ,It not only has echo performance of high quality audio but also cheap price and and abounding program.

### MiDi DVD

Midi is the initial letter of Music Instrument Digital Interface . Midi DVD is a disc withmusic file of recorded midi format or video file with other format which can be played in equipment with normal midi connector.

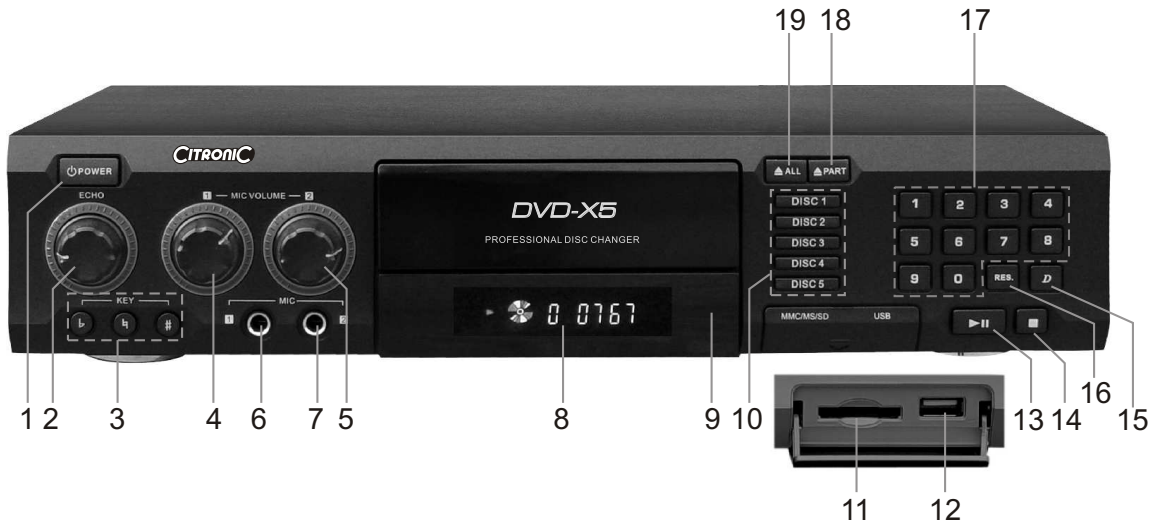
### MPEG4:

Disc is disc with mpeg4 protocol, MPEG4 is compress standard, image quality near dvd disc, sound quality near cd disc.

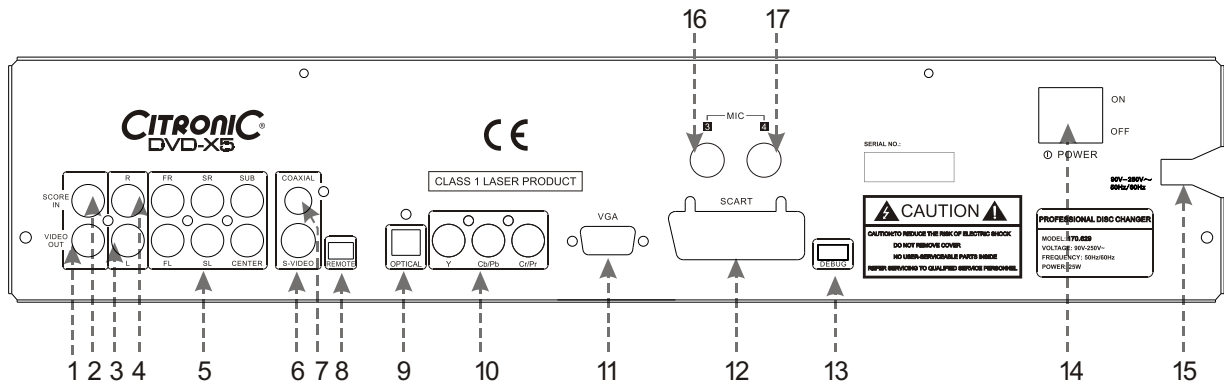
### DVD Disc

DVD is initial letter of Digital Video Disc. It contains two hours' movie and music with eight swing and record 32 kinds of language. With MPEG-II film zip and digital stereo effect function, the user can enjoy high quality image and good acoustics at home.

# Panel Caption



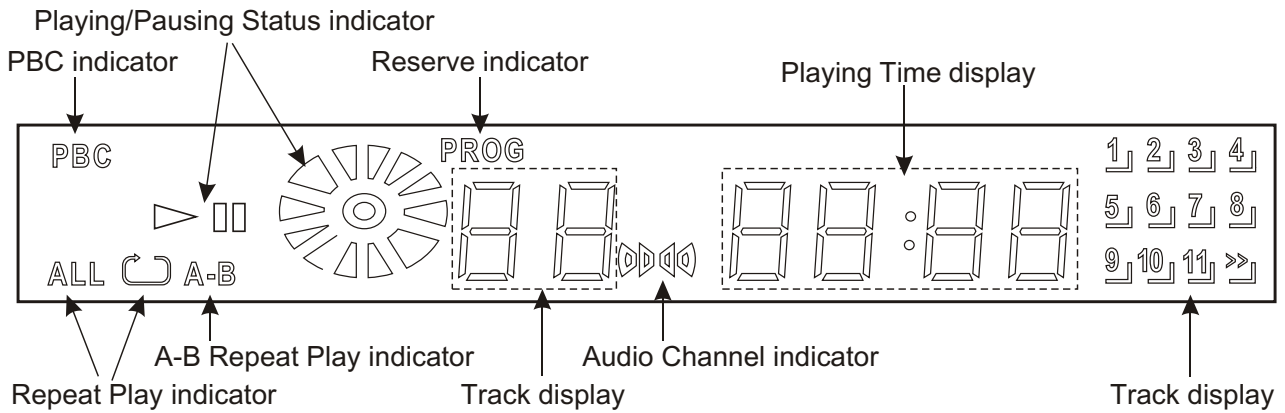
- |                             |   |
|-----------------------------|---|
| 1. POWER Button             | 11. MMC/MS/SD Jack  |
| 2. ECHO Control Knob        | 12. USB Jack  |
| 3. KEY Control Button       | 13. PLAY/PAUSE Button   |
| 4. MIC1 VOLUME Control Knob | 14. STOP Button   |
| 5. MIC2 VOLUME Control Knob | 15. D Button  |
| 6. MIC1 Jack                | 16. RES. (short for reserve) Button                               |
| 7. MIC2 Jack                | 17. Numeric Buttons(0-9)  |
| 8. Front Panel Display      | 18. PART ▲: Eject all the four disc trays except the playing one. |
| 9. Remote Sensor            | 19. ALL ▲: Eject all the five disc trays.                         |
| 10. Disc1 – Disc5 Button    |   |



- |                          |                          |
|--------------------------|--------------------------|
| 1. VIDEO OUTPUT          | 10. Y,Cb/Pb,Cr/Pr OUTPUT |
| 2. SCORE IN              | 11. VGA OUTPUT           |
| 3. LEFT AUDIO OUTPUT     | 12. SCART OUTPUT         |
| 4. RIGHT AUDIO OUTPUT    | 13. DEBUG OUTPUT         |
| 5. (5+1) AUDIO OUTPUT    | 14. POWER SWITCH         |
| 6. S-VIDEO OUTPUT        | 15. POWER IN             |
| 7. COAXIAL NUMBER OUTPUT | 16. MIC3 Jack            |
| 8. REMOTE RECEIVER       | 17. MIC4 Jack            |
| 9. OPTICAL OUTPUT        |                          |

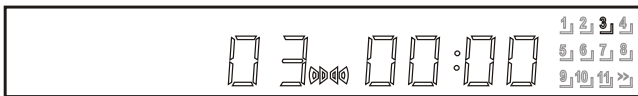


# Display Window

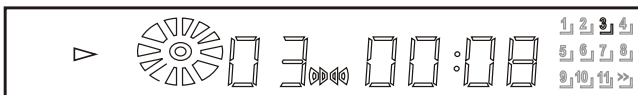


## DVD DISC

When stop playing:  
Example:

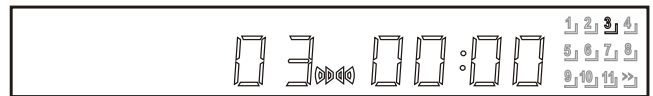


During playing:  
Example:



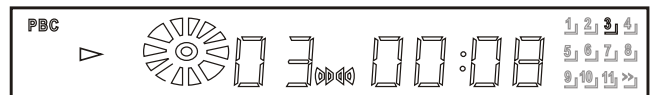
## VCD DISC

When stop playing:  
Example:



During playing:  
Example:

PBC indicator will light up if the user uses PBC.

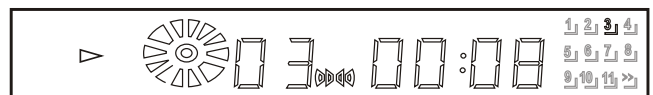


## AUDIO CD

When stop playing:  
Example:



During playing:  
Example:



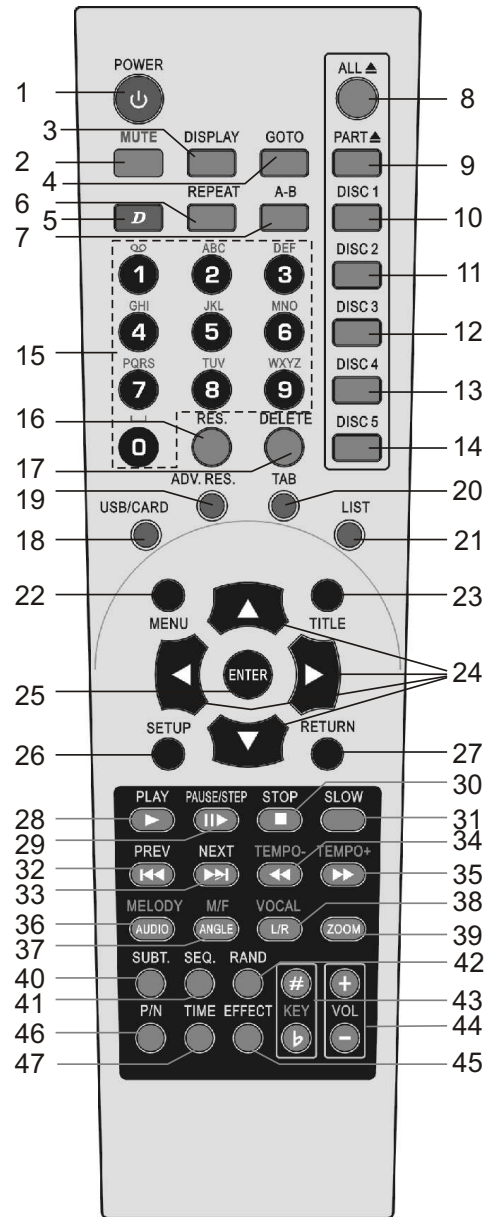
### Other indicators:

- :When repeat to play the same title, chapter or track.
- ALL:When repeat to play the entire disc.

- A-B:**When repeat to play the setup section.
- PROG:**During reserve playing.

# Remote Control

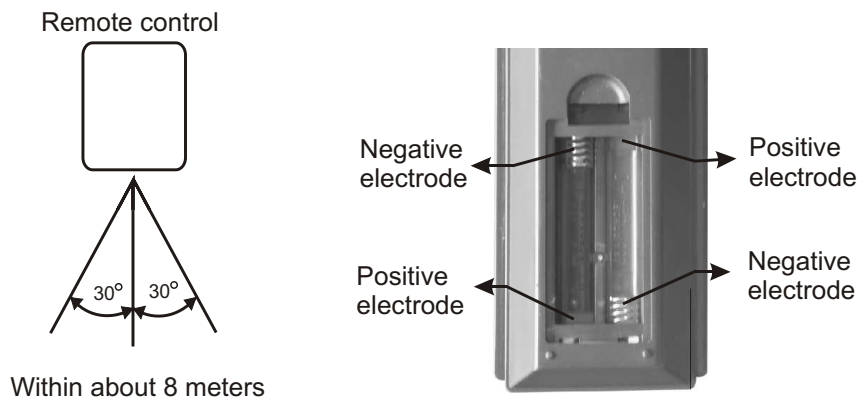
1. POWER button
2. MUTE button: open/close the audio output.
3. DISPLAY button: open/close the status bar.
4. GOTO button: select the playing start-point randomly by GOTO function.
5. D button: confirm the disc NO. in karaoke mode, or its function is identical to the button of [DELETE].
6. REPEAT button: select the repeat mode (DVD disc includes "repeat chapter" and "repeat title"; CD/VCD/SVCD disc includes "repeat single song" and "repeat the entire disc"; MP3/MP4 disc includes "repeat single song", "repeat dir" and "repeat the entire disc")
7. A-B button: set the repeat section of playing.
8. ALL▲: open/close all the five disc trays
9. PART▲: open/close the disc trays except the playing one.
10. DISC1 button: control the NO.1 disc tray
11. DISC2 button: control the NO.2 disc tray
12. DISC3 button: control the NO.3 disc tray
13. DISC4 button: control the NO.4 disc tray
14. DISC5 button: control the NO.5 disc tray
15. NUMBER buttons: used to order songs or search songs by initial letter.
16. RES. button: realize the function of reserve when the player plays the MIDI disc, or realize the function of program.
17. DELETE button: realize the function of deletion.
18. USB/CARD button: switch the different data sources. (include READ DISC, USB, READ CARD)
19. ADV.RES. (short for advance reserve) : adjust the sequence of the songs which are in the reserving list when the player plays the MIDI disc.
20. TAB button: switch the working range of the direction buttons in the list.
21. LIST button: open/close the list
22. MENU button: open/close the menu
23. TITLE button: displays all information in the current title. (This function is only available to DVD disc)
24. ▲/▼/◀/▶ buttons: adjust the cursor position.
25. ENTER button
26. SETUP button: set each parameter of system function.
27. RETURN button
28. PLAY button
29. PAUSE/STEP button: realize the function of pause when you press the button once; realize the function of step when you press the button twice, then the image will move forward step by step if you press the button repeatedly.
30. STOP button: stop playing if you press the button in the playing mode (play the next reserving song if you press the button when the player plays the songs in reserving list.)
31. SLOW button: slow the speed of playing forward.
32. PREV button: the previous song
33. NEXT button: the next song
34. REV/TEMPO-: when the player plays the MD disc, the function of this button is "slow the tempo", or the function of this button is "quicken the speed of playing backward".
35. FWD/TEMPO+: when the player plays the MD disc, the function of this button is "quicken the tempo", or the function of this button is "quicken the speed of playing forward".
36. MELODY/AUDIO button: open or close the melody when the player plays the MIDI disc; choose the dialogue language when the player plays the MIDI disc. (MELODY is only available to the songs without vocal)



37. M/F/ANGLE button: choose the tone when the player plays the MIDI disc; choose the playing angle when the player plays the DVD Disc.
38. VOCAL/L/R: set the function of vocal when the player plays the MIDI disc, or it is used to switch the sound channel.
39. ZOOM button: enlarge the image you enjoy.
40. SUBT. (short for subtitle) button: change the language of subtitle. (this function is only available to the discs with multi languages of subtitle)
41. SEQ. (short for sequence) button: enter or exit the sequence playing mode.
42. RAND (short for random) button: enter or exit the random playing mode.
43. KEY  $\flat$  /  $\sharp$ : adjust the setup of key.
44. VOL (short for volume) + / - : increase or decrease the volume.
45. EFFECT button: set the parameter or mode of effect.
46. P/N button: adjust the TV service pattern.
47. TIME button: set or cancel the timer

# Remote Control

You can operate the player using the supplied remote. Insert two Size AAA (R7) batteries by matching the + and - ends on the batteries to the markings inside the compartment. When using the remote, point it at the remote sensor R on the player.



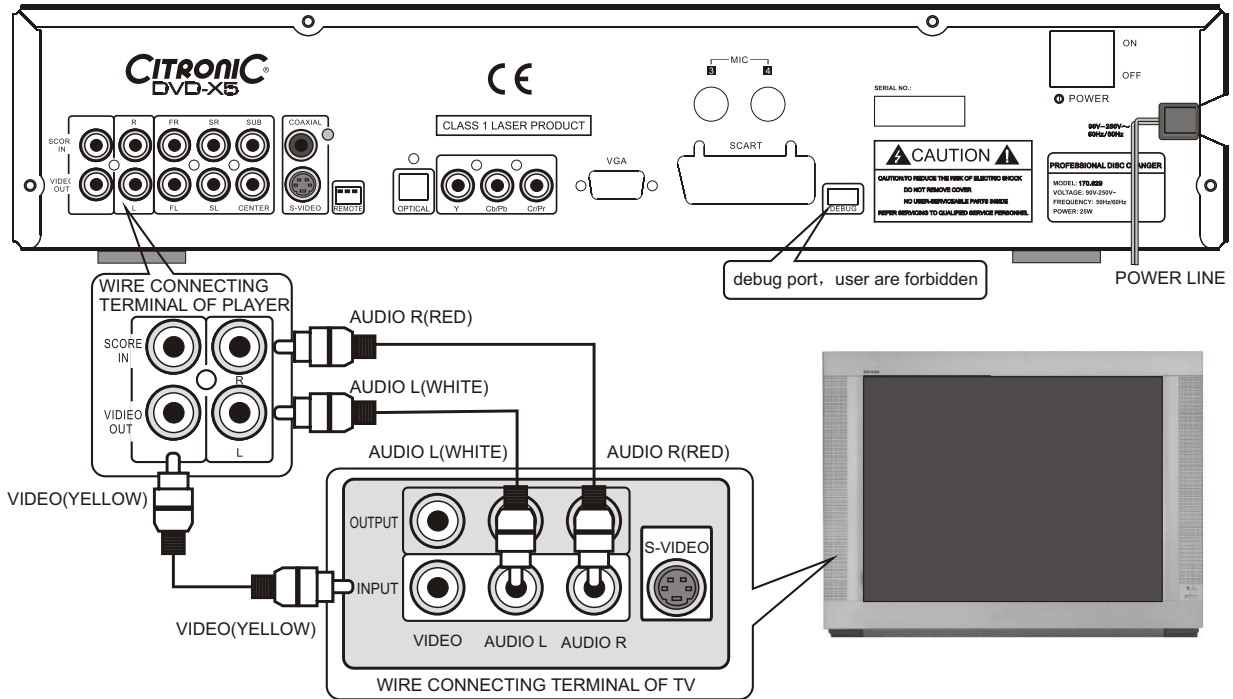
## Notes

- ✘ Under normal conditions, batteries can use for six months. If you find that the remote control is no longer operating correctly, please replace the batteries. Never use the batteries of different type together.
- ✘ Don't decompose the batteries or throw them into the fire.
- ✘ Don't leave the remote in the extremely hot or humid place.
- ✘ Don't drop any external object into the remote casing, particularly when replacing the batteries.
- ✘ Don't expose the remote sensor to direct sunlight or lighting apparatus. Doing so may cause a malfunction.
- ✘ If you don't use the remote for a long time, remove the batteries to avoid possible damage from battery leakage and corrosion.

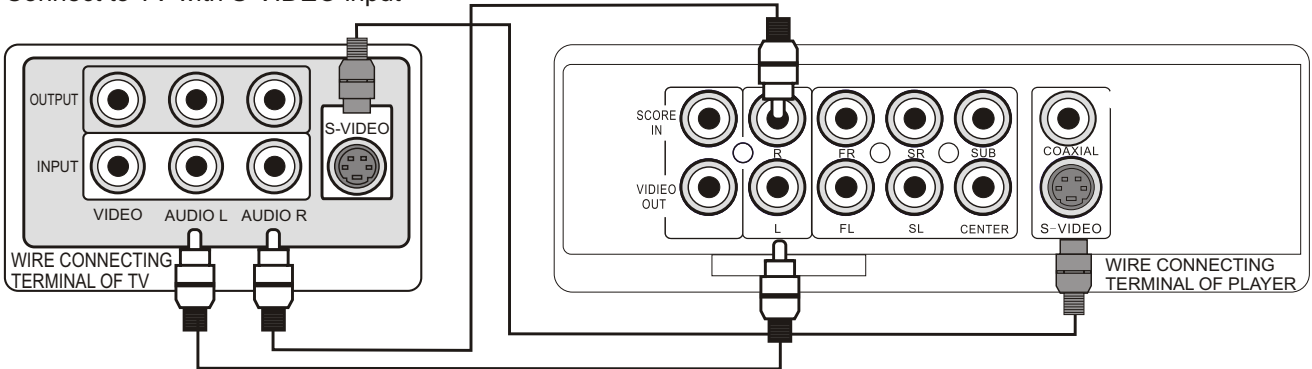
# How to Connect

⚠ Please switch off the power before connecting.

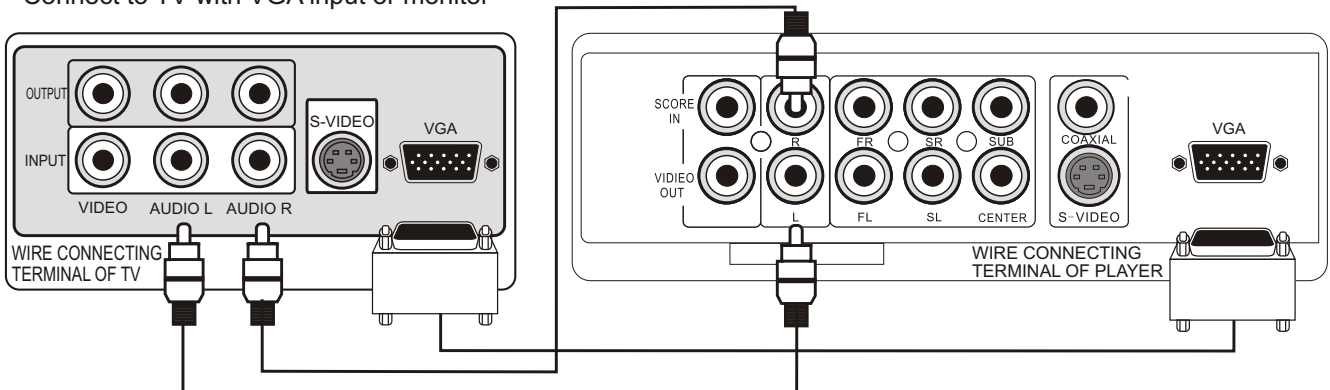
Connect to TV with AV input



Connect to TV with S-VIDEO input



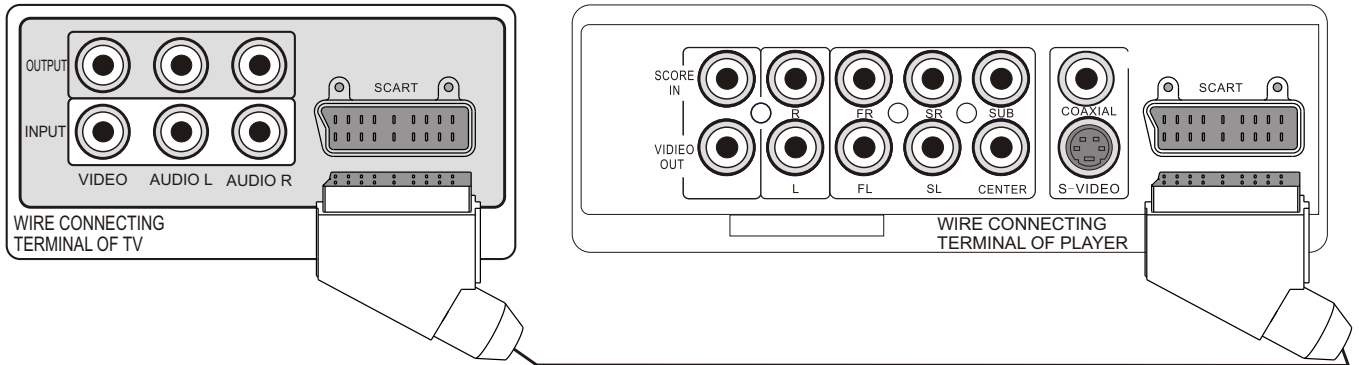
Connect to TV with VGA input or monitor



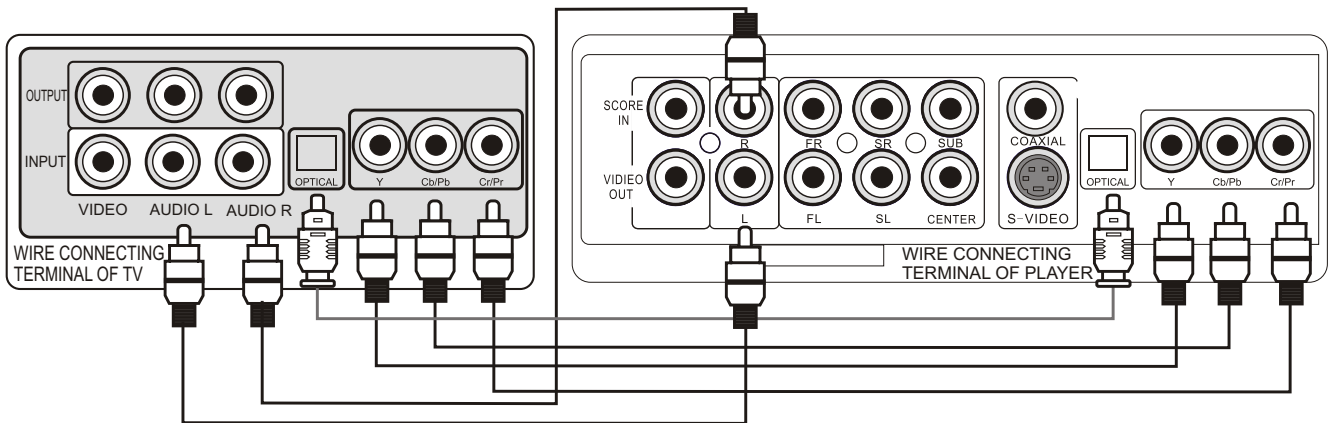
※ User can select any kind video output mode among VIDEO, S-VIDEO, VGA and YCb(Pb)Cr(Pr) in setup menu.

# How to Connect

## Connect to TV with SCART input



## Connect to TV with Y,Cb/Pb,Cr/Pr input

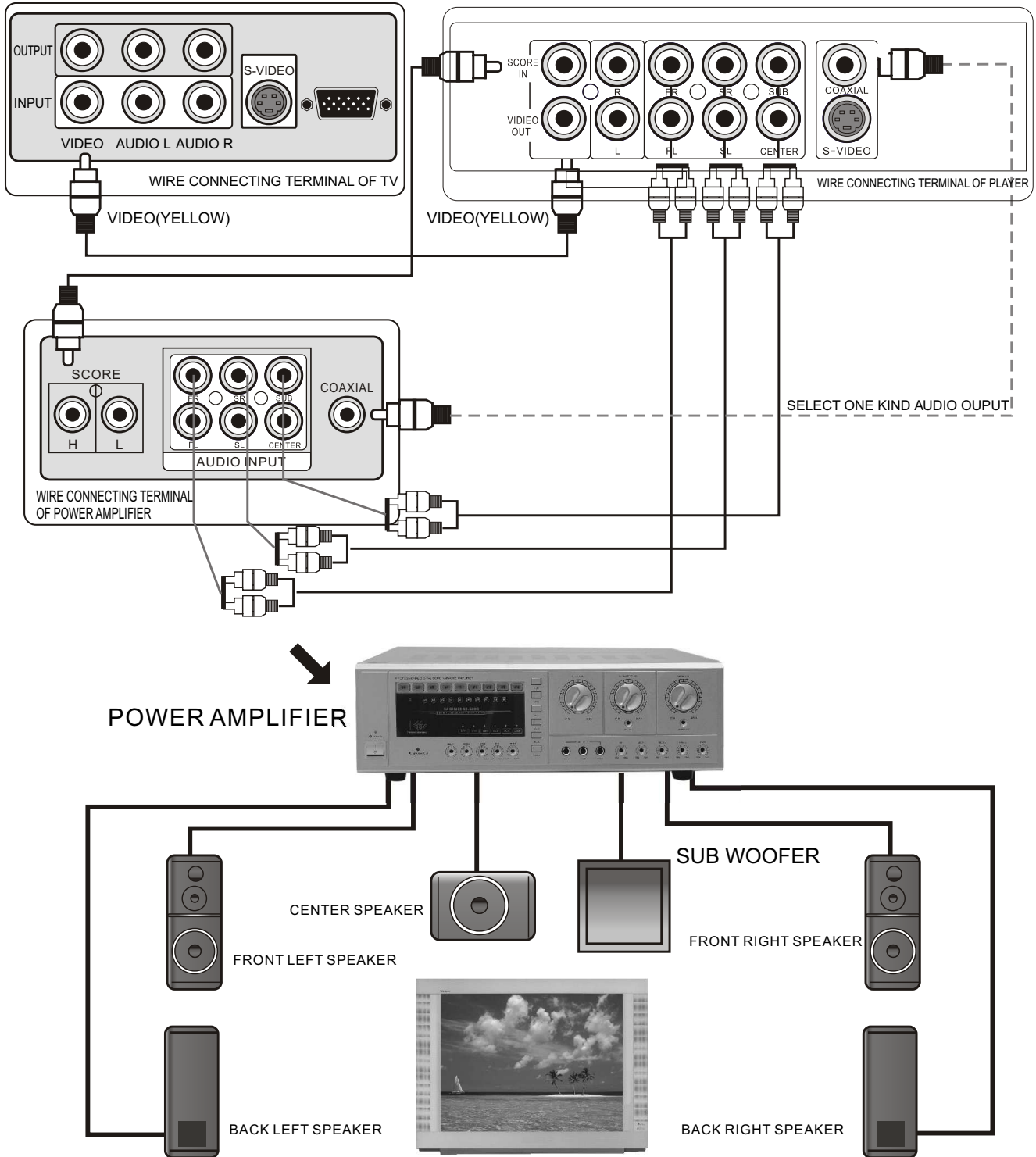


※ Note: User should prepare optical connecting wire in addition.

# How to Connect

Connect to TV with AV input and power amplifier with karaoke score out and 5+1 audio channels

Connect to power amplifier with 5+1 audio channels



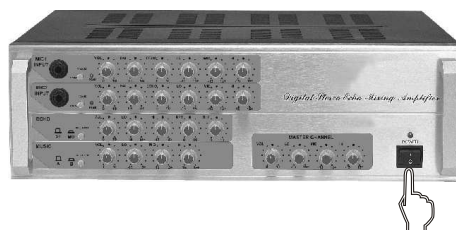
※ Note: 5+1 audio channels can't output the midi musical sound.  
Musical sound can be output only by audio L and audio R.

# How to Operate the Player

After you finish connecting the player to TV and amplifier, please operate as follow:

## I. Turn on the Player

1. Switch the input selector on your TV so that the signal from the player appears on the TV screen.
2. If you use the stereo amplifier, please turn on the power.



3. Press the power switch on the rear panel of the player.

## II. Turn off the Player

If you press the button of [POWER] on the remote control or front panel when the player is on, you can turn off the player.

If you don't use the player for a long time, you'd better switch off the power on the rear panel.

- ※ While you are changing the discs for the player, please don't switch off the power on the rear panel or plug off the power pin, or the player may encounter some malfunctions during the move.

## III. Controlling Five discs

### 1. ALL ▲

- 1.1 If you press the button of [ALL ▲] when all the disc trays are ejected, the player will close all the disc trays and send NO.1 disc tray to the playing position. TV screen displays "CLOSE".
  - ※ If the NO.1 disc tray is empty, the player will search a disc from DISC 2 to DISC 5.
  - ※ If you press the button of [ALL ▲] when all the five disc trays are ejected and empty, the player will close all the disc trays first and then detect the five disc trays, when the player finds that all the disc trays are empty, TV screen displays "NO DISC".
- 1.2 If you press the button of [ALL ▲] when part disc trays are ejected, the player will close the ejected disc trays first and then exit the playing disc tray from the playing position, at last eject all the disc trays. TV screen displays "OPEN".
- 1.3 If you press the button of [ALL ▲] when all the disc trays are closed, the player will exit the playing disc from the playing position first and then eject all the disc trays. TV screen displays "OPEN".

### 2. PART ▲

- 2.1 If you press the button of [PART ▲] when all the disc trays are ejected, the player will close all the disc trays first and then send the NO.1 disc tray to the playing position. TV screen displays "CLOSE".
- 2.2 If you press the button of [PART ▲] when part disc trays are ejected, the player will close these ejected disc trays. TV screen displays "CLOSE".
- 2.3 If you press the button of [PART ▲] when all the disc trays are closed, the player will eject all the four disc trays except the playing one. TV screen displays "OPEN".

### 3. DISC X(X:1-5)

- 3.1 If you press the button of [DISC X] when all the disc trays are ejected, the player will close all the disc trays first, then send the NO.X disc tray to the playing position. TV screen displays "CLOSE".
- 3.2 Part disc trays are ejected in current state: if you press the button of [DISC X] and the NO.X disc tray is in the playing position, the player will close the ejected disc trays. TV screen displays "CLOSE". If you press the button of [DISC X] and the NO.X disc tray is not in the playing position, the player will close the ejected disc trays first and exit the playing disc tray from the playing position, then send the NO.X disc tray to the playing position. TV screen displays "CLOSE".

# How to Operate the Player

3.3 All the disc trays are closed in current state: If you press the button of [DISC X] and the NO.X disc tray is in the playing position, TV screen will display the symbol of void operation. Or the player will eject the playing disc tray from the playing position and send the NO.X disc tray to the playing position, TV screen displays "CHANGE".

## IV. Karaoke Playing Mode (CD, CDG, VCD, MIDI, MP3, MP4)

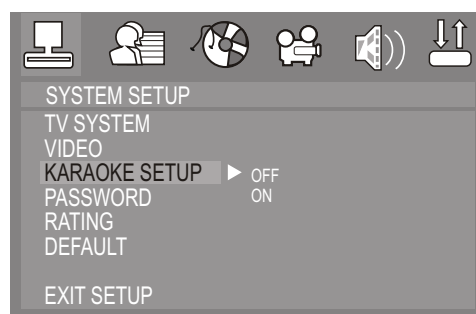
(Users can reserve all songs among five discs optionally in karaoke playing mode. User also can reserve other songs while the player is playing reserved songs.)

### 1. Set the karaoke playing mode

Step1: Press the button of [SETUP] on the remote control to enter the setup menu;

Step2: Switch to the submenu of "SYSTEM SETUP" and move the cursor to the item of "KARAOKE SETUP".

Step3: move the cursor to the item of "ON" then press the button of [ENTER].



### 2. The function of [D]

Pressing the button of [D] can confirm the disc number which is just input by the user. The five numbers following the XD denote the song which user wants to play in disc X.

※ X:1-5

### 3. Reserve songs

The reserve list will display on the top of screen. The latest four reserved song numbers and the total amount of reserved songs will be shown in the reserved list. The content which is shown in the reserve list will be updated duly along with the playing. User can reserve 50 songs at most. The reserve list is as follow:

1D00056 1D00089 2D00088 [03]

### Operation Examples:

EX1: If the playing disc is disc1 currently and user wants to reserve the 388th song in disc1, then user can input 388 and press the button of [RES.]. 1D00388 will be added to the rear of the reserve list.

EX2: If user wants to reserve the 150th song in disc3 and the playing disc is not disc 3 currently, then user can input 3 firstly, press the button of [D] secondly, input 150 thirdly and press the button of [RES.] lastly. 3D00150 will be added to the rear of the reserve list.

※ The player needs about 10 seconds to change disc, please wait patiently.

※ After the user finishes singing a song, the score will be displayed on the screen.

## V. Routine Playing Control

### 1. Playing the MiDi Disc

You can choose and buy the MiDi disc which is provided by our company according to your personal need, the accessories include MiDi disc and a song book.

Find out the MiDi disc from the disc trays and play it in the playing position, the TV screen displays "SELECT" when the disc is read out by the player.

Press NUMBER buttons to input the song number and then press [▶] or [ENTER] to play.



# How to Operate the Player

## 1.1 The Function of Reserving

In the playing mode, if you input the song number which you want to play next and then press the button of [RES.], you can reserve this song. The reserving list will be displayed on the top of TV screen. If the current song ends, the player will play the next song in reserving list orderly.

For example:

Reserve the song whose NO. is "00888" and whose name is "Hong Touying"

Step1. Input the song number which you want to program (such as 888)

→TV screen displays "Song Name: Hong Touying Reserve: 00888".

Step2. Press the button of [RES.], the top of TV screen displays "00888".

- ※ If you input a song number and then press the button of [▶] or [ENTER] during the player plays the songs which are belong to the reserving list, the player will stop the current song and play the song which you just input, then return to play the other songs in reserving list.
- ※ If you want to play another song which is also be reserved during the player plays the songs which are belong to the reserving list, you can move the cursor to your aimed song by pressing the direction buttons and then press the button of [▶] or [ENTER]. The selected song will be placed at the head of reversing list and the player will stop the current song and play the selected song.
- ※ If you stop the current song by pressing the button of [STOP] during the player plays the songs which are belong to the reserving list, the player will play the next reserved song in the reserving list automatically.
- ※ You can re-adjust the sequence of the songs in reserving list by pressing the button of [ADV.RES.]

**For example:**

If there are four songs in the reserving list as "05895 01562 00222 00556" and you want to make the 00222 advanced.

Step1: move the cursor to the 00222 by pressing the direction buttons;

Step2: press the button of [ADV.RES.];

The new sequence of songs in the reserving list is: 00222 05895 01562 00556

## 1.2 Cancel the Function of Reserving

Choose the song which you want to delete in the reserving list by pressing the direction buttons and then press the button of [DELETE], you can delete the reserved song which you select.

※ You can not delete the playing song.

For example: There are four songs in the reserving list as "05895 01562 00222 00556".

If you want to delete the song of "00222", you should move the cursor to the "00222" by pressing the direction buttons, TV screen displays "00222Qing Shu". Press the button of [DELETE], the top of TV screen shows "05895 01562 00556".

## 1.3 The Function of Vocal

When the player plays a song with vocal:

If you press the button of [VOCAL] for the first time, TV screen displays: "VOCAL ON";

If you press the button of [VOCAL] for the second time, TV screen displays: "AUTO"

If you press the button of [VOCAL] for the third time, TV screen displays: "VOCAL CANCEL".

- ※ The function of this button is VOCAL only in MiDi disc.
- ※ This button doesn't work if the song is without vocal.

# How to Operate the Player

## 1.4 The Function of Melody

Press the button of [MELODY] to adjust the setup of melody.

If you press the button of [MELODY] for the first time, TV screen displays: "MELODY ON";

If you press the button of [MELODY] for the second time, TV screen displays: "MELODY OFF";

※ The function of this button is MELODY only in MIDI disc, this button doesn't work if the song is with vocal.

## 1.5 The Function of Male/Female Tone

Press the button of [M/F] for the first time, TV screen displays "MALE TONE";

Press the button of [M/F] for the second time, TV screen displays "FEMALE TONE";

Press the button of [M/F] for the third time, TV screen displays "RESUME TONE".

## 1.6 The Function of Mute

When the player is playing the MIDI disc:

Press the button of [MUTE] for the first time, TV screen displays "MUTE";

Press the button of [MUTE] for the second time, the function of MUTE will be canceled.

## 1.7 The Function of Pause

When the player is playing the MIDI disc:

Press the button of [PAUSE], TV screen displays "PAUSE II " (In the mode of PAUSE, the picture is still and the sound disappears)

Press the button of [▶], the player returns to the normal playing mode.

## 1.8 The Function of Display

(Displays the current song name which is playing and the reserving list mainly)

When the playing information has been displayed on the top of TV screen, you can make the playing information disappear by pressing the button of [DISPLAY].

When the playing information doesn't be displayed on the top of TV screen, you can make the playing information appear by pressing the button of [DISPLAY].

## 1.9 The Function of TEMPO+/TEMPO- : adjust the playing speed

Play forward quickly (includes four steps, the step is higher, the speed of playing forward is quicker)

① Press the button of [TEMPO+] for the first time, TV screen displays "[---- ||----] 01"

② Press the button of [TEMPO+] for the second time, TV screen displays "[ ---- | - | -- ] 02"

③ Press the button of [TEMPO+] for the third time, TV screen displays "[ ---- | -- | - ] 03"

④ Press the button of [TEMPO+] for the fourth time, TV screen displays "[ ---- | --- | ] 04"

⑤ Return to the normal speed by pressing the button of [▶].

# How to Operate the Player

Play forward slowly (includes four steps, the step is higher, the speed of playing ahead is slower)

- ① Press the button of [TEMPO-] for the first time, TV screen displays "[---| |-----] -1"
- ② Press the button of [TEMPO-] for the second time, TV screen displays "[--| -|-----] -2"
- ③ Press the button of [TEMPO-] for the third time, TV screen displays "[-|---|-----] -3"
- ④ Press the button of [TEMPO-] for the fourth time, TV screen displays "[|----|-----] -4"
- ⑤ Return to the normal speed by pressing the button of [▶].

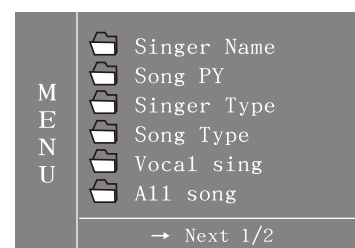
## 1.10 The Function of Repeat: Replaying the current song

Press the button of [REPEAT], TV screen displays "REP1" and replays the current song.

## 1.11 MENU

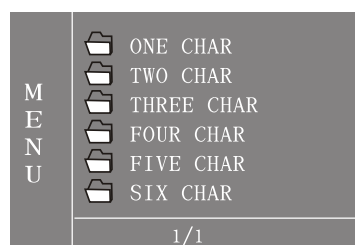
Press the button of [MENU], TV screen displays as [1.11-1]

The items which are included in the main menu are: Singer Name, Song PY (Intelligent), Singer Type, Song Type, Vocal sing, All song, Select Play, Score Set, Language Set.



[1.11-1]

1.11.1 Singer Name: Search the songs according to Word Count (includes six sorts: 1 to 6). TV screen displays as [1.11-2]



[1.11-2]

1.11.2 Song PY(Intelligent): There are three or four letters correspond to a number button. For outputting the different letter, you need to press the same button once or twice or three times or four times.

For example:

When you enter the sub-menu of "Song PY", TV screen displays as [1.11-3]

Order the song whose name is "Love Me"

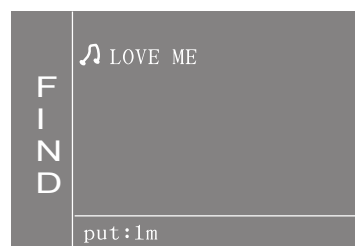
Step1. The initial letter of "Love" is "L", press the number button of "5" for three times then press the number button of "1" to confirm ( you can also confirm the input letter by pausing several seconds)

Step2. The initial letter of "Me" is "M", press the number button of "6"once then press the button of "1" to confirm ( you can also confirm the input letter by pausing several seconds) TV screen displays as [1.11-4]

※ The number button "1"can confirm the input letter, the number button "0"can delete the input letter.



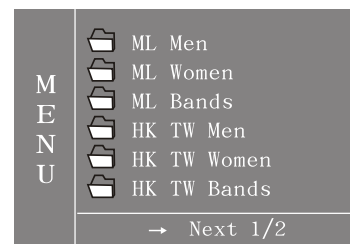
[1.11-3]



[1.11-4]

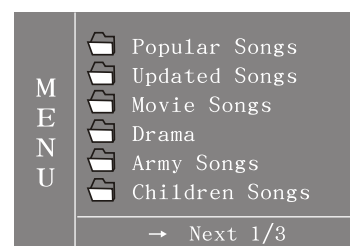
# How to Operate the Player

1.11.3 Singer Type: includes Chinese Mainland Male Singer / Female Singer/Band, Hong Kong and Taiwan Male Singer/ Female Singer/Band, Oversea Male Singer/Female Singer/ Band and Other. You can search songs by singer type, TV screen displays as [1.11-5]



[1.11-5]

1.11.4 Song Type: includes Popular Songs, Updated Songs, Movie Songs, Drama, Army Songs, Children Songs, Gospel Songs, Congratulations, Couple Songs, Ballad, Dance Drama and Other. You can search songs by song type, TV screen displays as [1.11-6].



[1.11-6]

1.11.5 Random Play: Open/Close

1.11.6 Sequence Play: Open/Close

1.11.7 Select Play: Open/Close

1.11.8 Score Set: includes Score Switch, Difficulty Level, Vocal Switch and Random Score.

- ① Score Switch: Open/Close
- ② The Difficulty Levels of Singing: includes Beginner (easier) , Familiar (easy), Normal, Expert(hard) and Master(harder).
- ③ Vocal: Open/Close
- ④ Random Score: Open/Close.

1.11.9 Language Setup: you can choose the language according to your need.

## 1.12 Adjust 3D EFFECT

Adjust 3D EFFECT by pressing the button of [EFFECT] repeatedly, TV screen displays.



The available items are: STANDARD, JAZZ, POP, LIVE, ROCK and CLASSIC.

## 1.13 The Function of List

This function is designed to order song specially, compare to other ordering song methods, it is more intuitionistic and convenient.

Press the button of [LIST] to enter the new ordering song interface, TV screen displays as [1.13]



[1.13-1]



[1.13-2]

# How to Operate the Player

There are two layers' selections. The external layer can make the songs in song list queue according to different languages and word count; the internal layer can switch the different songs.

Song Language: when the left-up corner of the list interface displays:

↔, you can switch different song languages by pressing the [LEFT] or [RIGHT] button.

Song Word Count: when the left-up corner of the list interface displays:

↕, you can switch different song word counts by pressing the [UP] or [DOWN] button.

Internal layer: when the left-up corner of the list interface displays:

↔, you can realize the function of PAGE UP or PAGE DOWN by pressing the [LEFT] or [RIGHT] button, and you can choose a song by pressing the [UP] or [DOWN] button.

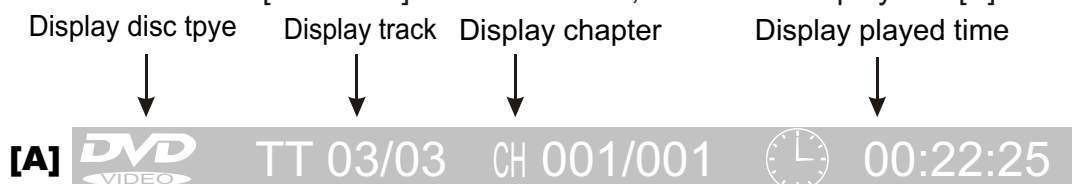
You can switch the operation range of direction buttons by pressing the button of [TAB].

## 2. Confirmation Playing Mode

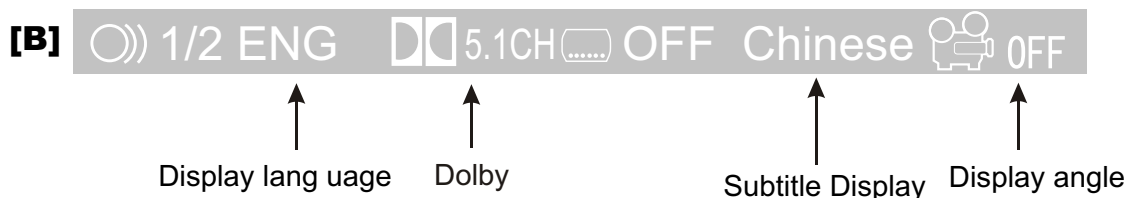
### 2.1 In DVD Mode

Indicate the status of ongoing time, title and chapter.

① Press the button of [DISPLAY] for the first time, TV screen displays as [A].



② Press the button of [DISPLAY] for the second time, TV screen displays as [B].



③ Press the button of [DISPLAY] for the third time, the related display will be canceled.

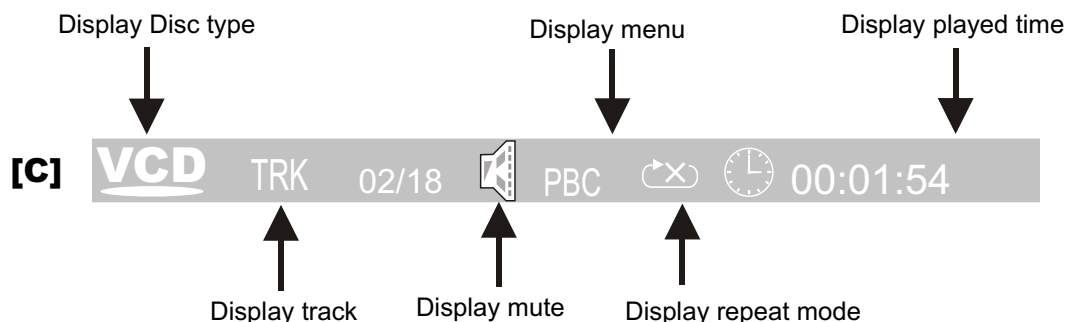
※ Title refers to a film.

※ Usually a film can be divided into several sections, chapter is a section among them.

### 2.2 In VCD Mode

Indicate the status of disc type, ongoing time, track number, mute, PBC and repeat.

① Press the button of [DISPLAY] for the first time, TV screen displays as [2.2-1].



② Press the button of [DISPLAY] for the second time, the related display will be canceled.

※ You can select a song in playing mode and set the repeat mode only when the PBC is shut.

# How to Operate the Player

## 3. Searching the Image You Want

(This function is only available for the discs such as DVD, VCD and MPEG4)

3.1 In the playing mode, you can search the image you want forward or backward by pressing the button of [▶▶] or [◀◀].

### Search Forward Fast

- ① Press the button of [▶▶] for the first time, TV screen displays "FORWARD X2 ▶▶"  
Play forward at the double normal speed (sound disappear).
- ② Press the button of [▶▶] for the second time, TV screen displays "FORWARD X4 ▶▶"  
Play forward at the fourfold normal speed (sound disappear).
- ③ Press the button of [▶▶] for the third time, TV screen displays "FORWARD X8 ▶▶"  
Play forward at the eightfold normal speed (sound disappear).
- ④ Press the button of [▶▶] for the fourth time, TV screen displays "FORWARD X20 ▶▶"  
Play forward at the twenty fold the normal speed (sound disappear).
- ⑤ Press the button of [▶▶] for the fifth time, TV screen displays "PLAY".  
The playing speed returns to normal (sound returns to normal).

### Search Backward Fast

- ① Press the button of [◀◀] for the first time, TV screen displays "BACKWARD X2 ◀◀"  
Play backward at the double normal speed (sound disappear).
- ② Press the button of [◀◀] for the second time, TV screen displays "BACKWARD X4 ◀◀"  
Play backward at the fourfold normal speed (sound disappear).
- ③ Press the button of [◀◀] for the third time, TV screen displays "BACKWARD X8 ◀◀"  
Play backward at the eightfold normal speed (sound disappear).
- ④ Press the button of [◀◀] for the fourth time, TV screen displays "BACKWARD X20 ◀◀"  
Play backward at the twenty fold normal speed (sound disappear).
- ⑤ Press the button of [◀◀] for the fifth time, TV screen displays "PLAY".  
The playing speed returns to normal (sound returns to normal).

### 3.2 Search the image you want with the function of "GOTO"

(This function is only available for the discs such as VCD, DVD and MPEG4)

- ① Press the button of [GOTO], TV screen displays as [A]



- ② Move the cursor to the position of hour/minute/second "00:00:00" by pressing the button of [LEFT] or [RIGHT], then input the time you need by number buttons.
  - ③ Switch to play the image which is recorded at the certain time you select after you press the button of [ENTER] or [PLAY] or wait for a few seconds.
- ※ When the player plays DVD disc, the functions such as select title, select chapter and select time are available, TV screen displays as [B].



- ※ If you want to modify the time value you input, please press the button of [DELETE], then re-input the time value.
- ※ In the MP3/CD mode, you can switch to another song or change the playing start-point of a song by the function of "GOTO".

# How to Operate the Player

## 3.3 Search the image you want with the function of [ ◀◀ ] or [ ▶▶ ]

(This function is available to VCD, DVD, MPEG4)

Switch to the previous program by pressing the button of [ ◀◀ ], TV screen displays "PREV◀◀".  
Switch to the next program by pressing the button of [ ▶▶ ], TV screen displays "NEXT▶▶".

## 3.4 Search the image you want with the function of "SLOW"

(This operation is only available to VCD, DVD and MPEG4)

(Six levels are included, the level is higher, the speed of searching image forward is slower; sound will disappear during the process of searching image).

- ① Press the button of [SLOW] for the first time, TV screen displays [ SF 1/2 ]
- ② Press the button of [SLOW] for the second time, TV screen displays [ SF 1/3 ]
- ③ Press the button of [SLOW] for the third time, TV screen displays [ SF 1/4 ]
- ④ Press the button of [SLOW] for the fourth time, TV screen displays [ SF 1/5 ]
- ⑤ Press the button of [SLOW] for the fifth time, TV screen displays [ SF 1/6 ]
- ⑥ Press the button of [SLOW] for the sixth time, TV screen displays [ SF 1/7 ]
- ⑦ Press the button of [SLOW] for the seventh time, TV screen displays [PLAY], both speed and sound will return to normal.

## 3.5 Search the image you want with the function of "PAUSE/STEP"

(This operation is only available to VCD, DVD and MPEG4)

- ① Press the button of [PAUSE/STEP] for the first time, TV screen displays "PAUSE||".  
When the player is in the status of PAUSE, the image is still and the sound will disappear.
- ② Press the button of [PAUSE/STEP] for the second time, TV screen displays "STEP▶||".  
When the player is in the status of STEP, you can press the button of [PAUSE/STEP] repeatedly to search the image you want step by step forward, sound will disappear during search. The player will return to the normal playing mode by pressing the button of [ ▶ ].

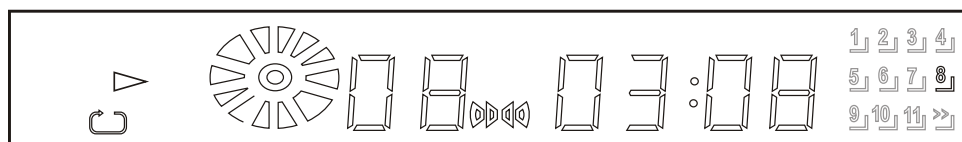
## 4. Repeated Play

### 4.1 The Repeated Status of DVD Disc

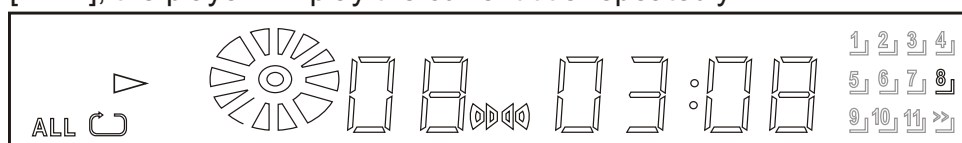
Play the whole title or chapter repeatedly on the base of the current image.

Press the button of [REPEAT] for the first time, TV screen displays "REP [OFF]", the player will word in the normal status.

Press the button of [REPEAT] for the second time, TV screen displays "REP [CHAPTER]", the VFD displays as [4.1-1], the player will play the current chapter repeatedly.



Press the button of [REPEAT] for the third time, TV screen displays "REP [TITLE]", the VFD displays as [4.1-2], the player will play the current title repeatedly.

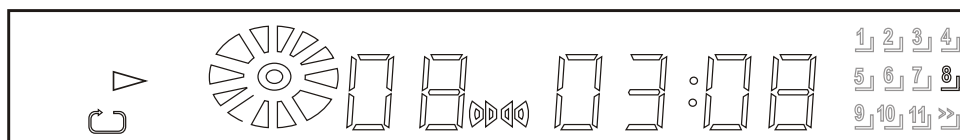


# How to Operate the Player

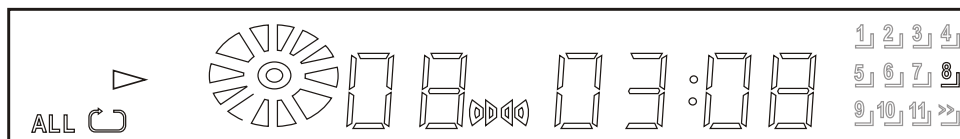
## 4.2 The Repeated Status of VCD and CD Disc

Press the button of [REPEAT] for the first time, TV screen displays "REP OFF", the player will work in the normal playing mode.

Press the button of [REPEAT] for the second time, TV screen displays "REP 1" and the player plays the current playing track repeatedly. The VFD displays as [4.2-1].



Press the button of [REPEAT] for the third time, TV screen displays "REP ALL" and the player plays all songs in current disc repeatedly. The VFD displays as [4.2-2].



- ※ To the discs such as SVCD, VCD, the repeated playing mode can be available only when PBC is shut, so you should switch off the PBC before you choose the repeated mode.
- ※ In addition, MP3 disc can be set to the mode of playing the whole DIR repeatedly.

## 4.3 The Status of Playing the Selected Section Repeatedly

Press the button of [A-B] for the first time to set the starting point of the repeated section you want, press the button of [A-B] for the second time to set the end point of the repeated section you want.

- ① Press the button of [A-B] for the first time, TV screen displays "REPEAT A-"
- ② Press the button of [A-B] for the second time, TV screen displays "REPEAT A-B"  
Then the player will play the all programs which are included in the section you set repeatedly.
- ③ Press the button of [A-B] for the third time, TV screen displays "A-B CANCEL", the player will exit the repeated playing mode and return to the normal playing mode.

## 4.4 The Repeated Status of MP3, and MPEG4 Discs

- ① Press the button of [REPEAT] for the first time, the player will work in the playing mode, TV screen displays "REP OFF".
- ② Press the button of [REPEAT] for the second time, the player plays the current song repeatedly, TV screen displays "REP1".
- ③ Press the button of [REPEAT] for the third time, the player plays all songs in current DIR repeatedly, TV screen displays "REP DIR".
- ④ Press the button of [REPEAT] for the fourth time, the player plays the current disc repeatedly, TV screen displays "REP ALL".



# How to Operate the Player

## 5. Common Button

(Available for CD, CDG, VCD, DVD, MP3, MP4)

5.1 You can augment the volume of the current playing song by pressing the button of [+];  
You can reduce the volume of the current playing song by pressing the button of [-];

5.2 You can raise the tone of the current playing song by pressing the button of [#],  
TV screen displays [b-----h--f----#]  
You can debase the tone of the current playing song by pressing the button of [b],  
TV screen displays [b--f--h-----#]

### 5.3 MUTE

Press the button of [MUTE] for the first time, TV screen displays "MUTE";  
Press the button of [MUTE] for the second time, the player will cancel the function of MUTE.

### 5.4 PAUSE

- ① Press the button of [||▶] for the first time, TV screen displays "PAUSE || "  
The image is still and the sound disappears when the player is in the pausing status.
- ② The player will return to the normal playing mode by pressing the button of [▶ ]

### 5.5 Display

show the current song number and ongoing time mainly.

### 5.6 P/N

You can set the TV system by pressing this button.

Note: When you play a disc which contains several pictures of JPEG format, the operation is similar to MP3 disc. Because pictures of JPEG format are still, the operations referring to volume are of no effect.

## 6. Zooming the Image(VCD, DVD, MP4)

You can use the function of ZOOM to enlarge the image you like during playing. To different discs, the related operations are different.

- ① Press the button of [ZOOM] for the first time,  
TV screen displays as [6-1]. The image will be zoomed double.



[6-1]

- ② Press the button of [ZOOM] for the second time,  
TV screen displays as [6-2]. The image will be zoomed threefold.



[6-2]

# How to Operate the Player

- ③ Press the button of [ZOOM] for the third time, TV screen displays as [6-3]. The image will be zoomed fourfold.



[6-3]

- ④ Press the button of [ZOOM] for the fourth time, TV screen displays as [6-4]. The image will be zoomed one second times.



[6-4]

- ⑤ Press the button of [ZOOM] for the fifth time, TV screen displays as [6-5]. The image will be zoomed one third times.



[6-5]

- ⑥ Press the button of [ZOOM] for the sixth time, TV screen displays as [6-6]. The image will be zoomed one fourth times.



[6-6]

- ⑦ Press the button of [ZOOM] for the seventh time, TV screen displays as [6-7]. The function of ZOOM will be closed and the image will return to the normal.



[6-7]

- ⑧ You can also adjust the position of the whole image by pressing[▲], [▼], [◀], [▶] when you use the function of ZOOM.

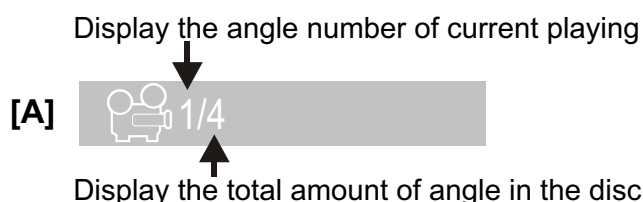
# How to Operate the Player

## 7. Change the Angle

Some discs can be enjoyed from different angles during playing. This function is only available for the DVD disc which supports multi-angles.

First, make sure you have opened the function of DISPLAY.

① Press the button of [ANGLE], TV screen displays as [A]



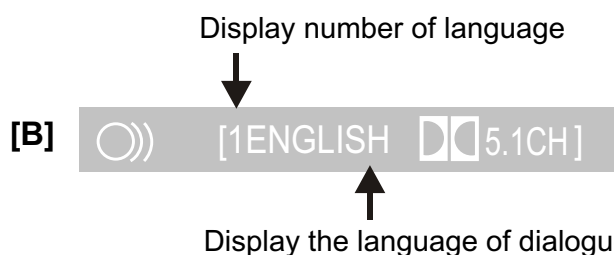
② The player will change an angle each after you press the button of [ANGLE]. To different discs, the amounts of angles which can be chosen are different.

③ If current angle is the last one, you can cancel the function of playing from multiple angles by pressing the button of [ANGLE] again, the image will return to the normal angle.

## 8. Change the Language of Dialogue

You can choose different dialog languages by the function of AUDIO during playing, this function is available only for the DVD discs which support multiple languages of dialogue.

① Press the button of [AUDIO], TV screen displays as [B]



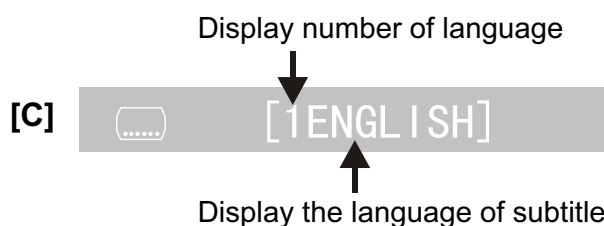
② The player will change a language of dialogue each after you press the button of [AUDIO].

## 9. Change the Language of Subtitle

**(This function is only available for VCD, DVD, MPEG4)**

You can select the language of subtitle optionally during playing, this function is only available for the discs which support multiple languages of subtitle.

① Press the button of [SUBT.], TV screen displays as [C]



② Change a language of subtitle each after you press the button of [SUBT.]

# How to Operate the Player

- ③ If you don't want to display the language of subtitle, you can close the language of subtitle by pressing the button of [SUBT.] for a few times (according to the kinds of subtitle languages supported by the disc), TV screen displays as [D]

[D]  [OFF]

## 10.Menu (VCD, DVD, MP4)

The function of MENU (for VCD and SVCD discs, menu is also named as PBC)

All the information in the disc can be selected in the menu.

- ① Press the button of [MENU], TV screen displays all content in the disc.  
② You can select the playbill you want to play in the menu with the number buttons directly.

### PBC ON

MENU PLAY [ON]

### PBC OFF

MENU PLAY [OFF]

## 11.Title (DVD)

The all information of title can be selected in the title menu.

For example: karaoke music and film section can be selected.

- ① TV screen displays all content in the title if you press the button of [TITLE].  
② You can select your aimed item in the title menu with the number buttons or direction buttons, and then press the button of [ENTER] to confirm. The player will return to the status of title menu if you press the button of [RETURN] in the playing mode.

In DVD mode, if there are multi menus, you can find out the menu you need quickly by pressing the related number buttons.

## 12. Practice Songs

(This function is available for CD, VCD, MP3, MPEG4)

- ① Press the button of [L/R] for the first time, TV screen displays "STEREO"  
② Press the button of [L/R] for the second time, TV screen displays "MONO L"  
③ Press the button of [L/R] for the third time, TV screen displays "MONO R"  
④ Press the button of [L/R] for the fourth time, TV screen displays "AUTO L"  
⑤ Press the button of [L/R] for the fifth time, TV screen displays "AUTO R"  
STEREO (both left sound channel and right sound channel are output at one time)  
※ When you enjoy karaoke, you can cancel the original sound by pressing the button of [L/R], then sing with the accompaniment.  
※ AUDIO L: When you begin singing, the player turns on the original sound; when you stop singing, the player turns off the original sound.  
※ AUDIO R: When you begin singing, the player turns off the original sound; when you stop singing, the player turns on the original sound.  
※ To the discs such as CD, MP3, the items such as STEREO, MONO L, MONO R can be selected. Only.

# How to Operate the Player

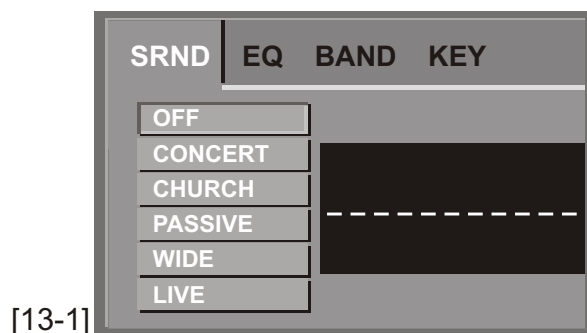
## 13. Set the Sound Effect

(This function is available for CD, CDG, VCD, DVD, MP3, MP4)

Press the button of [EFFECT] to enter the effect menu, use the direction buttons and the button of [ENTER] to set the each item in effect menu one by one.

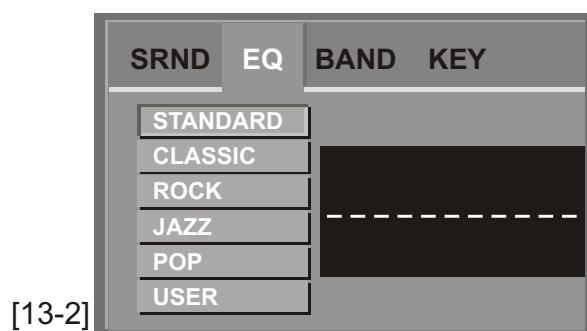
### 13.1 The Function of Surround

The items such as CONCERT, CHURCH, PASSIVE (SURROUND), WIDE, LIVE can be selected. The set menu of SRND as [13-1]



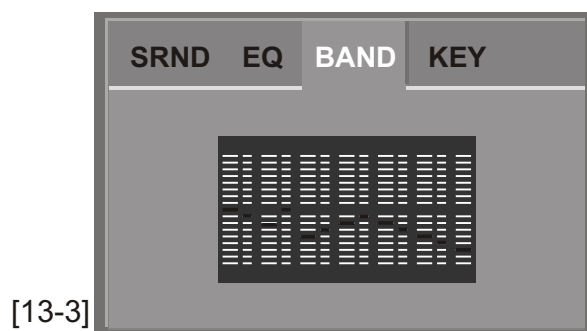
### 13.2 The Function of Equilibrium

The optional items such as STANDARD, CLASSIC, ROCK, JAZZ, POP and USER can be selected. The set menu of EQ as [13-2]



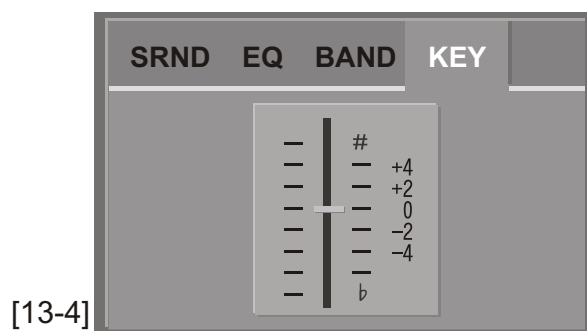
### 13.3 The Function of Frequency Spectrum

The menu of BAND as [13-3]



### 13.4 The Function of Key

The set menu of KEY as [13-4]



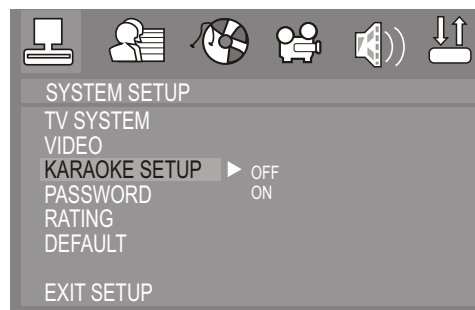
# How to Operate the Player

## 14. Function Setup

### 14.1 System Setup

Press the button of [SETUP], TV screen displays as [14-1]

- ① TV SYSTEM: NTSC, PAL60, PAL, AUTO.
- ② VIDEO: INTERLACE-YUV, P-SCAN, YPBPR, S-VIDEO, PC-VGA
- ③ KARAOKE SETUP: OFF/ON
- ④ PASSWORD: 0000
- ⑤ RATING: NOADULT, KID SAFE, VIEW ALL
- ⑥ DEFAULT: RESTORE
- ⑦ EXIT SETUP



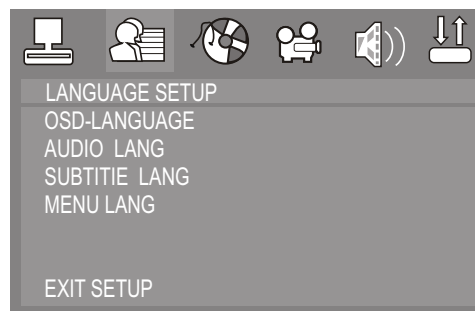
[14-1]

### 14.2 Language Setup

Press the button of [SETUP], and then select the function of language setup by pressing the direction buttons, TV screen displays as [14-2]

※ Language setup is on the premise that the disc is recorded with multi languages

- ① OSD LANGUAGE: it is the language which is displayed on TV screen, it is used to point out or reply the related operations to user. The optional items are such as ENGLISH, CHINESE, GERMAN, SPANISH, FRENCH, and PORTUGUESE can be selected in this player.
- ② AUDIO LANG: it is the language which is used by dialogue. The optional items are such as CHINESE, ENGLISH, JAPAN, FRENCH, SPANISH, PORTUGUESE, LATIN and GERMAN can be selected in this player.
- ③ SUBTITLE LANG: it is the language which is used to display the dialogue. The optional items are such as CHINESE, ENGLISH, JAPAN, FRENCH, SPANISH, PORTUGUESE, GERMAN, OFF can be selected in this player.
- ④ MENU LANGUAGE: it is the language which is used to display the select menu or title menu. The optional items are such as CHINESE, ENGLISH; JAPAN; FRENCH; SPANISH; PORTUGUESE; GERMAN; LATIN, OFF can be selected in this player.
- ⑤ EXIT SETUP



[14-2]

### 14.3 Audio Setup

Press the button of [SETUP], select the function of audio setup by pressing the direction button, TV screen displays as [14-3]

- ① AUDIO OUT: SPDIF/OFF, SPDIF/RAW, SPDIF/PCM
- ② EXIT SETUP






[14-2]

# How to Operate the Player

## 14.4 Video Setup

Press the button of [SETUP], select the function of video setup by pressing the direction button, TV screen displays as [14-4]

- ① BRIGHTNESS: setup image brightness.
- ② CONTRAST: setup image contrast degree.
- ③ HUE: setup image HUE.
- ④ SATURATION: setup image saturation.
- ⑤ TV TYPE: 4 : 3PS , 4 : 3LB , 16 : 9 
- ⑥ EXIT SETUP

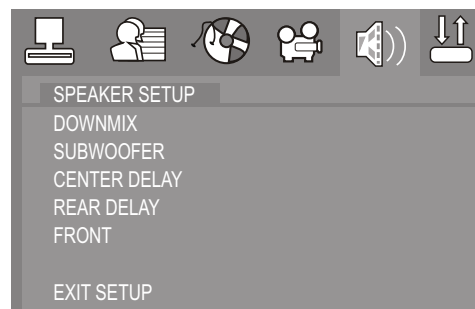


[14-4]

## 14.5 Speaker Setup

Press the button of [SETUP], select the function of speaker setup by pressing the direction button, TV screen displays as [14-5]

- ① DOWNMIX: LT/RT, STEREO, VSS, 5.1CH, OFF
- ② SUBWOOFER: Subwoofer OFF ON
- ③ CENTER DELAY: 0 MS, 2 MS, 4 MS, +MS
- ④ REAR DELAY: 0MS, 6MS, 12MS, + MS
- ⑤ FRONT: LARGE, SMALL
- ⑥ EXIT SETUP

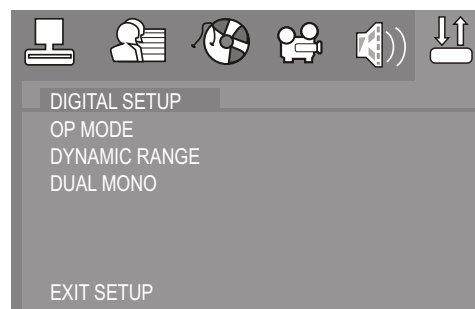


[14-5]

## 14.6 Digital Setup

Press the button of [SETUP], select the function of digital setup by pressing the direction button, TV screen displays as [14-6]

- ① OUTPUT MODE: LINE OUT, RF REMOD
- ② DYNAMIC RANGE: OFF, 2/8, 4/8, 6/8, FULL
- ③ DUAL MONO: STEREO, MONO L, MONO R, MIX MONO
- ④ EXIT SETUP



[14-6]

# How to Operate the Player

## 15. Timer Function

The timer enables you to switch the system off at specific time. Press the button of [TIME] to start the timer, then you can set the time when you want the player turns off automatically.

For example

If I want to make the player turn off automatically in 90 minutes:

Step1: Press the button of [TIME] to start the timer;

Step2: Press the button of [TIME] to select the time value, the items such as 15, 30, 45, 1:00, 1:15, 1:30 are available.

After having set the Timer, the timer indication will be shown on the top of TV screen. If you no longer wish to use the timer, you must cancel it by pressing the button of [TIME].

## 16. Random Play

Switch on/off the random playing mode by pressing the button of [RAND]. If the current playing mode is random, the player will play the songs in current disc at random sequence. This function is only available to all the discs except the MiDi disc.

※ If current playing mode is sequence and you press the button of [RAND], the player will cancel the sequence mode and start the random mode. The note of current playing mode will display on the TV screen if you start the function of display.

## 17. Sequence Play

Switch on/off the sequence playing mode by pressing the button of [SEQ.]. If current playing mode is sequence, the player will play the programs continuous from disc1 to disc5 circularly.

※ If current playing mode is random and you press the button of [SEQ.], the player will cancel the random mode and start the sequence mode. The note of current playing mode will display on the TV screen if you start the function of display.

## 18. Program Play

You can play the programs in current disc in the optional sequence by this function; it is only available to the disc which contains more than two programs.

- ① Press the button of [RES.] to edit the program list. If the current disc is not DVD, TV screen displays as [18-1]; if the current disc is DVD, TV screen displays as [18-2].

PROG			
1----	5----	9----	13----
2----	6----	10----	14----
3----	7----	11----	15----
4----	8----	12----	16----
PLAY		CLEAR	

[6.1-1]

PROG			
T	C	T	C
1---	5---	9---	13---
2---	6---	10---	14---
3---	7---	11---	15---
4---	8---	12---	16---
PLAY		CLEAR	

[6.1-2]

- ② Press the button of [RES.] after you input all the programs' numbers you want, the player will play according to the program list.
- ③ You can reserve 16 programs altogether.
- ④ The serial numbers show the order of the programs in the program list. If you make a mistake when you input the program's number, please press the button of [DELETE] to cancel the number you input; if the current program's number which the cursor points to is not the number you want to delete, please move the cursor to the program's number you want to delete first, then press the button of [DELETE].
- ⑤ You can play the programs which are included in the program list selectively by pressing the direction buttons.



# The function of U Disc/Card (SD/MMC/MS)

When you plug a U Disc or a card into the player, whatever the current state is play or stop, the system will pop-up a switching interface of "READ DISC/ READ USB/ READ CARD", the default data source which the cursor points to is the current one(the priority of "read disc" is highest among the all data sources). If you press the button of [USB/CARD], the system will switch to the different data source (the button of [UP]/ [DOWN] is also available), there are five operation states as following

1. Pitch on a certain data source and press the button of [ENTER], the system will switch to play the data source you select.
2. Pitch on a certain data source, if you don't press the button of [ENTER], the system will also switch to play the data source you select automatically in 10 seconds.
3. If the data source you select is the current one, the system will exit the switching interface in 10 seconds.
4. If there is no disc in the playing position when you plug a U Disc or a card into the player, the system will switch to play the new-input data source automatically. If you want to read disc in this state, you should select a disc NO which is not empty and press the button of [ENTER].
5. If there is a disc in the playing position when you play the U Disc or card, the system will switch to read disc immediately after you pull out the U Disc or card which you just played.



Note: If you insert a U-Disc or a card when the player is playing the midi disc, even though you don't switch the data source, there are two automatic operation processes as following

1. If there is no midi song in the program list, the system will switch to play the new-input data source automatically after it finishes the current song.
2. If there are some midi songs in the program list, the system will switch to play the new-input data source automatically after it finishes playing the songs you program before inserting the U Disc or card. In addition, the system will record the songs' numbers which you program after inserting the U Disc or card. When you return to the state of "READ DISC" by pressing the button of [USB/CARD] after the system finishes playing the files in U Disc or card, the system will play the remaining midi songs in the program list.

※ If there is no card or U-Disc available, when you press the button of [USB/CARD], the screen displays "USB/CARD NOT FOUND".

※ If there are several kinds of files such as MP3, JPEG and MP4 in the U disc or card, three icons will be appeared on the right-down corner on the TV screen. You can play the different file by pressing the direction buttons to move the cursor to the different icons.

# Troubleshooting

Symptoms	Action
? The remote has no function	<ul style="list-style-type: none"> <li>* Remove the obstacles in the path of the remote and the player.</li> <li>* Point the remote at the remote sensor on the player.</li> <li>* Replace all the batteries in the remote with new ones if they are weak.</li> </ul>
? There is no image, no color The image is rolling vertically	<ul style="list-style-type: none"> <li>* Check the TV mode whether or not right.</li> <li>* Check that the player is connected securely.</li> </ul>
? There is no sound	<ul style="list-style-type: none"> <li>* Press the [SETUP] button change the player mode to right.</li> <li>* Check the audio output whether or not connected securely to the TV or amplifier.</li> <li>* Check the power of TV whether or not turn on.</li> <li>* Whether or not turn on the tv or amplifier volume</li> </ul>
? There is no sound from the microphone	<ul style="list-style-type: none"> <li>* Check the power of the microphone whether or not turn on.</li> <li>* Check the audio output whether or not connected securely.</li> <li>* The volume of microphone whether or not in minimum mode.</li> </ul>
? There is whistle when insert the microphone	<ul style="list-style-type: none"> <li>* The volume of the microphone. (MIC1 LEVEL, MIC2 LEVEL)</li> <li>* Make sure you turn on the volume of TV or Amplifier.</li> </ul>
? Cheesy of the image	<ul style="list-style-type: none"> <li>* The disc may be dirty or have deep scratches.</li> </ul>
? When playing as some place, the player can not continue	<ul style="list-style-type: none"> <li>* The mode of player whether or not in [A-B] repeat status.</li> <li>* The disc may be dirty or have deep scratches.</li> </ul>
? The disc does not play	<ul style="list-style-type: none"> <li>* There is no disc inside.(no disc appears)</li> <li>* Insert the disc with the label side up on.</li> <li>* The disc tray correctly.</li> <li>* Whether or not used the disc overrun the giftie of the player.</li> </ul>

# Accessories

**Check that you have the following items:**

1. Operating Instructions (1)
2. AV cable (1)
3. Remote control (1)

Record the product information in the table provided below.  
Refer to them whenever you call upon your dealer regarding this product.

<b>Purchase Date:</b>
<b>Model NO:</b>
<b>Machine Serial NO:</b>
<b>Selling Dealer:</b>
<b>Dealer Address:</b>
<b>Dealer Phone:</b>

# Specifications

Audio Characteristics	Output Voltage(V)	2.0(+0.2 -1.0)
	Frequency Response	20Hz-20kHz $\pm$ 3dB
	Signal/Noise Ratio(dB)	$\geq$ 80
	Dynamic Range(dB)	$\geq$ 70(1kHz)
	Distortion and Noise(dB)	$\leq$ -60(1kHz)
	Channel Separation(dB)	$\geq$ 70(1kHz)
Video Characteristics	Horizontal Definition(TV line)	$\geq$ 250
	TV System	AUTO/NTSC/PAL
	Video Out Vp-p(V)	1.0 $\pm$ 0.2
	Output Impedance( $\Omega$ )	75 $\Omega$
General	Power Requirements	90-250V~,50/60Hz
	Power Consumption	$\leq$ 25W
	Dimensions	496(L) X 416(W) X 152(H)
	Weight	5kg