

Multi-Format Karaoke Player

CAVS

205G USB

USER MANUAL

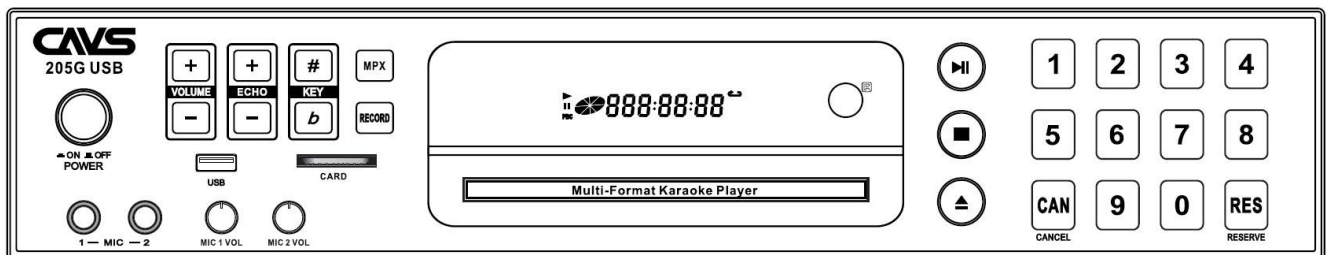


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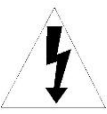

Safety Warnings

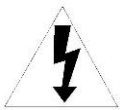
CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APRARAT
PRODUCTO LASER CLASE1

CLASS 1 LASER PRODUCT

This player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL		



This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.



This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Precautions

- Ensure that the POWER supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (7.5~10cm). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the Player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.
- During thunderstorms, disconnect POWER main plug from the wall outlet. Voltage peaks due to lighting could damage the unit.
- Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and malfunction of the unit.
- Protect the player from moisture (e.g. vases), and excess heat (e.g. fire place) or equipment creating strong magnetic or electric fields (e.g. speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use. Use of this product is for personal use only. Condensation may occur if your player or disc have been stored in cold temperatures. If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.

- **Handling discs**

Do not touch the playback (bottom) side of the disc.
Hold the disc by the edges so that fingerprints will not get on the surface
Do not stick paper or tape on the disc.
Do not drop or scratch the disc



- **Storing discs**

After playing, store the disc in its case.
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.



- **Cleaning discs**

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.
Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.



- **Handling the Unit**

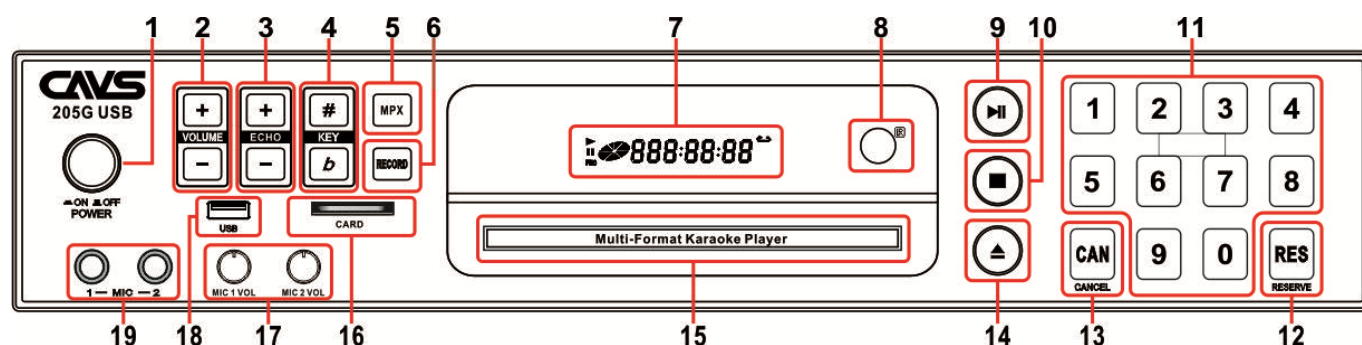
When setting up the unit, the picture and sound of a nearby TV, or radio may be distorted during playback. In this case, position the unit away from the TV or radio.

- **Cleaning the unit**

To clean the unit, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

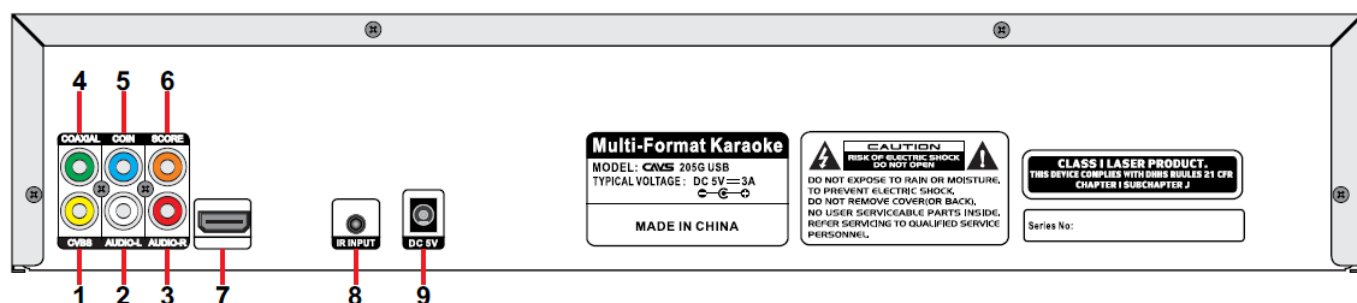
Description

Front Panel



1. POWER SWITCH: Turn On/Off the Power
2. VOLUME -/+: Adjust the Audio Volume
3. ECHO -/+: Adjust Echo Level
4. KEY b/#: Adjust Key Level
5. MPX (MULTIPLEX): Vocal On/Off for multiplex track.
6. RECORD: Record singing
7. LED DISPLAY
8. IR SENSOR
9. PLAY/PAUSE: Play or Pause a track
10. STOP: Stop playback
11. NUMBER (0-9): Input song or track number
12. RESERVE: Program song or track number
13. CANCEL: Delete wrong letter or number input
14. OPEN/ CLOSE: Open/Close the Disc Tray
15. DISC TRAY
16. CARD INPUT
17. MICROPHONE 1 & 2 VOLUME: Adjust the volume of Microphone 1 & 2
18. USB INPUT
19. MICROPHONE 1 & 2 INPUT

Rear Panel

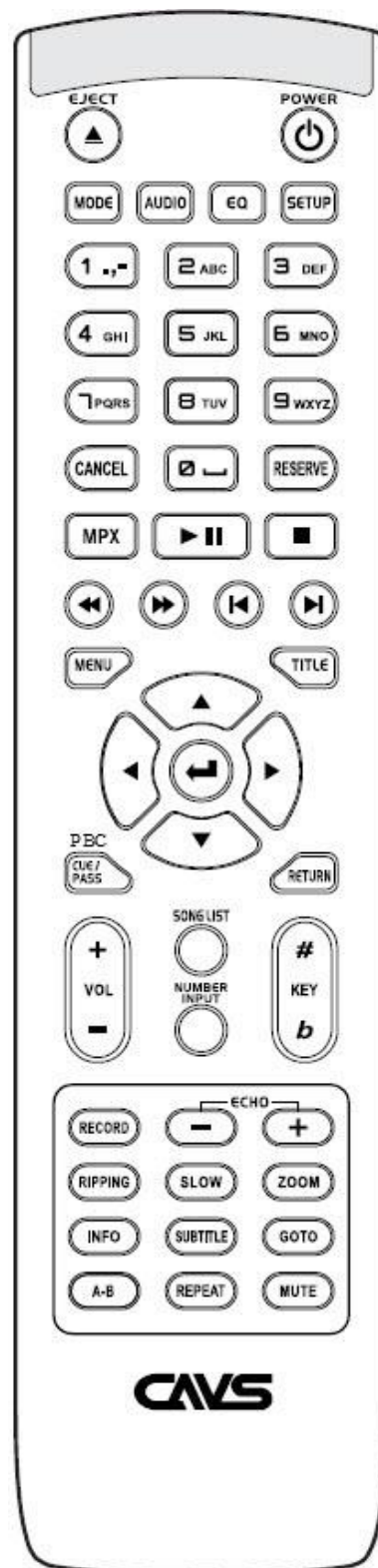


1. COMPOSITE (CVBS) VIDEO OUT
2. AUDIO LEFT OUT
3. AUDIO RIGHT OUT
4. COAXIAL OUT
5. COIN: For use with a Coin machine, connect a cable from Coin machine to this port.
6. SCORE: When microphones are connected to an external amplifier, connect a cable between MIC OUTPUT port on the amplifier and SCORE port of the player to generate Score after singing.
7. HDMI VIDEO AUDIO OUT
8. IR EXTENTION: To extend the IR reception performance, connect an extra IR Sensor to this port.
9. DC 5V ADAPTER INPUT

Description

Remote Controller

BUTTONS	FUNCTION
□ POWER	Turn On/Off the Power
□ EJECT	Open/Close the Disc Tray
MODE	Switch between DISC, USB or CARD mode
AUDIO	Select different audio layer of Disc or AVI files
EQ	Change EQ settings for Audio
SETUP	Enter/Exit Setup Mode
NUMBER(0-9)	-Input Song or Track Numbers at Number Input mode -Input Letter of Title or Singer Name on the SONG LIST
CANCEL	Cancel the wrong number or letter input
RESERVE	Reserve Song or Track in the Program List
MPX	Vocal On/Off for multiplex files
▶	Play a file or track, Pause the playback
■	Stop playback
□	Fast reverse at 2X, 4X, 8X, 20X, Normal Speed.
□	Fast forward at 2X, 4X, 8X, 20X, Normal Speed.
□	Skip to the Previous Song or Track
□	Skip to the Next Song or Track
MENU	-Create the song list of SCDG or MP3G files to USB or CARD as SONGLIST.TXT file -Move to the disc menu mode
TITLE	Enter the TITLE mode of Disc
PBC CUE/PASS	-Playback Control for Video CD -Jump to the beginning of the Video
RETURN	Return to the previous step on the file list
◀▶▲▼	Navigate between files or folders
↶	Play a file or track
VOL -/+	Music Volume -/+ Control
KEY b /#	Key b/ # Control
SONG LIST	Open/Close the Song Search Menu
NUMBER INPUT	Song Number Input mode to input number.
RECORD	Record your singing with SCD+G, MP3+G or CD+G into USB or CARD. The recorded file is saved in MP3+G format.
ECHO -/+	Echo -/+ Control
RIPPING	Rip any CD+G or MP3+G Disc to USB or CARD. The ripped file is stored at MP3+G format



Description

Remote Controller

BUTTONS	FUNCTION
SLOW	Play in slow forward/ reverse motion
ZOOM	Enlarge a particular area of the displayed image at 2X, 3X, 4X, 1/2, 1/3, 1/4, OFF
INFO	Display the playback time and disc information
SUBTITLE	Select different subtitle language
GOTO	Jump to a chosen time position of Disc or file.
A-B	Repeat from A position to B position
REPEAT	Repeat a chapter, track, title or entire Disc
MUTE	Disable and Enable the sound output

Remote Control Operation Range

Point the remote controller at the remote sensor and press the buttons.

The remote control can be used up to approximately 23feet/7meters in a straight line.

It can also be operated at a horizontal angle of up to 25° from the remote control sensor.

Battery of Remote Controller

Insert Two AAA size batteries with + and – aligned correctly.

Extension of IR Input

To extend the Remote Signal Reception Performance, connect an External IR Sensor to the **IR INPUT** Jack of the Player.

<※ CAUTION>

Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

Do not expose batteries to heat or flame.

Connections

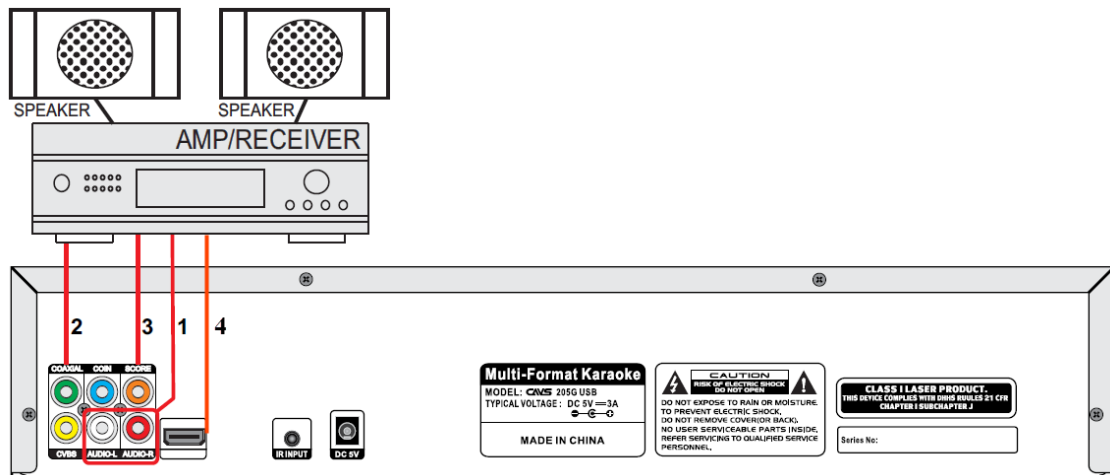
Connecting your System to the Power Supply

1. Plug the AC lead of the Power Adapter to a wall outlet and the DC lead to the player
2. Press the POWER button on the front of the player to turn it on.
3. The present product can be used under the AC 100~240V~. 50/60Hz

<NOTE>

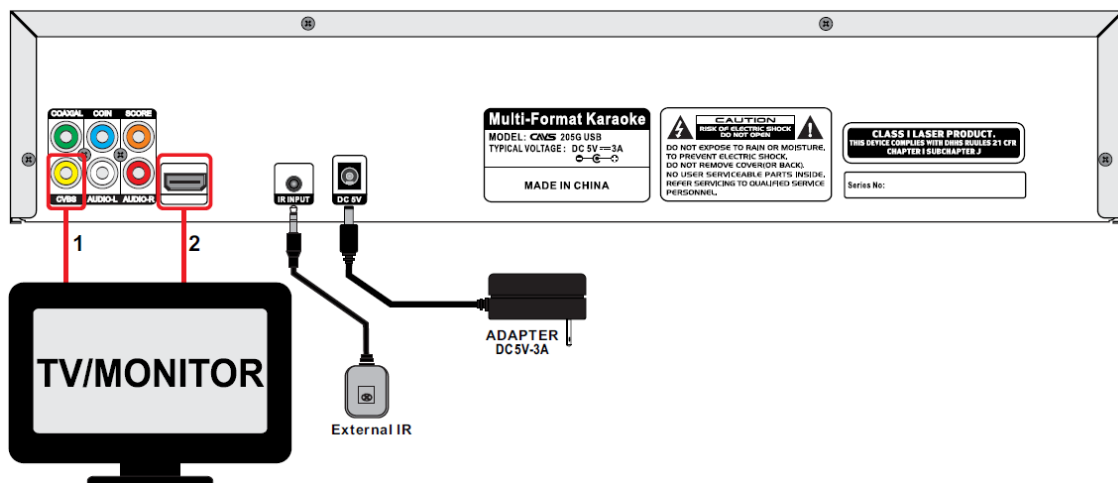
- Check the voltage of the wall outlet before plugging in.

Connecting the Audio Out to Amplifier



1. Connect **Audio L/R** to the amplifier. When the player is connected with microphone, the audio output contains both the music and singing for Karaoke.
2. Connect **Coaxial (Digital)** to the amplifier. The audio output does not contain the microphone singing.
3. **SCORE INPUT**: When microphone is connected to the amplifier, connect a cable between MIC OUTPUT of the amplifier and **SCORE** of the Player to generate the Score after singing.
4. For digital amplifier, connect **HDMI** to the amplifier. When the player is connected with microphone, the audio output contains both the music and singing for Karaoke.

Connecting the Video Out to TV/Monitor



1. Connect **Composite** to the TV/Monitor.
2. Connect **HDMI** to the TV/Monitor. The output contains both video and audio from the Player. When the Player is connected to microphone, the audio output contains both the music and singing for Karaoke.

Connections

Connecting with a COIN MACHINE

- ✓ If you want to use a Coin Machine with this Player, connect a cable between the Coin Machine and **COIN** port of this player.

Connecting with a Flash Drive or Card











- ✓ Connect a Flash Drive or Card to its slot on the player.
- ✓ Do not connect both Flash Drive and Card at any time.
- ✓ If there are no Disc in the Disc tray, the player will read the Flash Drive or Card automatically.
- ✓ If there is a Disc in the Disc tray, press “**MODE**” button to select the Flash Drive or Card.
- ✓ Use the ◀▶ ▲ ▼ buttons to select the file and press “**ENTER** or **PLAY**” button to start playback.

< NOTE >

- ✓ **Supported file:** Super CD+G (SCDG), MP3+G, AVI, MPG and JPG
- ✓ **Supported System:** FAT32 only. ※NTFS is not supported.
- ✓ **Supported Capacity:** External HDD up to 2TB, CARD up to 256GB.
- ✓ Each folder in the HDD, Flash Drive, or Card can hold up to 32767 song files. Use multiple folders when storing more than 32767 song files.
- ✓ Be sure the External HDD has its own power cord and is turned on for proper operation.
- ✓ External HDD must be turned on before connecting to the player, and must be disconnected from the player before turning off the player.
- ✓ Some High Resolution Video files may not play properly.
- ✓ Some External HDDs or Cards may not play properly.
- ✓ Do not take out the Flash Drive or Card during playback.

Basic Operation

Basic Operation

 POWER	Press POWER to turn On or Off the Power.
 EJECT	Press EJECT to open and close the disc tray.
NUMERIC(0~9)	<p>Press NUMERIC (0-9) buttons to select a file/track number to play.</p> <p>NOTE: When playing CD or CD+G disc, press 05 to select the track 5, or press 5 and wait for the -5 OSD (On Screen Display) to change to 05. Pressing the Play button before the change will result in playing the disc from the track 1.</p> <p>NOTE: When playing a Video CD (VCD), press the Play button for Menu before selecting a song or track. For track 5, press 05 or 5 and wait for the -5 OSD to change to 05. Pressing the Play button before the change will result in playing the disc from the track 1.</p> <p>NOTE: When playing a DVD, press the MENU button for Menu before selecting a song or track. For track 5, press 05 or 5 and wait for the -5 OSD to change to 05. Pressing the Play button before the change will result in playing the disc from the track 1.</p>
RESERVE	<p>Press RESERVE to enter the PROGRAM LIST and input the desired chapter/track/file number and press PLAY button to start playback in programmed order.</p> <p>In case of VCD, it works at PBC off mode. In case of MP3, it works in a single folder only.</p> <p>NOTE: To program Track 3, 5, 7 in order, press RESERVE, 3, ▼, 5, ▼, 7, ▼, and PLAY. To clear the PROGRAM LIST, click CLEAR button, or OPEN and CLOSE the disc tray.</p>
CANCEL	<p>Press CANCEL to clear the wrong number input.</p> <p>NOTE: For CD or CD+G disc playing, press STOP to clear the wrong number input. The CANCEL button clears the number input when in Reserve or playing SCDG or MP3+G disc.</p>
 (PLAY/PAUSE)	Press  once to play the file/track desired and press  again to pause the playback. To return to playback, press  again.
 (STOP)	<p>Press STOP to end the playback.</p> <p>On DISC, you can resume the playback by pressing the PLAY.</p> <p>Press the STOP twice to stop the playback completely.</p>
 / 	Press  (PREVIOUS) or  (NEXT) to skip to the previous or next track or file.
 / 	<p>Press  /  to change the playback speed;</p> <ul style="list-style-type: none"> ✓  (Fast Reverse): 2X, 4X, 8X, 20X, Normal Play. ✓  (Fast Forward): 2X, 4X, 8X, 20X, Normal Play. <p>Note:  /  buttons works only when playing video files or discs.</p>
	Press  buttons to navigate the files/folders
 ENTER	Press  to play or confirm the desired selection.
VOLUME +/-	Press ' VOL + ' to raise the sound volume. Press ' VOL - ' to lower the sound volume.
MODE	<p>Press MODE to select between DISC, FLASH DRIVE and CARD.</p> <ul style="list-style-type: none"> ✓ Connect the CARD or FLASH DRIVE to the Player. ✓ Press MODE to switch from DISC to FLASH DRIVE or CARD. ✓ Use     buttons to select a file and press  to play. ✓ Press MODE to switch back to DISC mode. <p>NOTE: The unit will not work if 2 devices (FLASH DRIVE and CARD) are inserted into the player at the same time.</p> <p>If there is no disc in the player, the device mode will automatically switch to FLASH DRIVE or CARD that is inserted.</p>
AUDIO	Press AUDIO to select a different audio channel or language of video files or discs.
EQ (EQUALIZER)	Press EQ button and select between SRND/EQ/BAND/KEY options. For EQ, select between STANDARD/CLASSIC/ROCK/JAZZ/POP or adjust manually by selecting USER .
MPX (MULTIPLEX)	<p>Press MPX to select between the Left, Right and Stereo channel of a multiplex vocal track.</p> <ul style="list-style-type: none"> ✓ MONO L: Playing Left channel sound only ✓ MONO R: Playing Right channel sound only ✓ STEREO: Playing Left and Right channel sound
PBC CUE/PASS	<p>Press PBC to turn off/on the Playback Control mode in VCD discs.</p> <p>Press CUE/PASS to jump to the beginning of the Movie discs</p>

Basic Operation

Basic Operation

RETURN	Press RETURN to return to the Menu or previous step.
MENU	Press MENU button to go to the DISC MENU in video discs. Press ▲▼◀▶ buttons or NUMBER (0~9) buttons to select an option and press ↵ to confirm. NOTE: The DISC MENU will be different for each disc.
TITLE	Press TITLE to view the title of the currently playing section in a disc containing multiple titles. NOTE: Depending on discs, this feature may not be available.
SLOW	Press SLOW to lower the playback speed (1/2→1/4→1/8→PLAY) in video discs or files NOTE: There is no audio during the slow playback.
ZOOM	Press ZOOM button to enlarge the displayed image during the playback or pause mode (2X → 3X → 4X → 1/2→1/3→1/4→OFF). Use ▲▼◀▶ buttons to move in the enlarged area. NOTE: Depending on discs, this feature may not be available.
INFO	Press INFO for the display of the playback time and the Disc information on the TV screen.
SUBTITLE	Press SUBTITLE to select a different subtitle language. Depending on the disc, different language options for subtitle will be available.
GOTO (TIME SEARCH)	Press GOTO button and select a chapter or input a time with NUMBER (0~9) buttons. Press ENTER to begin play from the chapter or time.
A-B	Press A-B once at point (A) where you wish to begin the repeat. Press A-B again at point (B) where you wish to end the repeat. Then the player will repeat playback between A and B. Press A-B the third time to turn off A-B repeat mode. You can also press STOP to cancel the A-B repeat mode.
REPEAT	Press REPEAT during playback to change the Repeat Mode between OFF/REP 1/REP ALL (or OFF/CHAPTER/TITLE/REP ALL).
MUTE	Press MUTE to disable/enable the audio output.
SETUP	Press SETUP to enter/exit the setup mode.



Karaoke Operation

Karaoke Operation

MICROPHONE SETTING	Connect Microphones to MIC 1 and MIC 2 Input jacks on the Front Panel. Adjust Microphone Volume with MIC 1 and MIC 2 VOLUME Knobs on the Front Panel. Adjust ECHO Level of Microphones with ECHO +/- buttons on the Remote Controller.
VOLUME +/-	Adjust AUDIO VOLUME with VOL +/- buttons on the remote control.
KEY +/- Control	Press KEY +/- buttons on the Remote Control to raise or lower the KEY Level of the music.
NUMBER (0~9)	Use NUMERIC (0~9) buttons to enter a Song Number.
SONG SEARCH (SCDG, MP3+G)	<p>SEARCH SONGS WITH SONG LIST BY TITLE or ARTIST</p> <ol style="list-style-type: none"> ① Press SONG LIST button to display the song list of the SCDG or MP3+G files. ② Press TITLE button to switch the Song List by TITLE or by ARTIST ③ Input LETTER of the TITLE or ARTIST with NUMBER (2~9) buttons. The matching result will appear on the TV screen. Press CANCEL to delete the Wrong Letter input. ④ Press PLAY or ENTER to start playback of selected song. Press STOP to stop playback. <p>INPUT SONG NUMBER</p> <ol style="list-style-type: none"> ① Press NUMBER INPUT button to enter the Song Number Input Mode ② Input desired song number with NUMBER (0~9) buttons. The matching result will be displayed on the TV Screen. Press CANCEL to delete the Wrong Number Input. ③ Press ENTER or PLAY to start playback of selected song. Press STOP to stop playback.
PROGRAM PLAYBACK (SCDG, MP3+G)	<p>You can reserve up to 16 songs on the PROGRAM LIST</p> <ol style="list-style-type: none"> ① Select a song using the SONG LIST or NUMBER INPUT mode. ② Press RESERVE button to program the song in the PROGRAM LIST. ③ Repeat the steps above to program more songs. That is, go to SONG LIST or NUMBER INPUT, select a song, and press RESERVE button to program the song. ④ When done programming songs, press the PLAY button in the PROGRAM LIST to start playback in programmed order. ⑤ To move a programed song to the top of the queue, select the song in the PROGRAM LIST and press ↶ button. ⑥ To cancel a programmed song, select the song in the PROGRAM LIST and press CANCEL button. ⑦ To terminate the program playback, press RESERVE and press CLEAR, or open and close the Disc tray.
MPX (MULTIPLEX)	<p>Press MPX button to cancel the Lead Vocal sound in Multiplex tracks or files.</p> <ul style="list-style-type: none"> ✓ MONO L: Play Left channel sound only ✓ MONO R: Play Right channel sound only ✓ STEREO: Play Left and Right channel sound
RECORDING OF SINGING (SCDG, MP3+G)	<p>You can record your singing, music & lyrics into Flash Drive/CARD in MP3+G format when playing SCDG and MP3+G discs.</p> <ol style="list-style-type: none"> ① Insert a Flash Drive/CARD and microphone to the Player. ② After selecting a song, press RECORD button to start recording into Flash Drove/Card. ③ Your singing, music, and the lyrics display of SCDG/MP3+G file or disc will be recorded in RECORD folder in the Flash Drive/Card at MP3+G format. ④ To stop recording, press STOP. ⑤ After the recording, press MODE button to find the RECORD folder in the Flash Drive/Card and re-play the recorded files.

Karaoke Operation

Karaoke Operation

SCDG Disc Copying	<p>SCDG Discs can be copied onto a Flash Drive/CARD using a PC/ Laptop.</p> <ol style="list-style-type: none"> ① Insert a Flash Drive/CARD into the PC/laptop. ② Insert a SCDG Disc into the DVD Disc drive of the PC/laptop. Be sure the Flash Drive/CARD has sufficient memory space to copy the SCDG disc which can be approximately 5GB when single sided and 8GB when double sided. ① Copy the folder CAVS_MCG located inside the SCDG disc onto the Flash Drive/CARD. Be sure to copy the entire folder CAVS_MCG. ② When done, rename the copied CAVS_MCG folder so that it can be identified with the original SCDG disc, such as using a name "CB516V5". ③ You can continue to copy other SCDG discs onto the Flash Drive/CARD if the space allows. Be sure to rename the CAVS_MCG folder differently to prevent overwriting. ④ Take out the Flash Drive/CARD and insert it into the Player. ⑤ Press MODE to select the Flash Drive/CARD. ⑥ Enter the folders to play the matching SCDG.
MP3+G Disc Copying	<p>MP3+G Discs can be copied with high speed (8X) into FLASH DRIVE/CARD directly without PC/Laptop.</p> <ol style="list-style-type: none"> ① Connect a Flash Drive/CARD to the Player and Insert a MP3+G Disc to the player. ② Highlight a MP3+G file in the SONG LIST and press RIPPING button. ③ When "Do you want to copy it to USB/CARD?" appears, select ONE or ENTIRE to start copying the Disc, or select Cancel to cancel the copying. <ul style="list-style-type: none"> ✓ ONE: Copy the selected song only ✓ ENTIRE: Copy from the selected file to the last file in the folder ④ Copied files are saved at DISC TO MP3G folder in FLASH DRIVE/CARD. ⑤ Repeat the above steps to continue copying more MP3+G songs. ⑥ When done, press MODE button to enter the DISC TO MP3G folder in FLASH DRIVE/CARD and re-play the copied files.
CD+G Disc Ripping	<p>CD+G Discs can be ripped with High Speed (4X) into FLASH DRIVE/CARD directly without PC/Laptop.</p> <ol style="list-style-type: none"> ① Connect a Flash Drive/CARD to the Player and Insert a CD+G Disc into the player. ② Press RIPPRING button and follow the screen menu to set the OPTIONS and TRACKS. ③ Select START and press  to begin Ripping. ④ During the Ripping, you can change the Ripping speed between 1X and 4X. ⑤ When done, select QUIT and press  to exit the Ripping mode. ⑥ The Ripped songs will be saved in CDG TO MP3G folder in the Flash Drive/CARD at MP3+G format with following file names. <div style="display: flex; align-items: flex-start; margin-top: 10px;"> <div style="flex: 1;"> <p>TRKAAA01 TRKAAA02 TRKAAA10 etc.</p> </div> <div style="border: 1px solid black; padding: 5px; flex: 1; margin-left: 10px;"> <p>AAA indicates the Disc ID. 01, 02...etc indicate the Track numbers.</p> </div> </div> <ol style="list-style-type: none"> ⑦ To continue with more CD+G Discs, repeat the step ① to ⑦. ⑧ When done, press MODE button to enter CDG TO MP3G folder in the Flash Drive/CARD and play the ripped files.

Karaoke Operation


Karaoke Operation

SONG LIST CREATING (SCDG/MP3+G)	<p>You can create the song list of SCDG/MP3+G discs or SCDG/MP3+G Flash Drive/CARD. The resulting SONG LIST.TXT file will be saved in a Flash Drive/CARD.</p> <ol style="list-style-type: none"> ① Insert the SCDG/MP3+G Disc or the SCDG/MP3+G Flash Drive/CARD to the player. If it is a disc, connect a Flash Drive/Card to the player. ② Press SONG LIST button to display all SCDG/MP3+G Songs on the Screen. ③ Press MENU button to create the list of all SCDG/MP3+G files ④ The resulting SONG LIST.TXT file will be saved at the ROOT of the Flash Drive/CARD. ⑤ Print the SONG LIST.TXT file for paper songbooks.
REPEAT	<p>Press REPEAT to change the repeat mode of programmed song by ONE, ALL and OFF.</p> <ul style="list-style-type: none"> ✓ ONE: Repeat the currently playing song. ✓ ALL: Repeat all songs continuously. ✓ OFF: Repeat Off
EQ (Equalizer)	<p>Press EQ button and select an option (SRND, EQ, BAND, and KEY) using ◀▶ buttons. For each category, use ▲▼ buttons to select a setting. For EQ, select the USER setting to adjust manually.</p>



Setup

System Setup

Press **SETUP** to enter SYSTEM SETUP. Press **SETUP** again to exit.

TV System	Switch between different TV systems (NTSC, PAL60, PAL and AUTO). *If not known, select AUTO.
SCREEN SAVER	Turn the screen saver ON or OFF.
HD OUTPUT	If the TV is HD, select the corresponding HD resolution (HD OFF / 720P / 1080i / 1080P). If the TV is not a HDTV but the output is set at 720P or 1080P, the image will not be of good quality. In this case, reset the output to the regular TV image (HD OFF).
VIDEO	Select a Video Output according to your connection setup. Both Composite (CVBS) and HDMI outputs are enabled by default.
TV TYPE	For a normal TV, select 4:3PS (Pan and Scan) or 4:3(Letter Box). For a wide-screen TV, select 16:9.
PASSWORD	Input 4 numbers and press  to setup your own password. When you set up a password, the player will ask you to enter the password to change the some system settings such as RATING. Please store your password safely as we are not able to retrieve it. The default password is 0000.
RATING	When changing the Rating, you need to enter your password to unlock the SYSTEM SETUP. Rating level is base on the information of the discs. All discs with Rating levels below the selected Rating will play. <ul style="list-style-type: none"> ➤ 1 KID SAFE: It will play all discs. ➤ 2 G: General Audience; recommended as acceptable for viewers of all ages. ➤ 3 PG: Parental Guidance suggested. ➤ 4 PG13: Material is unsuitable for children under age 13. ➤ 5-6 PG-R: Parental Guidance - Restricted; recommended that parents restrict children under 17 from viewing or allow to view only when supervised by a parent or adult guardian. ➤ 7 NC-17: No children under age 17; not recommended viewing for children under age 17. ➤ 8 ADULT: Mature material; should be viewed only by adults due to graphic sexual material, violence or language.
DEFAULT	Change back to factory setting.

Language Setup

Press **SETUP** to enter SYSTEM SETUP. Use   buttons to select LANGUAGE SETUP. Factory default for all settings is English.

OSD LANGUAGE	Select a language of the Screen.
AUDIO LANG	Select a language of the Audio.
SUBTITLE LANG	Select a language of the Subtitle.
MENU LANG	Select a language of the Menu.

Setup

Audio Setup

Press **SETUP** to enter SYSTEM SETUP. Use ◀▶ buttons to select AUDIO SETUP.

AUDIO OUT	Select an Audio Output according to the audio connection. To cancel COAXIAL connection, use SPDIF/OFF. ➤ SPDIF/OFF : Analog audio output through the jacks on back panel (Audio L, Audio R). ➤ SPDIF/RAW : Digital audio output through the Coaxial/HD Audio Output. ➤ SPDIF/PCM : PCM Digital audio output through the Coaxial/HD Audio Output.
HD AUDIO	AUTO : Digital audio output through the HD Audio output. PCM : PCM Digital audio output through the HD Audio output.
SCORE	AUTO : Display score after singing with microphone (s). OFF : Turn off the display of score.
COIN	OFF : Turn Off the Coin mode ON : Turn On the Coin mode.
KEY	Change the Key of music (-6, -4, -2, 0, 2, 4, 6)
ECHO	Change the Echo Level of microphone sound output (OFF/2/4/6/8).
MIC VOL	Change the Volume of microphone sound output (OFF/2/4/6/8).

Video Setup

Press **SETUP** to enter SYSTEM SETUP. Use ◀▶ buttons to select VIDEO SETUP.

BRIGHTNESS	Set the brightness of the video from range 0-12.
CONTRAST	Set the contrast of the video from range 0-12
HUE	Set the hue of the video. +color to increase red color, -color to increase green color.
SATURATION	Set the degree of the saturation of the video.
SHARPNESS	Set the degree of the sharpness of the video.

Speaker Setup

Press **SETUP** to enter SYSTEM SETUP. Use ◀▶ buttons to select SPEAKER SETUP.

DOWNMIX	Switch the audio output between LT/RT Mono, STEREO, VSS and OFF mode. In LT/RT Mono Mode, two sound tracks will be mixed and the difference between these two tracks will be enhanced. In VSS mode, two sound tracks will be mixed and the difference between these two tracks will be decreased.
FRONT	Change the font between LARGE and SMALL.

Setup

Digital Setup

Press **SETUP** to enter SYSTEM SETUP. Use ◀▶ buttons to select DIGITAL SETUP.

OP MODE	Switch between Line Out (encode signal) and RF REMOD (raw signal)
DYNAMIC RANGE	Set the scale of dynamic range between OFF, 1/8, 2/8. ...7/8, 1.
DUAL MONO	Set the Dual Mono modes from STEREO, MONO L, MONO R and MIX MONO. <ul style="list-style-type: none">➤ STEREO: The proper channel output through both right and left speakers.➤ MONO L: the left side channel output through both right and left speakers➤ MONO R: the right side channel output through both right and left speakers.➤ MIX-MONO: the mixed two channel output through both right and left speakers.

Trouble Shooting

	Symptom	Remedy
COMMON	No power	Insert the Power plug securely into the power outlet and press “Power” button on the front panel.
	Play fails to start even when PLAY button is pressed. Play starts but then stops immediately	Condensation has formed: wait about 1 to 2 hours to allow the player to dry out. The disc may be dirty and may require cleaning. Ensure that the disc is inserted with the label side up.
	No Picture	Ensure that the video equipment is connected properly. Ensure that the input setting for the video equipment is set properly.
	No sound Distorted sound	Ensure that the audio equipment is connected properly. Ensure that the input setting for the audio equipment is set properly.
	Picture is distorted during fast forward or fast reverse.	The picture will be somewhat distorted at times: this is normal.
	Picture freezes momentarily during playback	Check the disc for fingerprints/scratches and clean with a soft cloth wiping from centre to edge.
	No fast forward or fast reverse play.	Some discs may have section which prohibit fast forward or fast reverse.
	No 4:3 (16:9) picture	Choose a correct setup for the connected video equipment.
	No operations can be performed with the remote control.	Check that the batteries are inserted with correct polarities (+/-). The batteries are depleted: replace them with new ones. Point the remote control unit at the remote control sensor and operate. Operate the remote control unit at a distance of not more than 23 feet/7 meters from the remote control sensor. Remove the obstacles between the remote control unit and remote control sensor.
	No key operation (by the unit and/or the remote control) is effective.	Set the POWER button to OFF and then back to ON. Alternatively, turn off the power, disconnect the power plug and then re-connect it.
OTHERS	On-Screen Menu icons not displayed or only partially displayed on the TV Screen.	Select the appropriate TV Screen type by consulting the operating manual for the TV.
	The player is not working normally.	When “NO DISC” message appears on the display of the main unit, enter the SETUP mode, select DEFAULT, and all settings will return to the default values. Press the POWER button to reboot the player
	Play does not start even when title is selected.	Confirm the ‘RATING’ setting.
	Audio soundtrack and/or subtitle language is not the one selected at the initial settings.	If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be in effect.
	No subtitles	Subtitles appear only with discs which contain them. Subtitles are removed from the TV monitor. Perform the steps to display the subtitles.
	Alternative audio soundtrack (or subtitle) languages fail to be selected.	An alternative language is not selected with discs which do not contain more than one language. In the case of some discs, the alternative language cannot be selected by operating the AUDIO or SUBTITLE button. Try selecting it from the menu if available.
	Unable to play AVI movies	Check that the AVI file is encoded correctly.
	Microphone does not work.	Check if the microphone is switched ON. Check the microphone volume of the Player and the Amplifier. Check if the microphone is defective. If so, replace it.
	When using the microphone, the speaker makes a noise.	Keep the microphone away from the speaker. Do not place it toward the speaker.
	Scoring has no function	Connect the microphone to the player correctly. Sing each song with enough voice output level for over 1 minute.
	Unable to recognize the Flash Drive/CARD	Take out the Flash Drive/CARD and re-connect to the player. Check if the cable is plugged in correctly. Check that the External HDD has its own power input. The external HDD must be connected to its own power supply for proper operation.

Specification

Supported Format	<ul style="list-style-type: none"> • Super CD+G, MP3+G, CD+G, AVI, MPG and JPG • Supported Video Resolution: 720 * 480p
TV System	<ul style="list-style-type: none"> • PAL/NTSC/Multi System
Video Output	<ul style="list-style-type: none"> • Composite, HDMI VIDEO AUDIO Output • Progressive Scan up to 720P, 1080i, 1080P
Audio Output	<ul style="list-style-type: none"> • AUDIO L/R Out (For Karaoke) • HDMI VIDEO AUDIO Out (For Karaoke) • COAXIAL Out
Input	<ul style="list-style-type: none"> • Microphone Input: 2EA • Flash Drive: 1EA, Ver2.0 • Card Input: 1EA
Others	<ul style="list-style-type: none"> • Power source: DC 5V Adapter (AC 100-240V~ 50/60Hz) • Power consumption: <15W