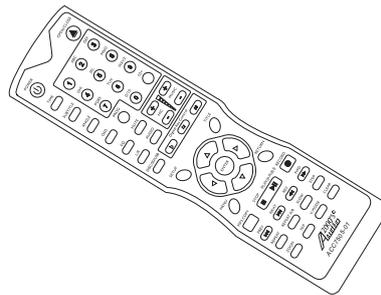




RECORDABLE MP3+G PROF. KARAOKE PLAYER W/HDMI & VGA OUTPUTS

AVC7505 OWNER'S MANUAL



Thank you for purchasing the Audio2000'S® AVC7505 recordable MP3 + G professional karaoke player with HDMI & VGA outputs! For the best results and the utmost satisfaction from your new unit, please read this manual thoroughly, and retain it for future reference. For more information, please visit our website (www.audio2000s.com).

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Safety Instructions

WARNING

- * TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- * THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND THAT NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS.

 <p>This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>Warning: To reduce the risk of electric shock, do not remove cover (or back) no user-serviceable parts inside. Refer servicing to qualified service personnel.</p>	 <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
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IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Safety Instructions

- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Grounding or Polarization This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 16) Ventilation Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 17) The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Class 1 Laser Product

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. PRODUCT COMPLIES WITH DHHS RULE 21 CFR SUBCHAPTER J IN EFFECT AT DATE OF MANUFACTURE.
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.

Class II equipment symbol 
This symbol indicates that the unit has
a double insulation system

Features /Specifications/Package Contents

Features

1. The "REC" button at the front panel records the mixed music and microphone sound to the USB or the SD card.
2. The "COPY" button at the front panel copies from CD or CDG to the USB or the SD card in MP3 or MP3+G format respectively.
3. The "COPY" button at the front panel copies between the USB and the SD card.
4. The built-in USB and SD card readers play VCD, WMA, AVI, MP4, DAT, MPG, and JPG files in USB and SD card.
5. A multi-format player with the direct track access supports DVD, CDG, DVD-R, DVD-RW, VCD, MP4, DIVX, Photo-CD, CD, CD-R, and CD-RW formats.
6. Digital key control and Digital echo control
7. Two microphone inputs (MIC1 and MIC2) with individual volume controls.
8. HDMI, VGA, SCART, Coaxial, S-Video, Optical, Component Video, Composite Video, 5.1 Audio and Mixed Audio outputs.
9. Remote Control.
10. AC 100V-240V and NTSC-PAL compatible for worldwide use.

Specifications

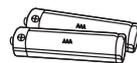
- AC Input Voltage. AC 100V-240V 60Hz/50Hz
- Video Input Sensitivity. 1 V (peak to peak)
- Microphone Input Sensitivity 8 mV
- Video Output Level. 1 V (peak to peak)
- Audio Output Level. 500 mV
- S/N Ratio 90 dB
- Frequency Response. 20Hz-20KHz: +/- 1dB
- Dynamic Range ≥90dB
- Output Characteristic RCA.S-video/video/Y,Pb,Pr/scart output
- Dimension 16.9" x 9.0" x 3.2" (L x W x H)
- Weight 5.5 lbs

Package Contents

Items	Quantities
AVC7505 Unit	(1)
A/V RCA Cable	(1)
Owner's Manual	(1)
Remote Control	(1)
AAA Batteries	(2)
Warranty Card	(1)



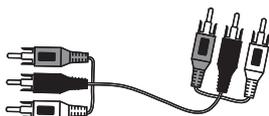
Remote Control (1)



AAA Batteries (2)



AVC7505 Unit(1)



A/V RCA Cable (1)



Owner's Manual (1)



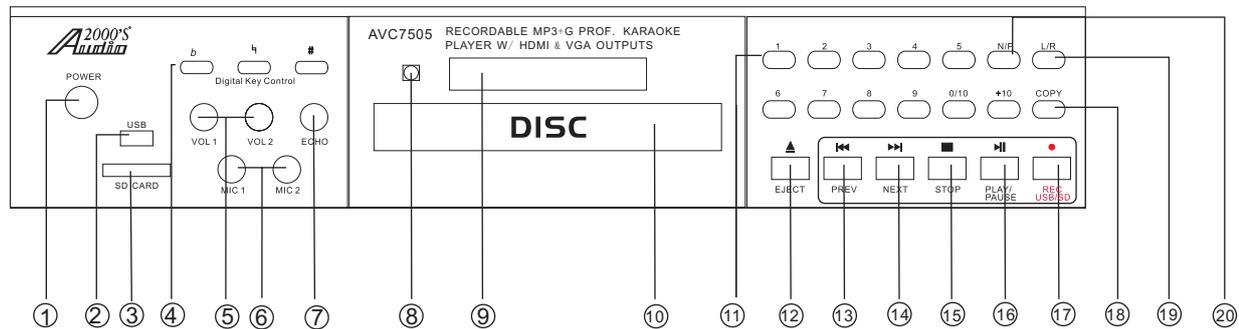
Warranty Card (1)

Note

If you find that any of the items mentioned above are missing from the box, please contact AUDIO2000'S® before proceeding.

Descriptions and Functions

FRONT PANEL

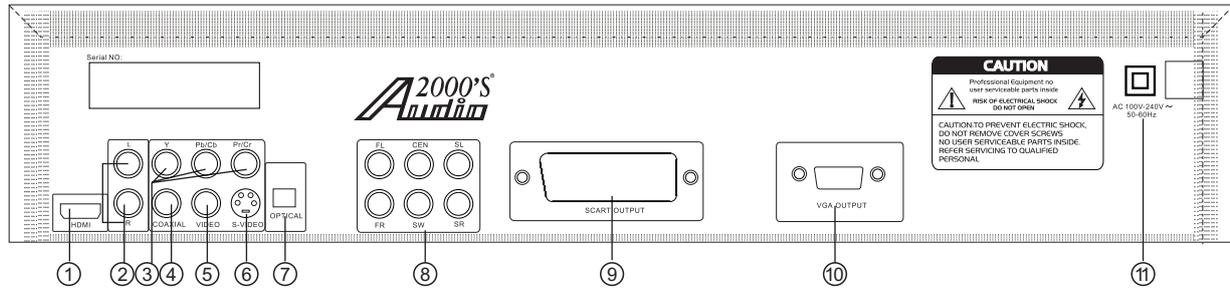


1. **POWER** - Press the button to turn on or off the unit.
2. **USB INPUT** - This USB Input port can be used as a USB player or as a storage device to store the MP3 or MP3+G files created in the REC operations (refer to page 15) or the files created in the COPY MP3 operations (refer to page 15-18).
(Note: This USB Input supports only the USB device in the FAT32 format.)
3. **SD CARD INPUT** - This SD Card Input port can be used as an SD card player or as a storage device to store the MP3 or MP3+G files created in the REC operations (refer to page 15) or the files created in the COPY MP3 operations (refer to page 15-18). (Note: This SD Card Input supports only the SD Card in the FAT32 format.)
4. **DIGITAL KEY CONTROL** - These buttons direct the DIGITAL KEY CONTROLLER to either raise, lower or reset the musical key of audio from the disc player.
 - # - Raises the musical key a quarter-step each time it is pressed.
 - ♯ - Resets the musical key to its original key.
 - b - Lowers the musical key a quarter-step each time it is pressed.
5. **VOL1 & VOL2** - These are the volume control knobs for the MIC1 and MIC2 inputs.
6. **MIC1 & MIC2** - These are the 1/4" microphone input jacks for MIC1 and MIC2.
7. **ECHO** - This control adjusts the level of ECHO applied to the MIC channels. Turn control clockwise to INCREASE and counter-clockwise to DECREASE the level of ECHO.
8. **REMOTE SENSOR** - This sensor receives infrared signals transmitted by the REMOTE CONTROL transmitter.
Note: Obstacles located between the remote control and remote sensor should be avoided as they can prevent signal recognition
9. **DISPLAY PANEL** - This panel displays all graphical information regarding system operations, settings and performance.
10. **DISC TRAY** - Press ▲ to open tray. Press ▲ or ► to close the tray and it will play the disc automatically
11. **DIRECT TRACK ACCESS** - These buttons are used for DIRECT TRACK selection. Use the +10 button for all the tracks higher than 10. For example, press +10 and 6 to go directly to track 16, and press +10, +10, and 3 to go directly to track 23.
Note: When playing DivX files, to skip to the desired track directly using the number buttons, refer to the Direct track access for DivX operations section (page 13) of this manual;
12. **EJECT** - This button is used to OPEN/CLOSE the DISC tray.
13. **PREV** - Press this button to go to the previous track.
14. **NEXT** - Press this button to go to the next track.
15. **STOP** - Stops disc playback in standby mode when pressed once and completely stops disc playback when pressed twice.
16. **PLAY/PAUSE** - Plays a disc that is stopped or paused, pauses a disc that is playing.
17. **REC USB/SD** - Please refer to page 15 for the details.
18. **COPY** - Please refer to page pages 15-18 for the details.

Descriptions and Functions

19. **L/R** - Cycles through the different multiplex CDG output modes for canceling the vocals: MONO-LEFT, MONO-RIGHT, MIX-MONO and STEREO. See the Operations section (page 11) in this manual for detailed instructions on canceling vocals on multiplex CDG discs.
20. **N/P** - Press this button to switch between the PAL and NTSC video modes.

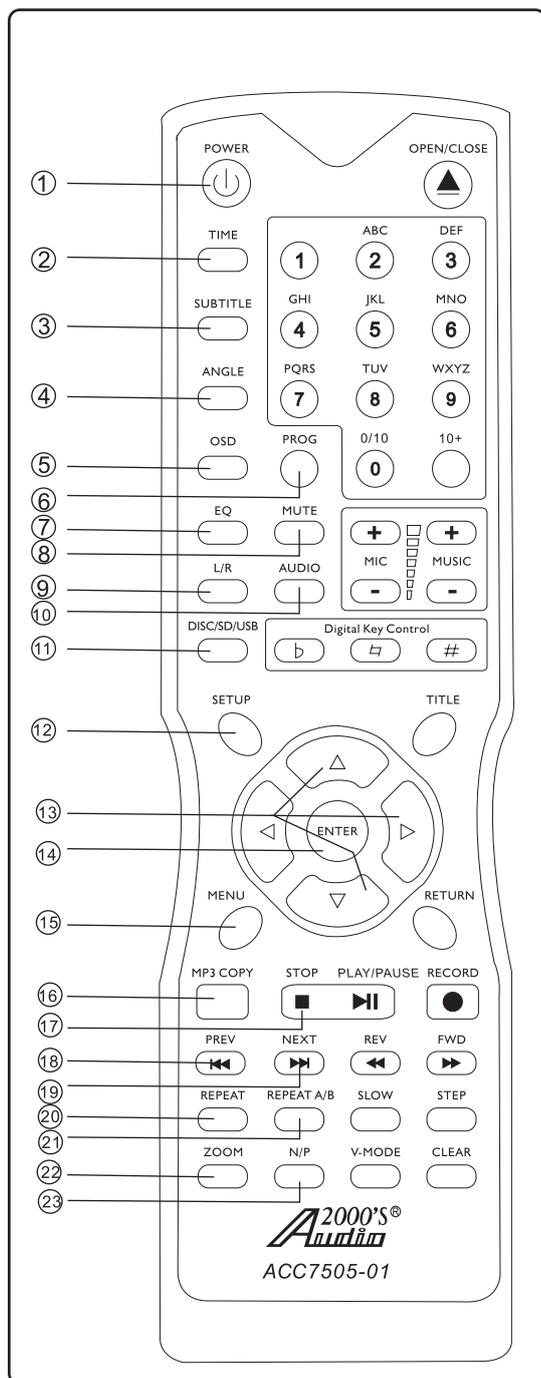
REAR PANEL



1. **HDMI OUTPUT** - This is a digital audio video output, ideal for home-theater and karaoke applications.
2. **L/R OUTPUT**- This is a mixed two-channel audio output, ideal for karaoke applications.
3. **Y, Pb/Eb, Pr/Cr** - These are the Component Video Outputs.
4. **COAXIAL** - This digital output is for connecting devices with a coaxial cable.
5. **VIDEO** - This is an RCA composite video output.
6. **S-VIDEO** - This is an S-Video output.
7. **OPTICAL** - This is an optical audio output. Please change settings in the SETUP menu before using this output.
*The karaoke vocal output does not work while using OPTICAL output.
8. **5.1 CHANNEL AUDIO OUTPUTS**- These are the RCA 5.1 analog outputs. To use 5.1 channel outputs, press 5.1 CH on the remote or change settings in the SETUP menu before using 5.1 channels. Change the settings in the SETUP menu as follows: SETUP > SPEAKER SETUP > DOWN MIX > OFF SUBWOOFER > ON
9. **SCART OUTPUT** - This jack is to be used for connection to the European TV systems.
10. **VGA OUTPUT** - This is a VGA video output.
11. **AC IN TERMINAL** - Connects AC main power cord from the wall outlet to this terminal.

Descriptions and Functions

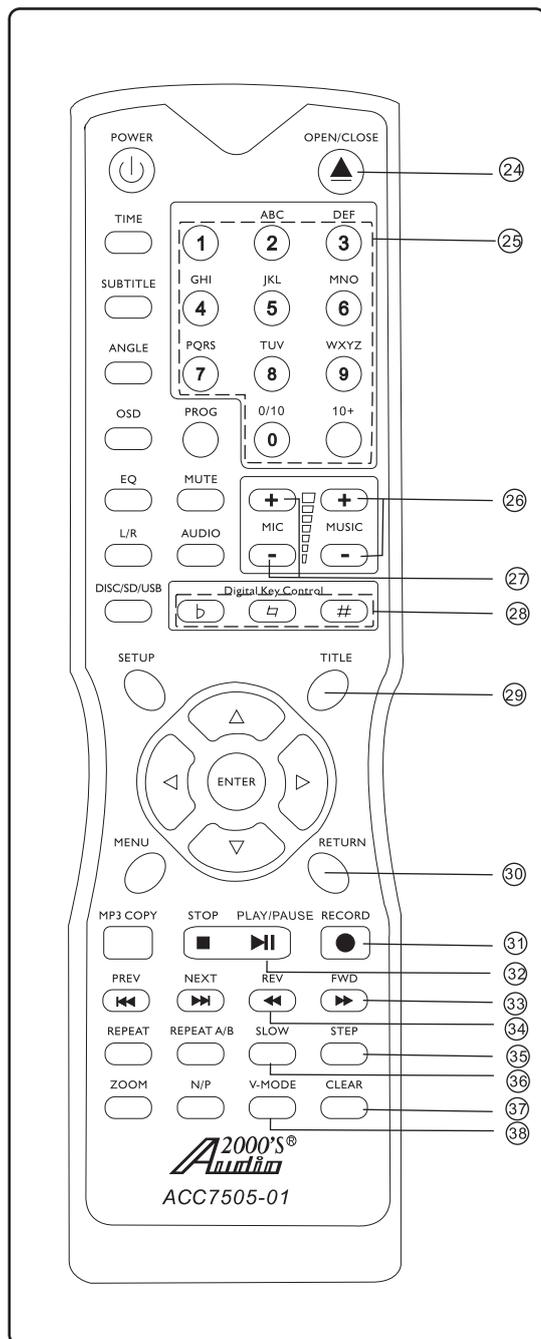
REMOTE CONTROL



1. **POWER** button-Turns the player on or off.
2. **TIME** button-Accesses the Time menu which allows you to jump directly to a specific time on a disc. See the Operations section (page 11) in this manual for detailed instructions on jumping to a specific time on a disc.
3. **SUBTITLE** button-Cycles through caption languages on a disc with multiple caption languages available.
Note: Not all DVDs will have subtitles available.
4. **ANGLE** button-Cycles through the available viewing angles on DVDs with multiple viewing angles available.
Note: Not all DVDs will have multiple viewing angles available.
5. **OSD** button-Cycles through the different on-screen display options. See the operations section (page 12) in this manual for detailed instructions on selecting OSD options.
6. **PROG** button-To program tracks, press STOP then press PROGRAM. Enter your tracks selection and press PROGRAM again to accept. Press the PLAY to start programmed tracks.
7. **EQ** button - Selects from 7 types of equalizers or define your personal one.
8. **MUTE** button - Turns the sound On or Off.
9. **L/R** button- Cycles through the different multiplex CDG output modes for canceling the vocals: MONO-LEFT, MONO-RIGHT, MIX-MONO and STEREO. See the Operations section (page 11) in this manual for detailed instructions on canceling vocals on multiplex CDG discs.
10. **AUDIO** button-Cycles through caption languages on a disc with multiple caption languages available.
11. **DISC/SD/USB** button-Press to change to the SD card mode. Press to change to the USB mode if an USB device is connected.
12. **SETUP** button-Use this button to access the AVC7505's setup page on the video screen. You can navigate between the General Setup Page, Audio Setup Page, Video Setup Page, Preference page and the Password Setup page using the DIRECTIONAL buttons (◀ ▶ △ ▽) on your remote. Select options and make changes using the ENTER button on the remote.
13. **DIRECTIONAL** buttons (◀ ▶ △ ▽) - These buttons allow you to navigate through the DVD menu screens, Setup Pages, and MP3 menus.
14. **ENTER** button- This button is used to make selections in DVD menus and the OSD when an entry is highlighted.
15. **MENU** button - Accesses the main menu on a DVD and other discs with main menus.
16. **MP3 COPY** button - Press this button to copy your CD, CDG, MP3 to the USB/SD Card and start ripping process for ripping a single or multiple files from CDG disc.
17. **STOP** button - Stops disc playback in standby mode when pressed once and completely stops disc playback when pressed twice.
18. **PREV** button – Jumps to the previous track.
19. **NEXT** button – Skips ahead to the next track.
20. **REPEAT** button - Cycles through the available repeat options. Repeat options vary from type of disc so see the operations section (page 11) of this manual for detailed instructions on using the repeat function for every kind of disc.
21. **REPEAT A/B** button - Allows you to set a section on a disc for continuous looping. See the operations section (page 11) in this manual for detailed instructions on using the A-B loop feature.
22. **ZOOM** button - Used to enlarge a section of video or picture currently being viewed
23. **N/P** button-Switches between PAL and NTSC video modes.

Descriptions and Functions

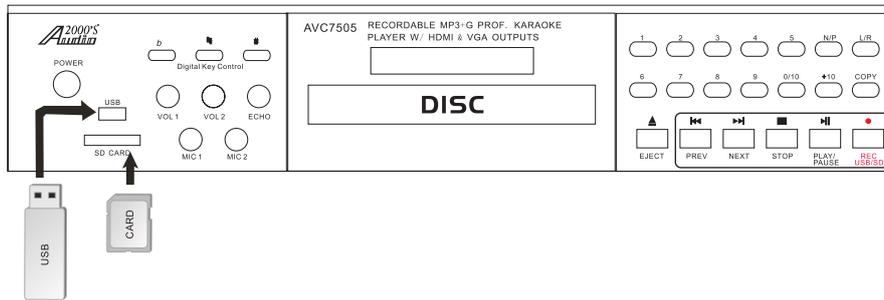
REMOTE CONTROL



24. **OPEN OR CLOSE** button - This button is used to OPEN /CLOSE the DISC tray.
25. **DIRECT TRACK ACCESS** - These buttons are used for DIRECT TRACK selection. Use the +10 button for all the tracks higher than 10. For example, press +10 and 6 to go directly to track 16, and press +10, +10, and 3 to go directly to track 23.
Note: When playing DivX files, to skip to the desired track directly using the number buttons, refer to the Direct track access for DivX operations section (page 13) of this manual;
26. **MUSIC** buttons- To adjust the volume of music audio output.
27. **MIC** buttons- To adjust the volume of microphone output.
28. **DIGITAL KEY CONTROL** - These buttons direct the DIGITAL KEY CONTROLLER
- Raises the musical key a quarter-step each time this button is pressed.
q - Resets the musical key to it's original key.
b - Lowers the musical key a quarter-step each time this button is pressed.
29. **TITLE** button - Accesses the title screen on a DVD.
Note: For use on DVDs with title screens. Some DVDs may not have a title screen.
30. **RETURN** button- Accesses the main menu on a VCD 2.0 disc.
Note: PBC must be turned on and the VCD must be a VCD 2.0 disc.
31. **RECORD** button – Please refer to page 15 for the details.
32. **PLAY/PAUSE** button-Plays a disc that is stopped or paused. Pause a disc that is playing.
33. **FWD** button-Press FWD button to shift the playing location forwards quickly.
34. **REV** button-Press REV button to shift the playing location backwards quickly.
35. **STEP** button-Allows you to view a disc step-by-step, one frame at a time. See the operations section (page11) in this manual for detailed instructions on using the step feature.
36. **SLOW** button-Cycles through the different slow motion options while in DISC mode. See the operations section (page10) in this manual for detailed instructions on using slow motion.
37. **CLEAR** button- Clears any numbers typed into a menu before a selection has been made.
38. **V-MODE** button-This button toggles between the different variants of component video, YUV (US), and S- Video.

DVD Output Connections

USB & SD CARD

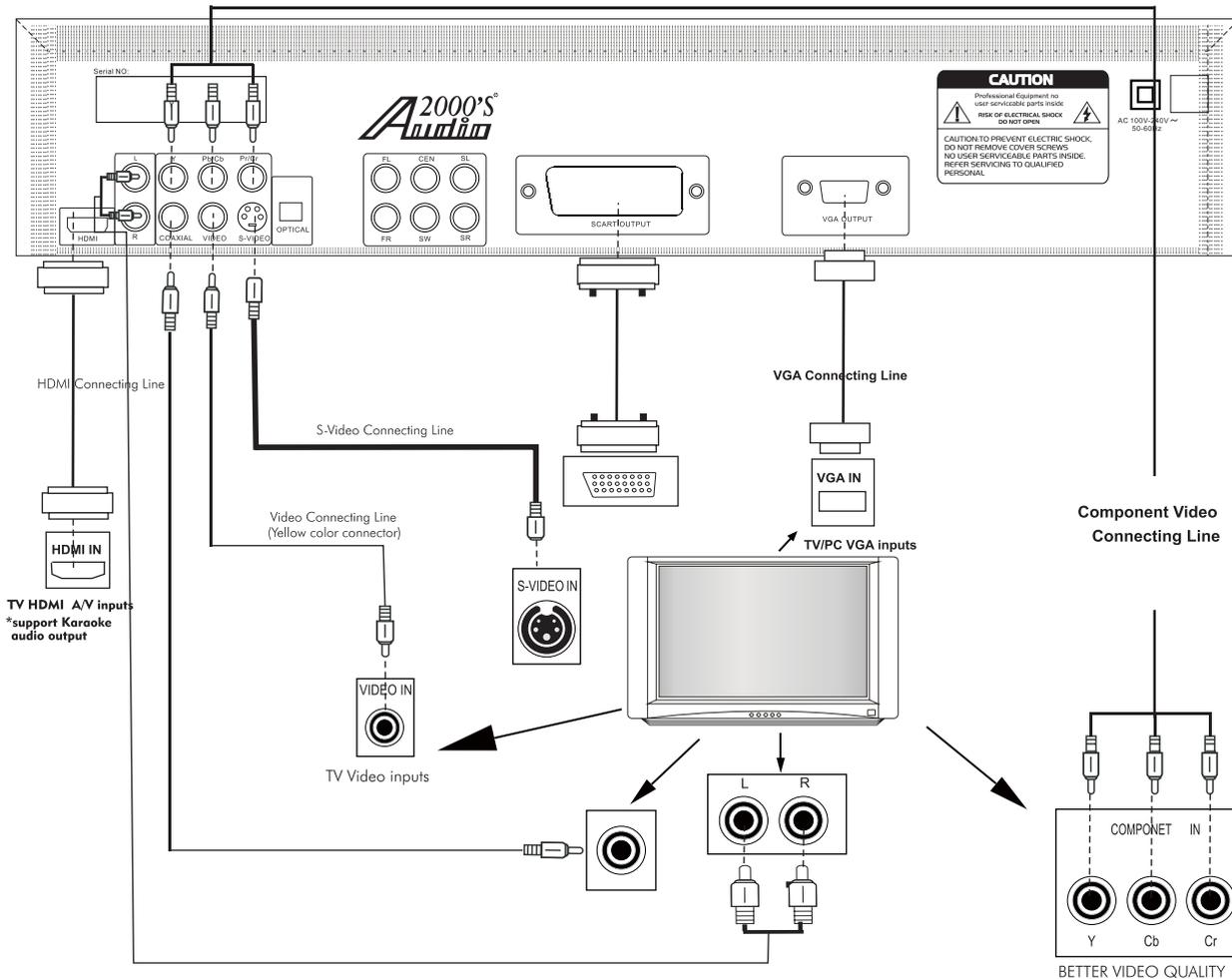


A/V Connection

Make sure all power is disconnected from each component before connecting. Plug all cords securely to prevent unwanted noise.

You cannot connect this player to a TV that does not contain a video input jack. The player must be connected to a TV or amplifier that is connected to a TV or monitor. The TV or amplifier must also contain audio input jacks (left and right channel).

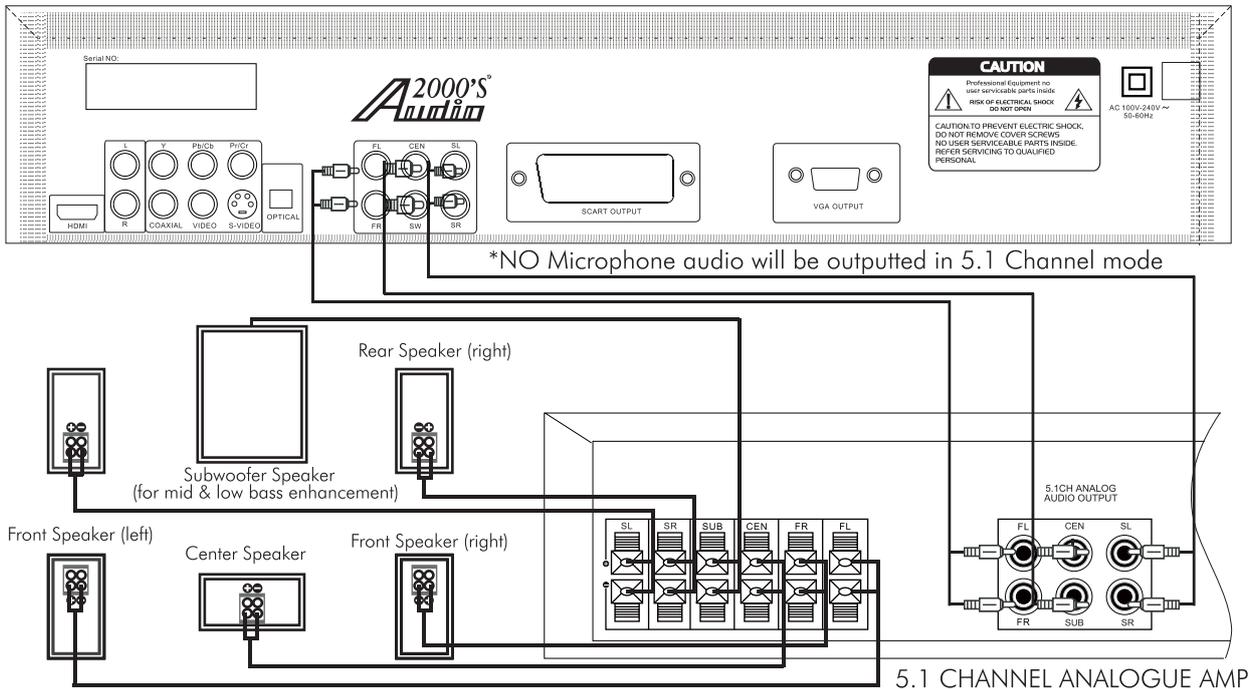
If you wish to use this player in karaoke mode, you must have your player connected as the picture below.



DVD Output Connections

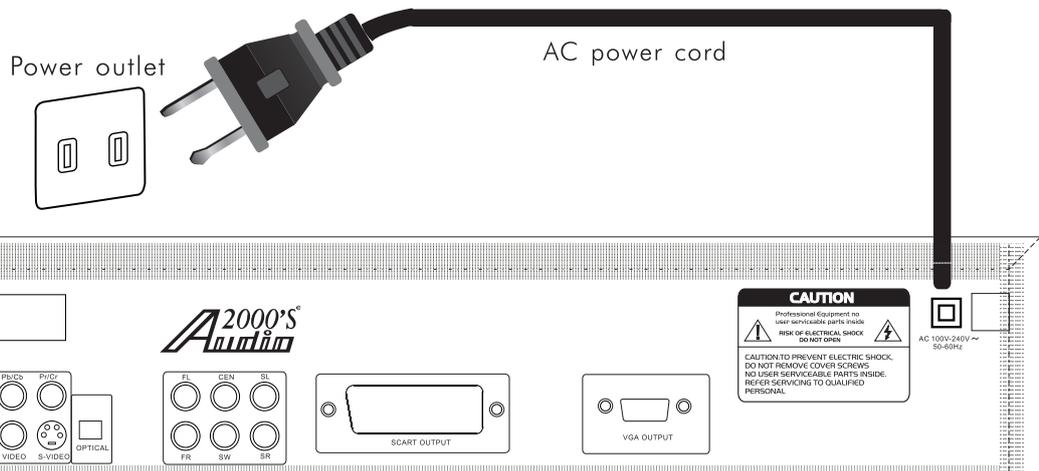
MAKING THE CONNECTION BETWEEN PLAYER WITH 5.1 CHANNEL AMPLIFIERS

You can connect this player with 5.1 channel amplifiers as shown below:



POWER CONNECTION

When you have completed all other connection, plug the power cord into an AC outlet.



Note: AVC7505 Power supply AC 100V-240V 50/60Hz.

Caution: Make sure the voltage of the AC outlet matches the requirement of your karaoke system.

Operations

Access DISC mode by either pressing DVD on the remote control or by pressing the DISC/USB/SD button on the remote control until the display screen says disc.

Loading a disc

1. Press the OPEN/CLOSE button on the remote control or the EJECT button on the front panel of the AVC7505 to open the disc tray
2. Insert a disc
3. Press the OPEN/CLOSE button on the remote control or the EJECT button on the front panel of the AVC7505 to close the disc tray

Playing a disc

1. Load a disc
2. Press PLAY/PAUSE button on the remote control or on the front panel

Stopping a disc

1. Press the STOP button on the remote control or front panel once to enter pause mode
2. Press the STOP button again to completely stop the disc

Pausing a disc

1. Press the PLAY/PAUSE button on the remote control or front panel

Skipping tracks/chapters

1. Use the PREV and NEXT buttons on the remote control or front panel to skip tracks/chapters
2. Press the PREV button to skip to the previous track/chapter
3. Press the NEXT button to skip to the next track/chapter

Searching through a track/chapter

1. Use the B.SCAN and F.SCAN buttons on the remote control to search through tracks/chapters
2. Press the B.SCAN button to search backwards through the current track/chapter
3. Press the F.SCAN button to search forwards through the current track/chapter

Note: It will not work while playing CDG format disc

Subtitles

Some DVDs have subtitles available and some also include multiple languages. If you are using a DVD with subtitles available, simply press the SUBTITLE button on the remote control to cycle through the available subtitles

Viewing multiple angles

Some DVDs have multiple viewing angles available. Press the ANGLE button on the remote control to change the viewing angle and cycle through the available angles.

Slow-motion playback using the SLOW button

Use the SLOW button on the remote control to cycle between 4 slow-forward modes :

- SLOW 1/2 - Forwards at 1/2 the actual time
- SLOW 1/4 - Forwards at 1/4 the actual time
- SLOW 1/8 - Forwards at 1/8 the actual time
- SLOW 1/16 - Forwards at 1/16 the actual time .

Operations

Viewing one frame at a time using the STEP button

1. Press the STEP button on the remote control to enter Step mode
2. Every time the STEP button is pressed, when in Step mode, the movie will advance one frame
3. Press the PLAY button on the remote control or front panel to exit Step mode and return to normal playback

Selecting repeat options

Press the REPEAT button on the remote control to cycle through the available repeat modes:

1. Track - Repeats the current track
2. Chapter - Repeats the current chapter on a DVD
3. Title - Repeats the current title on a DVD
4. All - Repeats the entire disc once it has played through
5. Repeat off - Turns off Repeat.

Creating a loop using the A-B button

The A-B feature allows you to loop a certain part of a disc.

While the disc is playing:

1. Press the A-B button once at the desired starting point for the loop
2. Press it again at the desired ending point for the loop
3. Press it a third time to end the loop and return to normal playback

Note: It will not work while playing CDG format disc

Canceling vocals using the L/R button

Multiplex CDG discs are designed to have vocals on one side and music on the other. The L/R button allows you to play only one of these sides and cancel out the other in order to have music-only or vocals-only. Press the L/R button to cycle through the available settings:

- Mono Left - Left channel only (no vocals)
- Mono Right - Right channel only (no music)
- Mix-Mono - Virtual stereo
- Stereo - Left and Right in true stereo

Note: This feature is only for use with specifically Multiplex formatted CDG discs.

Zooming in and out

The AVC7505 lets you zoom in and out on the video screen.

Press the ZOOM button on the remote control to cycle through the available zoom settings.

Zoom in

- 2X - Zooms in 2X the original size
- 3X - Zooms in 3X the original size
- 4X - Zooms in 4X the original size

Note: when you try to play MPG and JPG file (include the MPG and JPG file on DISC, USB, SD):

1. Press the ZOOM button on the remote control to enter ZOOM mode;
2. Use the F.SCAN and B.SCAN button to control zoom in and zoom out function;

Jumping to specific time on a disc

Press the TIME button on the remote control to cycle through the available jump-to options:
CD/CDG disc

- Disc Go To (CD/CDG only) - Jump to a specific time on the current disc
- Track Go To (CD/CDG only) - Jump to a specific time on the current track
- Select Track (CD/CDG only) - Jump directly to a specific track

Note: It will not work while playing CDG format disc

Example:

Jumping to 1:35 in the current track

1. Press the TIME button until "TRACK GO TO - - | - -" appears on the TV screen
2. Press 0, 1, 3, 5
3. Playback will begin at 1:35 on the current track

DVD disc

Note: Not all discs have multiple titles. A title refers to the different sections including the movie, special features, etc.

- Title / Chapter (DVD only) - Select the title and then jump to a chapter within that title
- Title / Time (DVD only) - Select a title and then jump to a specific time within that title
- Chapter / Time (DVD only) - Select a chapter and then jump to a specific time within that chapter

Operations

Example:

Selecting a Title and Chapter

Jumping to title 2 and chapter 2

1. Press the TIME button until TITLE “ ___ / ___ CHAPTER ___ / ___ ” appears on the top of the TV screen
2. Press 2 on the number pad to select Title 1. Now chapter will be highlighted
3. Press 2 on the number pad to select Chapter 2
4. Playback will begin at that on Title 2 and Chapter 2

Viewing and setting the On Screen Display (OSD)

Press the OSD button on the remote control to cycle through the available OSD viewing options.

CD/CDG discs

- Single Remain - The time remaining on the current track
- Single Elapsed - The time elapsed on the current track
- Total Remain - The time remaining on the entire disc
- Total Elapsed - The time elapsed on the entire disc
- Display Off - Turns the OSD off

DVD discs

- Title Remain - The time remaining on the current title
- Title Elapsed - The time elapsed on the current title
- Chapter Remain - The time remaining on current chapter
- Chapter Elapsed - The time elapsed on the entire chapter

Turning on the last memory function:

1. Press SETUP on the remote control. The General Setup page will show.
2. Use the down arrow button on the remote control to scroll down to Last Memory
3. If Last Memory is set to off, press enter when Last Memory is highlighted and press up so that On is highlighted
4. Press ENTER on the remote control to confirm the selection
5. Press SETUP again on the remote control to close the Setup menu

PROG (Program) Operations

1. CD, CDG and VCD Playback:

- Insert a CD, CD-G, or VCD in the disc tray and press the PROG button to enter the program mode. In the program menu, the track numbers of the songs on a disc can be entered to the program menu in a desired order, up to 20 tracks. The same track on a disc can be entered multiple times. Use the directional buttons (◀ ▶ ▲ ▼) to go to the track location in the program menu to make any correction or delete the track from the program menu by pressing the CLEAR button.



PHOTO (L)

- Upon completing the program menu setup, use the directional buttons (◀ ▶ ▲ ▼) to go to the PLAY indicator in the program menu and press the ENTER button to start the playback according to the track order set up in the program menu. The PROG indicator on the display panel will be on when the programmed playback is in progress. Press the PLAY button on the remote control twice to stop the programmed playback.

Operations

2. DVD Playback

● Insert a DVD in the disc tray and press the PROG button to enter the program mode. The TV monitor display will show the program menu as in Photo L. In the program menu, enter the title number under the column "T" and enter the chapter number under the column "C". Up to 20 songs on a DVD can be entered to the program menu in a desired order. The same song on a DVD can be entered multiple times. Use the directional buttons (◀ ▶ ▲ ▼) to go to the song location in the program menu to make any correction or delete the song from the program menu by pressing the CLEAR button.



PHOTO (K)

● Upon completing the program menu setup, use the directional buttons (◀ ▶ ▲ ▼) to go to the PLAY indicator in the program menu and press the ENTER button to start the playback according to the song order set up in the program menu. When the programmed playback is in progress. Press the PLAY button on the remote control twice to stop the programmed playback.

NOTE: The PROG operations are not applicable to MP3 or MP4 discs.

Operations (MP3 and AVI / DivX)

When playing MP3 and DivX files, the AVC7505 must be connected to a TV in order to see and navigate through the file menu. Use the arrow buttons on the remote control to navigate through the file menu and the ENTER button to select a file to play.

To play a file

1. Use the arrow buttons on the remote control to scroll to the desired file
2. Press ENTER on the remote control to begin playing the file
3. The file will begin playing

or

1. Use the number buttons on the remote control and enter the file number
2. Press ENTER
3. The file will begin playing

Direct track access:

When playing MP3 or AVI/DivX files, to skip to the desired track directly using the number buttons, see the following operations section for detailed instruction:

1. For example: to go directly to track 142 of MP3/AVI/DivX: you would press 1 and 4 and 2, then press ENTER button on remote control for playing your desired track.
2. For example: to go directly to track 36 of MP3/AVI/DivX, you would press 0 and 3 and 6, then press ENTER button on remote control for playing your desired track.

Note: The desired track you selected must be less than the total tracks on the MP3/AVI/DivX;



Operations

Repeat options

There are six repeat options when playing Divx Files. Use the REPEAT button on the remote control to cycle through these repeat options:

- Random - Plays songs randomly from the entire disc
- Single - Playback stops after a single track finishes playing
- Repeat One - Repeats the current song continuously
- Repeat Folder - Repeats the entire folder after it has played through
- Folder - Playback stops after all of the songs in the current folder have played
- Shuffle - Plays songs randomly within the current folder



USB and SD Card Operations (Disc Mode)

USB and SD CARD operations (Disc Mode)

Use the DISC/SD/USB select button on the remote control to directly select the desired DISC MODE, then insert USB and SD CARD to the USB and SD CARD jacks, then begin to load the media sources from USB or SD CARD.

1. Using the USB input

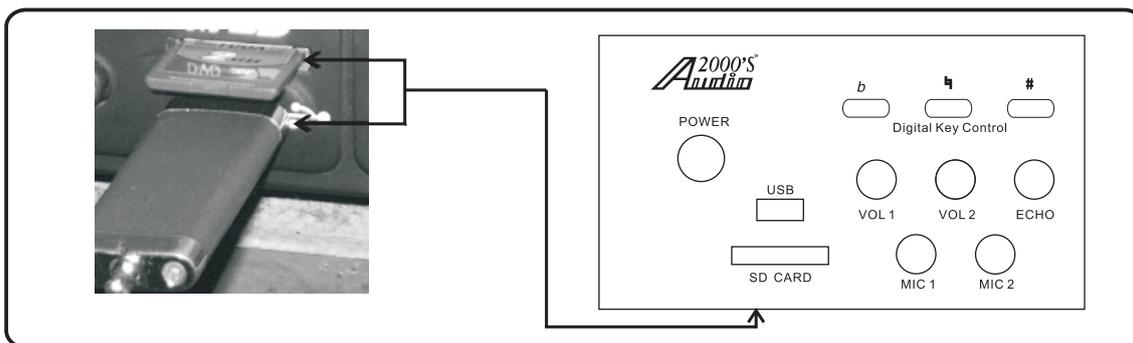
- Plug a USB thumb drive into the USB Input.
- Use the directional buttons to select videos, music, or images. Press the Enter button to play a selected video, music, or image.

Note: The unit will play your VCD, WMA, AVI, MP4, DAT, MPG and JPG files. The different file types must be separated into folders for the unit to read them.

2. Using the SD card slot

- Plug an SD card into the SD memory card slot.
- Use the directional buttons to select videos, music, or images. Press the Enter button to play a selected video, music, or image.

Note: The unit will play your VCD, WMA, AVI, MP4, DAT, MPG and JPG files. The different file types must be separated into folders for the unit to read them.



REC/COPY OPERATIONS

REC OPERATIONS (DISC PLAYER to USB/SD Only)

With a compact disc (in CD, CDG, VCD, MP3, MP4, DIVX, or MP3+G format) in the disc tray, insert a USB device or SD card and press the REC button on the front panel or REC button on the remote control to start recording. Right before the recording process, the AVC7505 will search for the "MP3" folder. A "MP3" folder will be created if it does not exist in the USB device or SD card. The music or song being replayed will be restarted and the recording process will start once the REC button is pressed. During the recording process, the microphone input will be automatically mixed with the replayed music or song from the compact disc and the mixed signal will be recorded to the USB device or SD card in the MP3 format. In the meantime, the recording progress (in percentage, 0-100%) will be displayed on the TV or monitor screen as shown in Fig. A.

The recorded content will be recorded and numbered consecutively in the "MP3" folder. Each recorded content is named with the track number on the disc as shown in Fig. B. If the same track number from the same disc or from another disc is used, the track number will be followed by an underscore sign ("_") and a serial number (01,02,... etc.). For example, if track 5 on one disc is recorded, the recorded content will be named "TRACK05". When another track 5 from another disc or the same disc is recorded, it will be named "TRACK05_01". Next recorded track 5 will be named "TRACK05_02". After the recording is completed, the compact disc player will proceed to replay the next track. Press the DVD button on the remote control to enter the window as shown in Fig. C. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the playback mode to playback the recorded files in the USB device or the SD card. In the playback mode, use the directional buttons (◀ ▶ ▷ ▽) on the remote control to go to the "MP3" folder and press the ENTER button to open the "MP3" folder as shown in FIG. C1. Go to the desired recorded file to start playback. (The order of the recorded files in the "MP3" folder is based on the times that the files were created.)

NOTE: This recording function does NOT support any DVD disc. In other words, any DVD content can NOT be recorded to the USB device or SD card through the AVC7505.

Fig. A

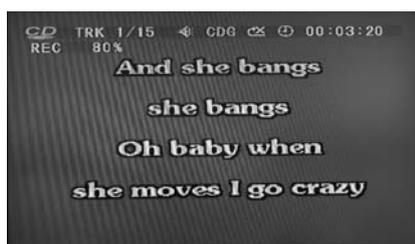


Fig.B

Fig.C



Fig. C1

"COPY MP3" OPERATIONS

The COPY MP3 operations can be summarized into five categories as follows:

1. Copy from the disc player in the MP3 format to USB/SD Card in MP3 format (File Copy).
2. Copy from the disc player in the MP4 format to USB/SD Card in MP4 format (File Copy).
3. Copy from the USB device to SD card or from SD card to USB device in all formats (not including MP3+G).
4. Copy from the disc player in the CD format to USB/SD Card in MP3 format (Ripping process).
5. Copy from the disc player in the CDG format to USB/SD Card in MP3+G format (Ripping process)

1. Copy from the disc player in the MP3 format to USB/SD Card in MP3 format (File Copy)

With an MP3 disc in the disc tray, insert a USB device or an SD card and press the COPY button to enter the FILE COPY window as shown in Fig. D. In the Fig. D window, enter the OPTIONS section to select the TARGET DEVICE (USB OR CARD) In the Fig. F window, enter the TRACKS section to select the track titles by checking the boxes next to the track titles to be copied from. The box next to TRK is used to check or uncheck all boxes in the folder. In the Fig. G window, enter the START section to start the copying process and the copying progress will be displayed as shown in Fig. H and Fig. I. Right before the copying process, the AVC7505 will search for the "CDROM" folder.

REC/COPY OPERATIONS

A "CDROM" folder will be created if it does not exist in the USB device or the SD card. The files in the MP3 disc will be copied into the "CD ROM" folder in the MP3 format with same file names. After the MP3 copying is completed, enter the QUIT section as shown in Fig. J to leave the copying process.

Press the Disc/SD/USB button on the remote control to enter the window as shown in Fig. K. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the window as shown in Fig. L.

In the Fig. L window, use the directional buttons (◀ ▶ Δ ▽) on the remote control to go to the "CDROM" folder and press the ENTER button to open the "CDROM" folder. Go to the desired recorded file to start playback. (The order of the recorded files in the "CDROM" folder is based on the times that the files were created.)

At the bottom of the Fig. L window, there are four symbols representing (from left to right) the options of MUSIC, PHOTO, GAME and VIDEO respectively.

If the file to be accessed is in the format of MP3 or MP3+G, use the left-right directional buttons (◀ ▶) on the remote control to go to the MUSIC symbol (the symbol at the far left) as shown in Fig. L1 and then use the up-down directional buttons (Δ ▽) on the remote control to go to the desired file and press the ENTER button to open the file.

If the file to be accessed is in the format of JPG, use the left-right directional buttons (◀ ▶) on the remote control to go to the PHOTO symbol (the second symbol from the left) as shown in Fig. L2 and then use the up-down directional buttons (Δ ▽) on the remote control to go to the desired file and press the ENTER button to open the file.

If the file to be accessed is in the format of AVI, MP4, DVD or VCD, use the left-right directional buttons (◀ ▶) on the remote control to go to the VIDEO symbol (the third symbol from the left) as shown in Fig. L3 and then use the up-down directional buttons (Δ ▽) on the remote control to go to the desired file and press the ENTER button to open the file.



Fig. D



Fig. E



Fig. F



Fig. G

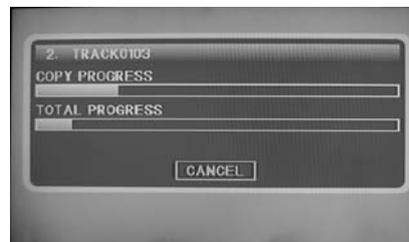


Fig. H



Fig. I



Fig. J



Fig. K



Fig. L



Fig. L1



Fig. L2



Fig. L3

REC/COPY OPERATIONS

2. Copy from the disc player in the MP4 format to USB/SD Card in MP4 format (File Copy)

With an MP4 disc in the disc tray, insert a USB device or an SD card and press the COPY button to enter the FILE COPY window as shown in Fig. D. In the Fig. D window, enter the OPTIONS section to select the FILE TYPE (MUSIC, PHOTO, VIDEO, TEXT, or GAME), the SOURCE DEVICE (DISC or USB, or CARD) or the TARGET DEVICE (USB or CARD). In the Fig. F window, enter the TRACKS section to select the track titles by checking the boxes next to the track titles to be copied from. The box next to TRK is used to check or uncheck all boxes in the folder. In the Fig. G window, enter the START section to start the copying process and the copying progress will be displayed as shown in Fig. H and Fig. I. Right before the copying process, the AVC7505 will search for the "CDROM" folder. A "CDROM" folder will be created if it does not exist in the USB device or the SD card. The files in the MP4 disc will be copied into the "CD ROM" folder in the MP4 format with same file names. After the MP4 copying is completed, enter the QUIT section as shown in Fig. J to leave the copying process. Press the DVD button on the remote control to enter the window as shown in Fig. K. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the window as shown in Fig. L. In the Fig. L window, use the directional buttons (◀▶△▽) on the remote control to go to the "CDROM" folder and press the ENTER button to open the "CDROM" folder. Go to the desired recorded file to start playback. (The order of the recorded files in the "CDROM" folder is based on the times that the files were created.) At the bottom of the Fig. L window, there are four symbols representing (from left to right) the options of MUSIC, PHOTO, GAME and VIDEO respectively.

3. Copy from the USB device to SD card or from SD card to USB device in any format (File Copy)

Insert both USB device and SD card and press the Disc/SD/USB button on the remote control to enter the window as shown in Fig. C. Select CARD in Fig. C window if the files are to be copied from the SD card to the USB device. Select USB in Fig. C window if the files are to be copied from the USB device to the SD card. Press the COPY button to enter the FILE COPY window as shown in Fig. D. In the Fig. D window, enter the FOLDERS section to select one of the available folders to be copied from. In the Fig. F window, enter the TRACKS section to select the track titles by checking the boxes next to the track titles to be copied from. The box next to TRK is used to check or uncheck all boxes in the folder. In the Fig. G window, enter the START section to start the copying process and the copying progress will be displayed as shown in Fig. H and Fig. I. Right before copying from the USB device to the SD card or from the SD card to the USB device, the AVC7505 will search for the "USBROM" folder or the "SDROM" folder. An "USBROM" folder or a "SDROM" folder will be created if it does not exist in the SD card or the USB device. The files in the USB device or the SD card will be copied into the "USBROM" folder in the SD card or the "SDROM" folder in the USB device respectively with same file names. After the copying process is completed, enter the QUIT section as shown in Fig. J to leave the process. Press the DVD button on the remote control to enter the window as shown in Fig. K. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the window as shown in Fig. L. In the Fig. L window, use the directional buttons (◀▶△▽) on the remote control to go to the "USBROM" or "SDROM" folder and press the ENTER button to open the "USBROM" or "SDROM" folder. Go to the desired recorded file to start playback. (The order of the recorded files in the "USBROM" or "SDROM" folder is based on the times that the files were created.) At the bottom of the Fig. L window, there are four symbols representing (from left to right) the options of MUSIC, PHOTO, GAME and VIDEO respectively.

REC/COPY OPERATIONS

4. Copy from the CD disc to USB/SD Card in MP3 format (Ripping)

With a CD disc in the disc tray, insert a USB device or an SD card and press the COPY button to enter the RIP CD window as shown in Fig. M. In the Fig. M window, enter the OPTIONS section to select the SPEED (1X or 4X), the BIT RATE (128, 160, 192, 256 or 320 KBPS; the greater the BIT RATE is, the higher the sound quality and the file size will be.), CREATE ID3 TAG (for playback arrangement), CREATE PLAYLIST (for playback arrangement) and the DEVICE (USB or CARD). In the Fig. N window, enter the TRACKS section to select the track titles by checking the boxes next to the track titles to be copied from. The box next to TRK is used to check or uncheck all boxes in the folder. In the Fig. O window, enter the START section to start the ripping process and the ripping progress will be displayed as shown in Fig. P. Right before the ripping process, the AVC7505 will search for the "RIPPING" folder. An "RIPPING" folder will be created if it does not exist in the USB device or the SD card. The files in the CD disc will be ripped into the "RIPPING" folder in the MP3 format. After the CD ripping is completed, enter the QUIT section as shown in Fig. M to leave the ripping process. Press the DVD button on the remote control to enter the window as shown in Fig. K. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the window as shown in Fig. L. In the Fig. L window, use the directional buttons (◀▷△▽) on the remote control to go to the "RIPPING" folder and press the ENTER button to open the "RIPPING" folder. Go to the desired recorded file to start playback. (The order of the recorded files in the "RIPPING" folder is based on the times that the files were created.)



Fig. M



Fig. N



Fig. O



Fig. P

5. Copy from the CDG disc to USB/SD Card in MP3+G format (Ripping)

With a CDG disc in the disc tray, insert a USB device or an SD card and press the COPY button to enter the RIP CD window as shown in Fig. M. In the Fig. M window, enter the OPTIONS section to select the SPEED (1X or 4X), the BIT RATE (128, 160, 192, 256 or 320 KBPS; the greater the BIT RATE is, the higher the sound quality and the file size will be.), CREATE ID3 TAG (for playback arrangement), CREATE PLAYLIST (for playback arrangement) and the DEVICE (USB or CARD). In the Fig. N window, enter the TRACKS section to select the track titles by checking the boxes next to the track titles to be copied from. The box next to TRK is used to check or uncheck all boxes in the folder. In the Fig. O window, enter the START section to start the ripping process and the ripping progress will be displayed as shown in Fig. P. Right before the ripping process, the AVC7505 will search for the "RIPPING" folder. An "RIPPING" folder will be created if it does not exist in the USB device or the SD card. The files in the CD disc will be ripped into the "RIPPING" folder in the MP3+G format. After the CD ripping is completed, enter the QUIT section as shown in Fig. M to leave the ripping process. Press the DVD button on the remote control to enter the window as shown in Fig. K. Select USB or CARD (SD Card) and press the ENTER button on the remote control to enter the window as shown in Fig. L. In the Fig. L window, use the directional buttons (◀▷△▽) on the remote control to go to the "RIPPING" folder and press the ENTER button to open the "RIPPING" folder. Go to the desired recorded file to start playback. (The order of the recorded files in the "RIPPING" folder is based on the times that the files were created.)

DVD System Setup Menu

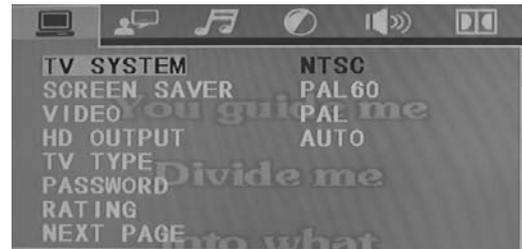
DVD SYSTEM SETUP MENU

To access the System Setup Menu, press the SETUP button on the remote control. The menu will appear on the TV screen. Use the arrow buttons on the remote control to navigate through the menu and use the ENTER button to make selections.

1. TV SYSTEM

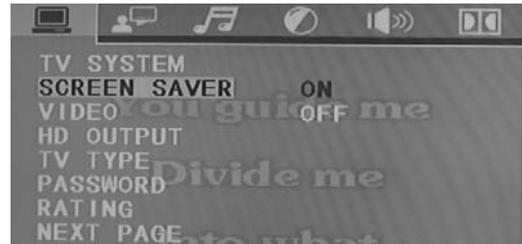
Set the video output to your TV's system format:

- NTSC North America
- PAL Europe, Asia
- PAL60 This format enables a PAL TV/Monitor to play the NTSC video.
- AUTO Automatically detects the TV's format.



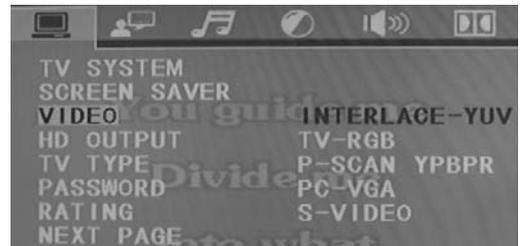
2. SCREEN SAVER

The DVD screen saver can be toggled ON or toggled OFF to suit your preference for display during extended periods of Player inactivity when power remains on. Use the Directional buttons (◀ ▶ △ ▽) to make your selection.



3. VIDEO

Refer to your TV manual to determine which type of video it supports. You can choose between INTERLACE-YUV, P-SCAN YPBPR or S-VIDEO.



4. HD OUTPUT

Refer to your TV manual to determine which type of video it supports. You can choose between 480I/576I, 480P/576P, 720P, 1080I or 1080P.



5. TV TYPE

This menu actually refers to TV display mode. Choose between 4:3PS for Panoramic Screen, 4:3LB for Letterbox, or 16:9 based on your viewing preference.



To view the standard 4:3 picture or the cut standard 4:3 picture



4:3 subtitle block to view the full width of the widescreen mode



16:9 To view widescreen picture with a widescreen TV set



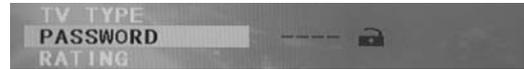
DVD System Setup Menu

6. PASSWORD

When the PASSWORD menu is selected, the displayed lock icon is closed (locked) as shown in Fig (1). The preset password to lock or unlock RATING settings is 0000. If you are a parent and want to limit the types of DVD's to be viewed with the AVC7505, type this password using the NUMBER keys on the remote, and then press ENTER to unlock the RATING setting. Once you unlock the RATING setting, the lock icon will be opened (unlocked) as shown in Fig (2).



Fig(1)



Fig(2)

With the RATING setting unlocked, enter the RATING menu and select the desired parental safety setting, then come back to the PASSWORD menu to enter a desired 4-digit password to lock the selected parental safety setting. A locked icon as in Fig (1) will display to indicate the locking status.

7. RATING

Set the parental safety settings. There are eight (8) parental safety settings as displayed on the TV / monitor.

8. NEXT PAGE

8.1 DEFAULT

Select this mode if you choose to return all system preferences to the DEFAULT settings.

8.2. POWER RESUME

- ON:RESUME the last spot played on a disc and returns to it when the AVC7505 is turned back on from the Standby mode.
- OFF:RESUME is off.

8.3. PREV PAGE

LANGUAGE SETUP

This menu is used to set up the language preferences for the functions described as follows. Use the Directional buttons (◀ ▶ △ ▽) on the remote control to navigate through the menu and use the ENTER button to make selections.

1. OSD (On Screen Display) Language

The available OSD languages include English, Spanish, French, German, Portuguese, and Chinese.

2. AUDIO LANGUAGE

This feature is dependent upon the options included with each individual disc. Choose from the list provided by the disc.

3. SUBTITLE LANGUAGE

This feature is dependent upon the options included with each individual disc. Choose from the list provided by the disc.

4. MENU LANGUAGE

This feature is dependent upon the options included with each individual disc. Choose from the list provided by the disc.

AUDIO SETUP

1. AUDIO OUT

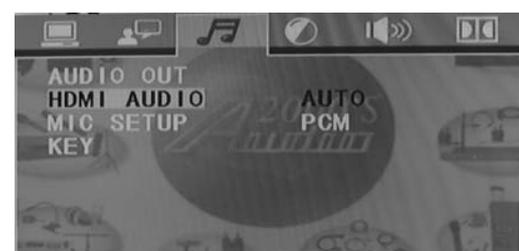
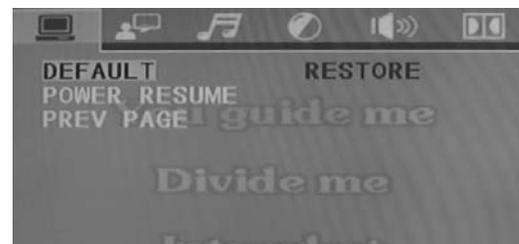
The AVC7505 allows user to use the standard analog audio outputs and the digital output simultaneously by using the RCA L/R outputs and the coaxial output. When the AVC7505 is connected to an external sound system with digital inputs, select settings as follows:

- SPDIF/OFF This setting completely disables the digital audio output.
- SPDIF/RAW This setting selects the Dolby 5.1 digital audio output. (optical- coaxial)
- SPDIF/PCM This setting selects the stereo digital audio output (2 channels)

2. HDMI AUDIO

The AVC7505 HDMI audio output allows user to use the standard analog audio output and the digital output

- PCM
- AUTO



DVD System Setup Menu

3. MIC SETUP

- **AUTO** Mic is on.
- **OFF** Mic is off.

4. KEY CONTROL

This feature functions exactly the same as the KEY CONTROL buttons on the remote control, but with a virtual vertical fader instead of a left-right display. Use the Directional buttons (< > Δ ▽) on the remote control to the fader bar and raise (# or sharp) or lower (b or flat) the output of the disc in quarter-step increments.

VIDEO SETUP

Use the Directional buttons (< > Δ ▽) to raise or lower the vertical fader bars to set up the following video preference settings.

1. **BRIGHTNESS** - Adjust the brightness of the display.
2. **CONTRAST** - Adjust the contrast of the display.
3. **HUE** - Adjust the hue of the display.
4. **SATURATION** - Adjust the saturation of the display.

SPEAKER SETUP

1. DOWNMIX

- **LT/RT** The left channel and the right channel sound outputs are mixed first and then the mixed sound output is redirected to the left speaker and the right speaker simultaneously.
- **STEREO** - Sound output is in Stereo Mode.
- **V SURR** - Virtual Surround Sound.
- **5.1 CH** - For 5.1 Channel surround sound.

2. SUBWOOFER

- **ON**: If you have a subwoofer.
- **OFF**: If you do not have a subwoofer.

3. CENTER DELAY

4. REAR DELAY

5. FRONT

Set this based on the size of your front speaker.

- **LARGE**
- **SMALL**

DIGITAL SETUP

1. OP MODE

LINE OUT - This setting compresses the output signal and lowers the volume for use in a quieter environment, such as at night time.

RF REMOD - This setting increases volume for regular usage.

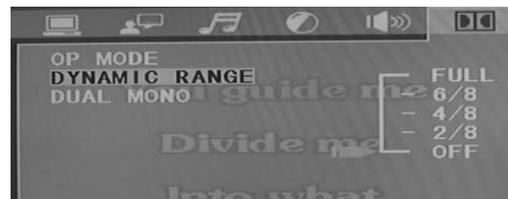
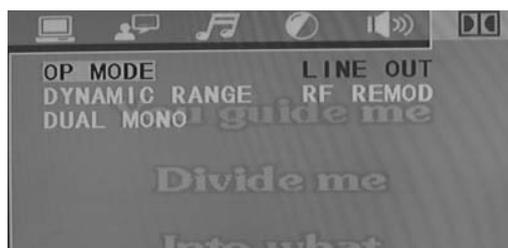
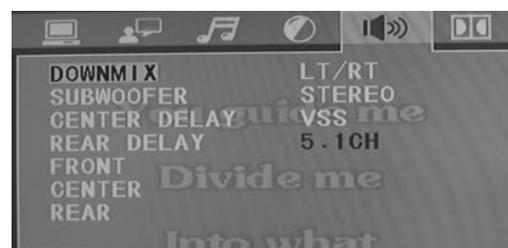
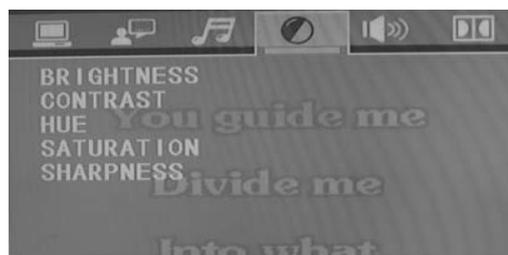
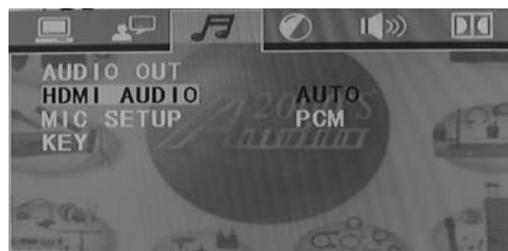
2. DYNAMIC RANGE

When the OP CODE is set to LINE OUT, use this setting to select the ratio of signal compression. Select FULL for the lowest maximum signal and OFF for the highest maximum signal.

3. DUAL MONO

- **STERERO** - This setting plays the disc audio in the stereo mode.
- **MONO L** - This setting plays only the left audio channel.
NOTE: For use only on Multiplex CDG discs.
- **MONO R** - This setting plays only the right audio channel.
NOTE: For use only on Multiplex CDG discs.

- **MIX MONO** - This setting plays the disc audio in the mixed audio mode in which the left audio channel and the right audio channel are mixed first and then redirected to the left channel and the right channel simultaneously.



Troubleshooting

Troubleshooting

1. There is no power

- Make sure the power cord is firmly connected to the back of the AVC7505 and to the power outlet
- If using a power strip/surge-protector, make sure that it is plugged in and switched on
- Make sure the Power button on the front panel is pushed in to the on position

2. There is no sound

- Make sure everything is connected firmly and properly
- Make sure all of your components are turned on
- Make sure the AVC7505 is set to the right input
- Make sure the proper volume controls are turned up high enough

3. No picture

- Make sure everything is connected firmly and properly
- Make sure there are no defective cables
- Make sure all of your components are turned on
- Make sure the AVC7505 is set to the right input
- Make sure the TV or monitor is working correctly

4. The disc does not play

- Make sure the disc is inserted correctly (label-side up)
- Make sure the disc is clean and not scratched
- If using a CD/DVD R/RW, try using a different brand as some brands might not be compatible
- Clean the CD lens using a CD lens cleaner

5. Remote control does not work

- Make sure the batteries are inserted, inserted correctly, and not out of power
- Point the remote control directly at the remote sensor on the machine
- Move closer to the machine

6. The picture is unclear

- Make sure the disc is not dirty or damaged
- Make sure that the TV TYPE (P/N button on the remote) is set correctly:
NTSC: In North America, Japan and many other Asian countries
PAL: In Europe
- Try restarting the AVC7505

7. The music from an MP3 player or CD sounds hollow or very reverby

- Make sure the surround sound quality, using the SURROUND button on the remote control or front panel, is set to MUSIC

Service Information

SHIPPING DAMAGE

If the shipping carton is found to be damaged, notify the delivery company immediately. Save the damaged carton as evidence for the delivery company to inspect. It is the responsibility of the shipper to file a claim with the delivery company for any damage that occurs during shipping. In the case that the shipping carton is in good condition but the unit is damaged or defective, call **Audio2000'S®** at 805-523-2759.

FACTORY SERVICE

If the equipment needs factory service, call **Audio2000'S®** at 805-523-2759 for a Return Authorization number (RA number) and the address of the authorized service representatives. Insure and ship the product, prepaid, in its original carton along with proof of purchase in the form of a bill of sale or receipted invoice to the above address. Please clearly write the RA number on the shipping carton. Also enclose a note describing the problem along with any other helpful information such as where and how the unit was used.

LIMITED WARRANTY

H&F Technologies, Incorporated (H&F) hereby warrants that **Audio2000'S®** products will be free from defects in material and workmanship for a period of 1 (one) year from date of purchase. At its option, H&F will repair or replace the defective product and promptly return it to you.

The Limited Warranty will not cover any item that has been, in H&F's estimation, subject to alteration, misuse, neglect, accident or improper installation. In addition, any service not performed by H&F or an authorized service center will terminate terms of this warranty. Normal wear and tear of this product will not be covered by this or any implied warranty.

No liability will be accepted for damages/loss directly caused from the use of this product. H&F's liability shall be limited to the repair/replacement of this product if found to be defective.