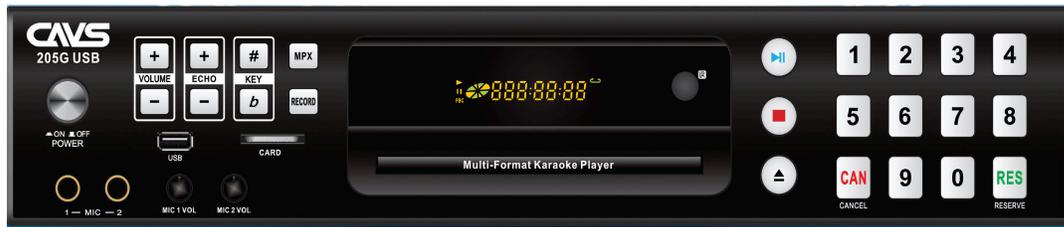# CAVS 205G USB Karaoke Player



# 0. Introduction

**CAVS 205G USB Karaoke Player**

Simple to Play - Input a song number and press play using the front panel or remote control.

Simple to Setup - To setup, you can connect the 205G USB player to a TV using a single HDMI cable for all of the video, audio, and microphone outputs. The player's internal digital mixer combines all three outputs into one. Additionally, the player features RCA connectors for traditional Audio Video outputs.

Simple to Manage - Load up to 64,000 songs on a single USB flash drive or SD card, or up to 500,000 songs on a 2 TB hard drive. Use the MCG Manager freeware to add songs effortlessly, and play each song instantly without delays.

# 1. Features

- Play CD+G, Super CD+G, CD, VCD, and DVD discs
- Play MP3+G, Super CD+G, AVI, and MP4 digital files
- Play from compact discs, USB flash drive, and SD Cards
- HDMI connection for all combined video, audio, and microphone outputs
- RCA connections for traditional AV Stereo outputs
- Extract Super CD+G and CD+G discs
- Record Super CD+G and CD+G karaoke singing with lyricd video
- Volume control, Pitch control, Echo control
- Score, Bill Acceptor, Coaxial digital output

# 2. Accessories

1. Remote contoller

2. Super CD+G disc with 200 Golden songs



3. Microphone



4. Rackmount ears


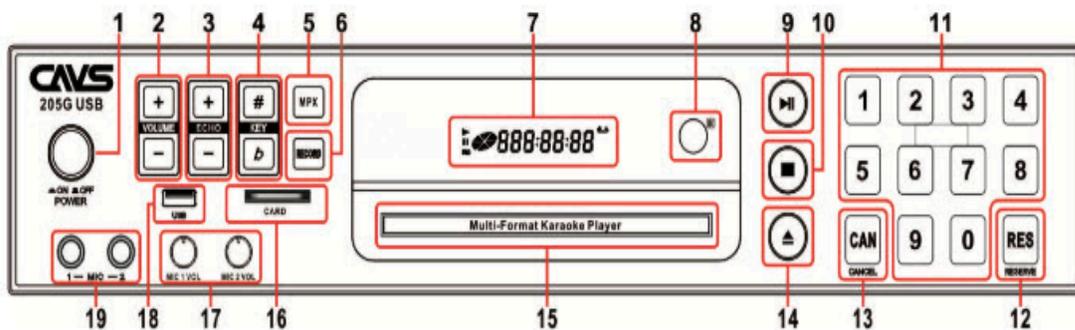
5. RCA AV cable



6. HDMI cable



# 3. Description

This section describes the assigned functions for each button and indicator on the CAVS 205G USB, Remote controller, Network router, and QR codes. It is meant to serve you as reference section for your reading of "4. How to operate".

1. CAVS 205G USB karaoke player

## 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

2. 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<br>-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<br>-Move to the disc menu mode |
| TITLE | Enter the TITLE mode of Disc |
| PBC CUE/PASS | -Playback Control for Video CD<br>-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 |
| 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 |
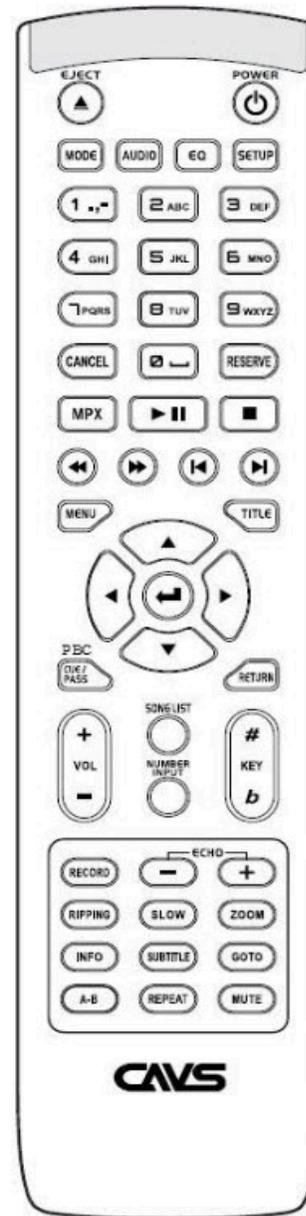
## Remote Control Operation Range
Point the remote controller at the remote sensor and press the buttons.
The remote control can be used up to approximately 23feet/7meters in a straight line.
It can also be operated at a horizontal angle of up to 25° from the remote control sensor.

## Battery of Remote Controller
Insert Two AAA size batteries with + and – aligned correctly.
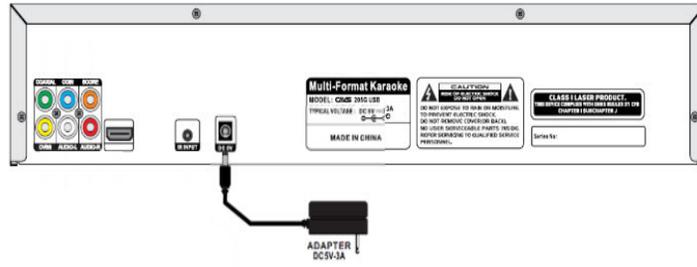
## Extension of IR Input

# 4. How to setup

## 4.1 Setup

To setup the CAVS 205G USB karaoke player,

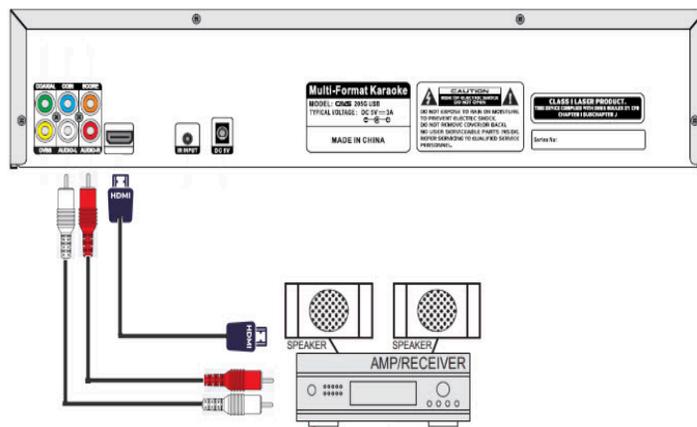- Connect 9.DV 5V INPUT on the back panel to a wall outlet using an enclosed AC adapter.



- Connect 7.HDMI OUT or 1.COMPOSITE VIDEO OUT on the back panel to a TV.
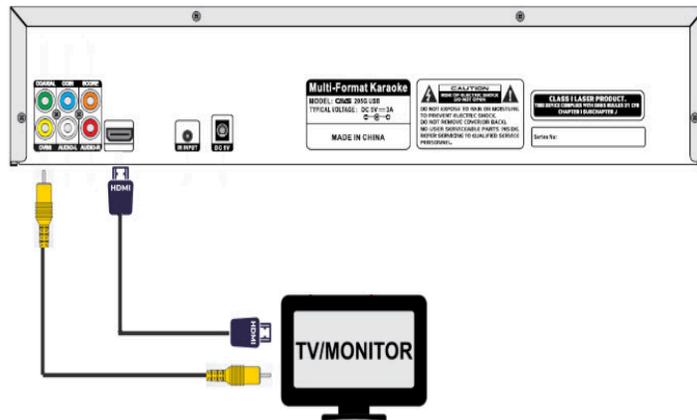


- Connect 7.HDMI OUT on the back panel to a digital amplifier
  or
  Connect 2.AUDIO LEFT OUT and 3.AUDIO RIGHT OUT on the back panel to a stereo sound system.



- Turn on the CAVS 205G USB player by pressing the 1.POWER SWTICH.

## 4.2 Loading songs

The CAVS 205G USB karaoke player offers versatile playback options, supporting songs from compact discs, USB flash drives, and SD cards.

To load songs onto these media, the MCG Manager, developed under US and international patents, provides efficient processing. Here's what you can expect:

- Up to 175 songs per 700 MB compact disc
- Up to 1,750 songs per double 7GB sided DVD disc
- Up to 32,000 songs per 128G USB flash drive
- Up to 32,000 songs per 128G SD card
- Up to 500,000 songs per 2TB USB hard drive.

The process adheres to the data limitations of the FAT32 file format. Instructions on how to load songs using the MCG Manager program can be found in the following resources:

- User Manual for MCG Manger
  at https://cavsusa.com/data/mcgmanager/mcg_manager_manual/sub/userManual.htm#4.
- How to use MCG Manager program to load songs
  at https://www.youtube.com/watch?v=qvwPmirPpE4.
- How to format an external device to FAT32
  at https://www.youtube.com/watch?v=91XszauEEfY.
- How to keep the old song numbers when making an external device with the MCG Manager program
  at https://www.youtube.com/watch?v=OWOhZMKiZ8k.
- How to add more songs to an external device
  at https://www.youtube.com/watch?v=KRejf7qJ5RA.
- How to encode a Super CD+G disc
  at https://cavsusa.com/data/mcgmanager/mcg_manager_manual/sub/userManual.htm#6-1.

These resources provide comprehensive guidance on utilizing the MCG Manager program for song loading and management.

After loading the songs, insert the disc, the USB flash drive, or the SD card into the CAVS 205G USB player.
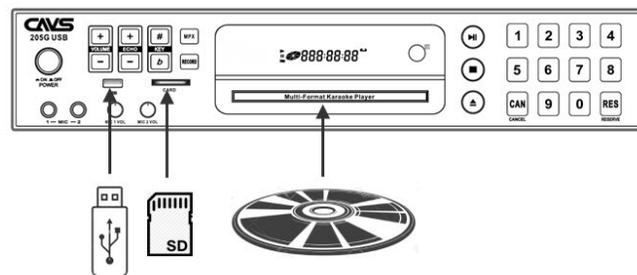


The following screen will appear on the TV showing that the songs are ready to play.



# 5. How to operate using the Front Panel and the Remote Control

The CAVS 205G USB karaoke player is an upgrade from the regualr CAVS 205G USB karaoke player with the addition of a built-in network server. This upgrade enables the phones and tablets to operate the players in selecting and playing songs.

Operating the CAVS 205G USB with either the front panel or the remote control remains unchanged from operating the regular CAVS 205G USB player. This section provides detailed descriptions of the features.

## 5.1 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) | Press **NUMERIC** (0-9) buttons to select a file/track number to play.<br>**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.<br>**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.<br>**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. |
| RESERVE | **For 205G USB or 205G Plus players sold or released before December 11 2024, go to www.cavsusa.com/205g > Program Upgrade and upgrade the firmware to version 20241211 or higher:**<br><br>Press a song number and press **RESERVE** to reserve the song. Repeat to press a song number and press **RESERVE** to reserve up to 16 songs.<br>Press a song number and press **CANCEL** to un-reserve the song. Press **CANCEL** to un-reserve the last reserved songs. Repeat to press **CANCEL** to clear all reserved songs.<br>Press **RESERVE** to open **PROGRAM LIST** to see the list of reserved songs. Press **RESERVE** again to close the **PROGRAM LIST**.<br>NOTE:PROGRAM LIST only open when there is no song playing.<br>When a song in play finishes (not when a song is stopped), the reserved songs will start playing automatically. When there is no song playing, press **RESERVE** to open the **PROGRAM LIST** and press Play to begin playing the reserved songs.<br><br>**For 205G USB player or 205G Plus players not upgraded with the firmware version 20241211 or higher:**<br><br>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.<br>In case of VCD, it works at PBC off mode. In case of MP3, it works in a single folder only.<br>**NOTE:** To program Track 3, 5, 7 in order, press **RESERVE, 3, ▼, 5, ▼, 7, ▼**, and **PLAY**.<br>To clear the **PROGRAM LIST**, click **CLEAR** button, or **OPEN** and **CLOSE** the disc tray. |
| CANCEL | Press **CANCEL** to clear the wrong number input.<br>**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. |
| ▶ ‖<br>(PLAY/PAUSE) | Press ▶ ‖ once to play the file/track desired and press ▶ ‖ again to pause the playback. To return to playback, press ▶ ‖ again. |
| ■ (STOP) | Press **STOP** to end the playback.<br>On DISC, you can resume the playback by pressing the **PLAY**.<br>Press the **STOP** twice to stop the playback completely. |
| ¦◀/ ▶¦ | Press ¦◀( **PREVIOUS** ) or ▶¦( **NEXT**) to skip the song, track or file forward or reverse. |
| ◀◀/▶▶ | Press ◀◀ / ▶▶ to change the playback speed;<br>✓ ◀◀ (Fast Reverse): 2X, 4X, 8X, 20X, Normal Play.<br>✓ ▶▶ (Fast Forward): 2X, 4X, 8X, 20X, Normal Play.<br>Note: ◀◀ / ▶▶ buttons works only when playing video files or discs. |
| ▲▼◀▶ | 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 | Press **MODE** to select between DISC, FLASH DRIVE and CARD.<br>✓ Connect the CARD or FLASH DRIVE to the Player.<br>✓ Press **MODE** to switch from DISC to FLASH DRIVE or CARD.<br><br>✓ Use ◀ ▶ ▼ ▲ buttons to select a file and press ↵ to play.<br>✓ Press **MODE** to switch back to DISC mode.<br><br>**NOTE:** The unit will not work if 2 devices (FLASH DIRVE and CARD) are inserted into the player at the same time.<br>If there is no disc in the player, the device mode will automatically switch to FLASH DRIVE or CARD that is inserted. |
| AUDIO | Press **AUDIO** to select a different audio channel or language of video files or discs. |
| EQ<br>(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<br>(MULTIPLEX) | Press **MPX** to select between the Left, Right and Stereo channel of a multiplex vocal track.<br>✓ **MONO L:** Playing Left channel sound only<br>✓ **MONO R:** Playing Right channel sound only<br>✓ **STEREO:** Playing Left and Right channel sound |
| PBC<br>CUE/PASS | Press **PBC** to turn off/on the Playback Control mode in VCD discs. Press **CUE/PASS** to jump to the beginning of the Movie discs |
| 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. |

## 5.2 Karaoke Operation

| | |
|---|---|
| **MICROPHONE SETTING** | Connect **Microphones** to **MIC 1** and **MIC 2 Input** jacks on the Front Panel.<br>Adjust **Microphone Volume** with **MIC 1** and **MIC 2 VOLUME** Knobs on the Front Panel.<br>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 **NUMBERIC (0~9)** buttons to enter a Song Number. |
| **SONG SEARCH (SCDG, MP3+G)** | **SEARCH SONGS WITH SONG LIST BY TITLE or ARTIST**<br>① Press **SONG LIST** button to display the song list of the SCDG or MP3+G files.<br>② Press **TITLE** button to switch the Song List **by TITLE** or **by ARTIST**<br>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.<br>④ Press **PLAY** or **ENTER** to start playback of selected song. Press **STOP** to stop playback.<br><br>**INPUT SONG NUMBER**<br>① Press **NUMBER INPUT** button to enter the Song Number Input Mode<br>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.<br>③ Press **ENTER** or **PLAY** to start playback of selected song. Press **STOP** to stop playback. |
| **PROGRAM PLAYBACK (SCDG, MP3+G)** | You can reserve up to 16 songs on the PROGRAM LIST<br>① Select a song using the **SONG LIST** or **NUMBER INPUT** mode.<br>② Press **RESERVE** button to program the song in the PROGRAM LIST.<br>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.<br>④ When done programming songs, press the **PLAY** button in the PROGRAM LIST to start playback in programed order.<br>⑤ To move a programed song to the top of the queue, select the song in the PROGRAM LIST and press ↵ button.<br>⑥ To cancel a programmed song, select the song in the PROGRAM LIST and press **CANCEL** button.<br>⑦ To terminate the program playback, press **RESERVE** and press **CLEAR,** or open and close the Disc tray. |
| **MPX (MULTIPLEX)** | Press **MPX** button to cancel the Lead Vocal sound in Multiplex tracks or files.<br>✓ **MONO L:** Play Left channel sound only<br>✓ **MONO R:** Play Right channel sound only<br>✓ **STEREO:** Play Left and Right channel sound |
| **RECORDING OF SINGING (SCDG, MP3+G)** | You can record your singing, music & lyrics into Flash Drive/CARD in MP3+G format when playing SCDG and MP3+G discs.<br>① Insert a Flash Drive/CARD and microphone to the Player.<br>② After selecting a song, press **RECORD** button to start recording into Flash Drove/Card.<br>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.<br>④ To stop recording, press **STOP**.<br>⑤ After the recording, press **MODE** button to find the RECORD folder in the Flash Drive/Card and re-play the recorded files. |
| **SCDG Disc Copying** | SCDG Discs can be copied onto a Flash Drive/CARD using a PC/ Laptop.<br>① Insert a Flash Drive/CARD into the PC/laptop.<br>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.<br>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.<br>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".<br>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.<br>④ Take out the Flash Drive/CARD and insert it into the Player.<br>⑤ Press **MODE** to select the Flash Drive/CARD.<br>⑥ Enter the folders to play the matching SCDG. |
| **MP3+G Disc Copying** | MP3+G Discs can be copied with high speed (8X) into FLASH DRIVE/CARD directly without PC/Laptop.<br><br>① Connect a Flash Drive/CARD to the Player and Insert a MP3+G Disc to the player.<br>② Highlight a MP3+G file in the **SONG LIST** and press **RIPPING** button.<br>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.<br>   ✓ **ONE**: Copy the selected song only<br>   ✓ **ENTIRE**: Copy from the selected file to the last file in the folder<br>④ Copied files are saved at DISC TO MP3G folder in FLASH DRIVE/CARD.<br>⑤ Repeat the above steps to continue copying more MP3+G songs.<br>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** | CD+G Discs can be ripped with High Speed (4X) into FLASH DRIVE/CARD directly without PC/Laptop. |

| | |
|---|---|
| | ① Connect a Flash Drive/CARD to the Player and Insert a CD+G Disc into the player. <br> ② Press **RIPPRING** button and follow the screen menu to set the OPTIONS and TRACKS. <br> ③ Select START and press ↵ to begin Ripping. <br> ④ During the Ripping, you can change the Ripping speed between 1X and 4X. <br> ⑤ When done, select QUIT and press ↵ to exit the Ripping mode. <br> 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. <br><br> TRKAAA01 <br> TRKAAA02 <br> ..... <br> TRKAAA10 <br> etc. <br><br> AAA indicates the Disc ID. <br> 01, 02...etc indicate the Track numbers. <br><br> ⑦ To continue with more CD+G Discs, repeat the step ① to ⑦. <br> ⑧ When done, press **MODE** button to enter CDG TO MP3G folder in the Flash Drive/CARD and play the ripped files. |
| **SONG LIST CREATING (SCDG/MP3+G)** | 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. <br> 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. <br> ② Press **SONG LIST** button to display all SCDG/MP3+G Songs on the Screen. <br> ③ Press **MENU** button to create the list of all SCDG/MP3+G files <br> ④ The resulting SONG LIST.TXT file will be saved at the ROOT of the Flash Drive/CARD. <br> ⑤ Print the SONG LIST.TXT file for paper songbooks. |
| **REPEAT** | Press **REPEAT** to change the repeat mode of programmed song by **ONE, ALL** and **OFF**. <br> ✓ ONE: Repeat the currently playing song. <br> ✓ ALL: Repeat all songs continuously. <br> ✓ OFF: Repeat Off |
| **EQ (Equalizer)** | 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. |

# 6. System 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. <br> ➢ **1 KID SAFE:** It will play all discs. <br> ➢ **2 G:** General Audience; recommended as acceptable for viewers of all ages. <br> ➢ **3 PG:** Parental Guidance suggested. <br> ➢ **4 PG13:** Material is unsuitable for children under age 13. <br> ➢ **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. <br> ➢ **7 NC-17:** No children under age 17; not recommended viewing for children under age 17. <br> ➢ **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 i 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. |

## 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. <br> ➢ **SPDIF/OFF:** Analog audio output through the jacks on back panel (Audio L, Audio R). <br> ➢ **SPDIF/RAW:** Digital audio output through the Coaxial/HD Audio Output. <br> ➢ **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. |

## 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.<br>➢ **STEREO:** The proper channel output through both right and left speakers.<br>➢ **MONO L:** the left side channel output through both right and left speakers<br>➢ **MONO R:** the right side channel output through both right and left speakers.<br>➢ **MIX-MONO:** the mixed two channel output through both right and left speakers. |

# 7. Troubleshooting

| 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. |
| 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 |
| **OTHERS** | |
| 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 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. |

# 8. Specification

| | |
|---|---|
| **Supported Format** | · Super CD+G, MP3+G, CD+G, AVI, MPG and JPG<br>· Supported Video Resolution: 720 * 480p |
| **TV System** | · PAL/NTSC/Multi System |
| **Video Output** | · Composite, HDMI VIDEO AUDIO Output<br>· Progressive Scan up to 720P, 1080i, 1080P |
| **Audio Output** | · AUDIO L/R Out (For Karaoke)<br>· HDMI VIDEO AUDIO Out (For Karaoke)<br>· COAXIAL Out |
| **Input** | · Microphone Input: 2EA<br>· Flash Drive: 1EA, Ver2.0<br>· Card Input: 1EA |
| **Others** | · Power source: DC 5V Adapter (AC 100-240V~ 50/60Hz)<br>· Power consumption: <15W |

**END**