

User Manual

UMP-300

PROFESSIONAL DIGITAL
KARAOKE PLAYER & SINGING RECORDER



NOTE: To ensure this system works safely and to its fullest potential, please read the User Manual carefully before use and keep it handy for future reference.

CAUTION:

To assure this player will work at its best, please read this user's manual carefully before operation and keep for future reference.

UMP-300

Thank you for purchasing Kamar UMP-300 Professional Digital Karaoke Player and Singing Recorder. Digijet takes pride in providing its customers with only the most advanced and highest quality products on the market.

With proper care and use you will get many years of satisfying entertainment from your Kamar product.

Be sure to keep original packaging in case re-shipping is required for returns or repairs. Care and cleaning: Use a slightly damp cloth to clean the front panel and other surfaces of the UMP-300. Do not use the device in areas that are wet or prone to dampness. Always allow enough room below and around the device to provide sufficient air flow for cooling while in use.

IMPORTANT - Please Read

Please check that you have all of the following accessories supplied to you. If anything is missing, please contact your dealer immediately.

RCA Composite (Yellow/Red/White)

Remote Control (1)

User's Manual (1)

NOTE

Your Kamar UMP-300 Professional Digital Karaoke Player & Singing Recorder arrives with everything you need to start making music and converting ("Ripping") CD+G files to the MP3+G format. If you need speakers or other audio components, they can be obtained from Kamar, or you can use any standard audio equipment that conforms to contemporary standards.

Please fill out your Warranty Registration Card and return it right away.

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Before Operation

About This Manual

The display window information and On Screen Display (OSD) items are all in UPPERCASE letters.

Precautions

Power Cord: When your UMP-300 device is left unattended or is not in use for an extended period of time, unplug the unit from the wall outlet.

When unplugging the player from the wall outlet, always pull the plug, not the cord.

Do NOT handle the power cord with wet hands.

Do NOT place the player in a moist environment or in an area where there might be an excessive amount of dust build up (e.g. near a fan).

If water or any liquid should get into the unit, turn off the power and unplug the unit immediately. Consult your dealer or an authorized repair station. Using the unit in this state may lead to fire or electrical shock.

Avoid high temperatures.

Do NOT expose the player to direct sunlight or place near any heating device.

Notes on Installation

Select a place where the unit will be level, dry, and not too cold or hot.

Do not operate unit on its side or where subject to vibrations (e.g. speakers).

Leave sufficient distance between the TV and unit.

Do not place heavy objects on top of unit.

Prevent Unit Malfunction

This unit requires professional servicing. If the unit no longer functions, unplug it from the wall outlet and contact your dealer for service options.

Never block the vents on the unit. Vents are used to circulate air and maintain the temperature of the player down. Blocking the vents may result in damage to the unit.

Important Information Before You Start

Compatible Media and File Formats

This unit supports the following disc and file formats:

MPII, AVI, Video CD, Video CD 2.0

CD+Graphics, Audio CD, HDCD

MP3, MP3+G, JPEG, Kodak, MPEG

Card reader and USB compatible formats:

SD Memory Card (FAT32 format only)

Reader supports up to 16GB.

USB Port supports up to 320GB

Important Reminders

Any disc that is not listed above will cause the player to display NO DISC in the Display Window. Future media and disc formats maybe supported with firmware upgrades, when available.

Encoding methods of some media formats may affect playback, e.g., unable to fast forward, long load time, etc. Be sure that the encoding process conforms to the standards for that particular format.

Dirty, scratched, warped and defective discs may cause a considerable time delay during the loading and reading of data. In extreme cases, such conditions may render the disc completely unreadable by the player.

Video Signal Formats

This player accommodates both NTSC and PAL systems, with automatic detection and override settings.

Digital Audio Formats

This player accommodates stereo, analog and several high-resolution digital audio signals.

Note: Depending on AUDIO SETUP > SPDIF settings, digital audio signals may not be output as they are recorded on the disc.

Before Operation

Notes Regarding Discs

With some Disc's, the player starts playback automatically after inserting the disc, whether or not PLAYBACK CONTROL is on or off.

The image may be poor, noisy or grainy due to defects on the actual disc, and some functions as described in this manual may not be possible on all discs.

Maintenance of Discs

Handling

When handling discs, always hold them from their edges and/or by the circle in the center.

NEVER write on the any surface of the disc for it may render the disc unreadable.

Store discs in a clean and dry environment. Storing CDs vertically will also help prevent warping.

After use, insert CD into jacket or case to minimize wear and tear. DO NOT stack CDs on top of one another.

Do not bend or press the disc. Do not expose the disc to direct sunlight or any heat source.

Cleaning

Wipe the discs from time to time using a soft cloth. Always wipe from the center towards the edges, NOT in circular motions.

DO NOT clean with any other cleaning solution, unless it is specifically made for disc cleaning.

CDs revolve at very high speeds inside of players. Never attempt to play cracked or warped CDs, since doing so may cause the disc to shatter or the player to malfunction.

Power Cord

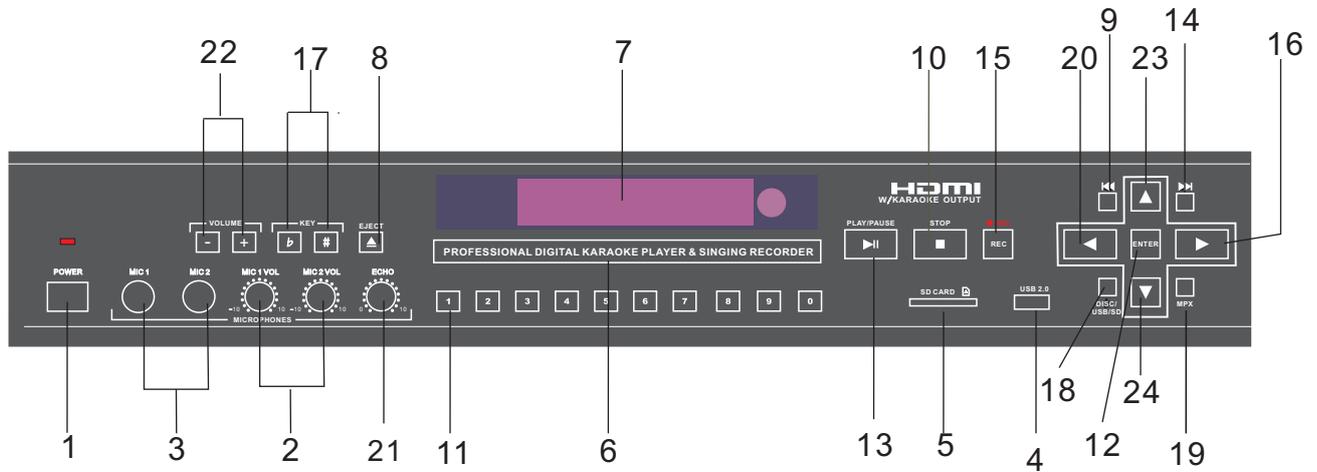
Handle the power cord only by its plug, and do not unplug it by yanking on the cord. Touching the cord while your hands are wet may lead to an electric shock or a short circuit.

If the cord becomes damaged or its wires become exposed, please replace the cord as soon as possible in order to prevent an electric fire or shock. Check the power cord every few months to ensure it is functioning properly.

Compatible Video Formats

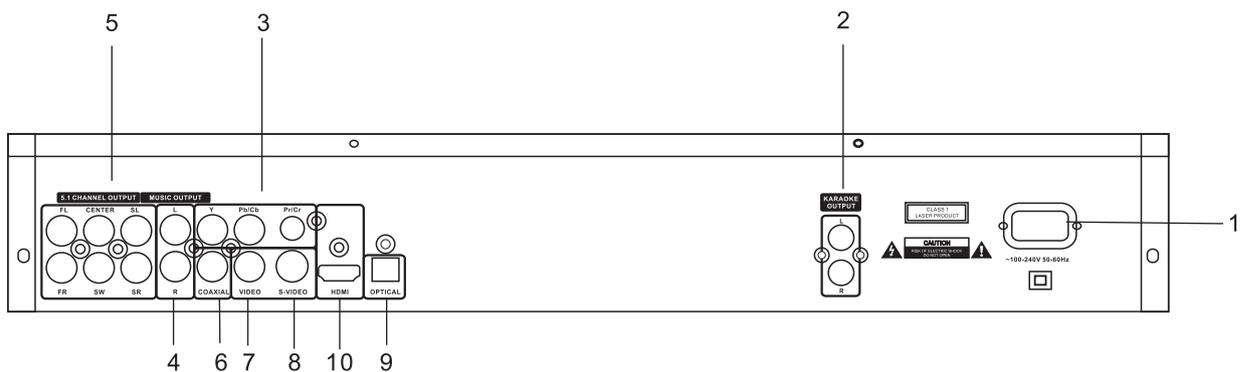
Type	USB/SD Card Supported?	Disc Supported?
DivX 4.12 (AVI)	Yes	Yes
DivX 5.02 (AVI)	Yes	Yes
DivX 5.20 (AVI)	Yes	Yes
DivX 5.21 (AVI)	Yes	Yes
XVID (AVI)	Yes	Yes
DivX 6.0 (AVI)	Yes	Yes
DivX 5.11 (AVI)	Yes	Yes
DivX 3.11 (AVI)	No	No
DivX 7.0	No	No
MP4	Yes	Yes
MPEG-1	Yes	Yes
MPEG-2	Yes	Yes
VOB	No	Yes
DAT	Yes	Yes

FRONT PANEL FUNCTIONS AND OPERATION:



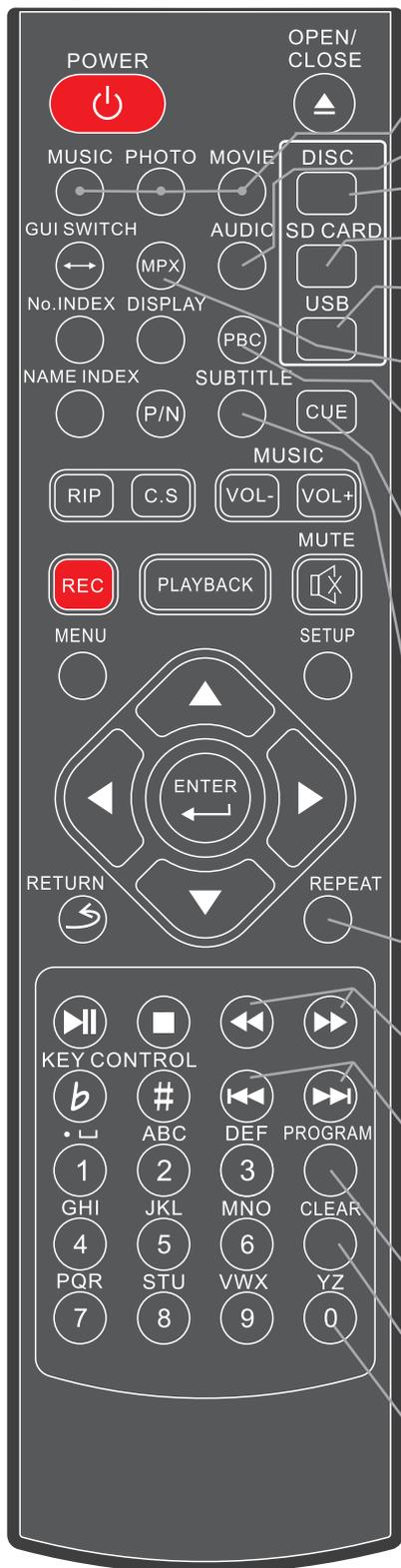
- | | | |
|--------------------------|--------------------------|------------------------------------|
| 1. Power ON/OFF | 9. Previous Button | 17. Key Control |
| 2. MIC1&2 Volume Control | 10. Stop Button | 18. USB/SD Card/Disc Switch Button |
| 3. MIC1&2 Input Jacks | 11. Number Button | 19. MPX button |
| 4. USB Slot | 12. Enter Button | 20. Fast-Backward Button |
| 5. SD card Slot | 13. Play/Pause Button | 21. ECHO |
| 6. Tray Door | 14. Next Button | 22. Music Volume |
| 7. LED Display Window | 15. Record Button | 23. UP |
| 8. Open/Close | 16. Fast -Forward Button | 24. DOWN |

BACK PANEL FUNCTIONS AND OPERATION:



- | | |
|-------------------------------------|------------------------|
| 1. Power Cord Connection | 6. Coaxial Output Jack |
| 2. Karaoke Output (L&R) | 7. Video Output Jack |
| 3. Y.Cb.Cr. Video Output Jacks | 8. S-video Output Jack |
| 4. Audio Output RCA Jacks | 9. Optical Output Jack |
| 5. Surround Audio Output 5.1Channel | 10. HDMI Slot |

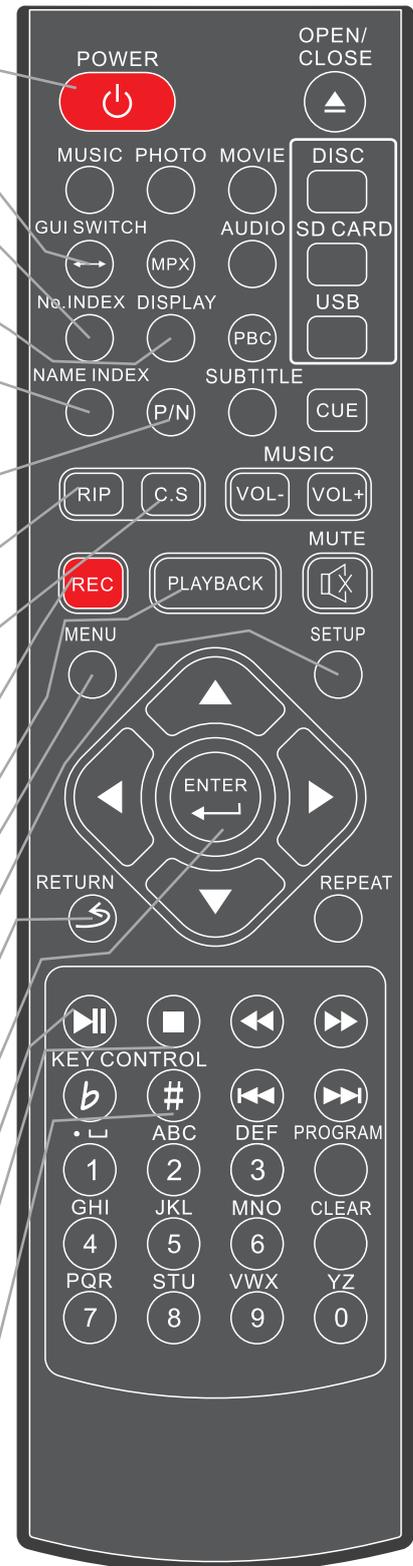
Remote Functions



1. **MUSIC/PHOTO/MOVIE BUTTON**
In USB /SD Card mode , use these buttons to call out all the music/photo/movies files and display on the screen.
2. **AUDIO BUTTON**
Select audio sound track options for DVD discs.
3. **DISC BUTTON**
Press to change to disc mode.
4. **SC CARD BUTTON**
Press to change to SD card mode.
5. **USB BUTTON**
Press to change to USB mode if a USB device is connected
6. **MPX BUTTON**
Switch between the left mono , the right mono or stereo sounds .
Use to turn vocals on/off on multiplex CD+G or VCD disc.
For DVD disc, use AUDIO button (#2) to switch audio channel
7. **PBC BUTTON**
This function is only available for video-cd version 2.0 or higher. The function of PBC may differ by different discs. When PBC mode is on, users can select items in the menu by using the PREVIOUS/NEXT keys. When PBC mode is off users cannot select items in the menu, but you can use the numeral keys directly or the PREVIOUS/NEXT keys
8. **CUE BUTTON**
Switches the mode between Karaoke and DVD.
In K araoke mode, the player will be paused after one track has finished playing. In DVD mode, all tracks will be played continually
* Karaoke mode = Cue on, DVD mode = Cue off.
Pass: When playing the DVD disc, users can press the PASS button to skip the menu and play the track or movie directly
9. **SUBTITLE BUTTON**
While playing DVD, press SUBTITLE repeatedly until the desired language is selected.
10. **REPEAT BUTTON**
Allows you to repeat a track or disc.
A. Repeat a track - Press REPEAT until the screen shows REP ONE. The unit plays the current track.
B. Repeat all - Press REPEAT until the screen shows REP ALL. The unit plays all the tracks on the disc.
11. **SKIP FORWARD AND SKIP BACKWARD BUTTONS**
FWD >> << REW BUTTONS - Press FWD to shift the playing location forward quickly. Press REW to shift the playing location backwards quickly.
12. **FWD >> << REW BUTTONS**
>> BUTTON - Press to go to the beginning of the next track.
<< BUTTON - Press to go to the beginning of the current or previous track.
13. **PROGRAM BUTTON**
In Disc mode, program tracks by pressing STOP then press PROGRAM Enter your track selection and press PROGRAM again to accept Press PLAY to start programmed tracks In SD/USB mode this function only works in window #1 mode,
14. **CLEAR BUTTON**
Deletes all programmed tracks you have entered.
15. **NUMBER KEY 0-9 BUTTON**
Input numbers for track selection or programming purposes. In the PBC function, the number keys are also used to select menu items.

Remote Functions

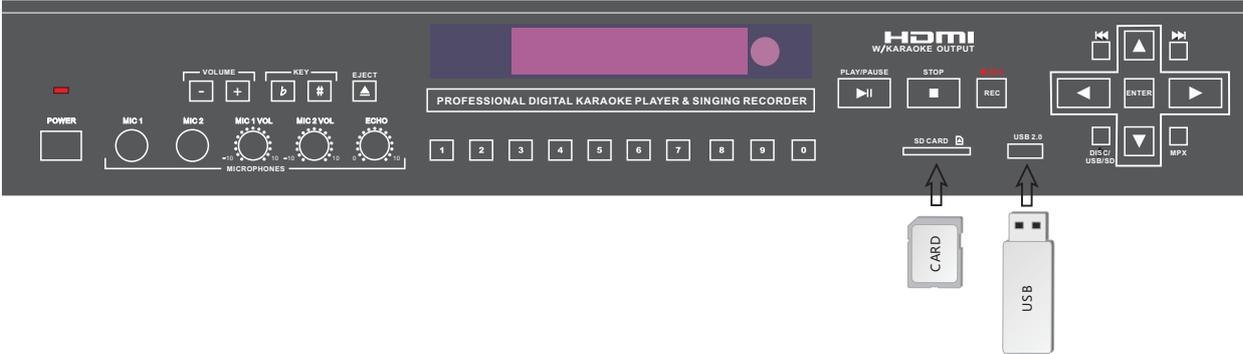
16. **POWER BUTTON** Turns the player on or off
17. **GUI SWITCH BUTTON** Press the button to switch between windows and playback display mode.
18. **NUMBER INDEX BUTTON**
Use this button to search by song-number in the DISC/USB/SD mode. There must be a song number which corresponds to a song name (ex: 1001 from 1001 love.mp3) for this function to work.
19. **DISPLAY BUTTON**
Shows the elapsed or remaining time for single track or the entire disc
20. **NAME INDEX BUTTON**
Use this button to do song search by song name in the DISC/USB/SD mode. There must be a song name (ex: love from 1001_love.mp3) for this function work.
21. **NTSC/PAL BUTTON** Press to switch PAL/NTSC system. Used to rip whole CD+G disc or just one track into SD card or USB storage.
22. **DISC RIPPING BUTTON**
Used to rip whole CD+G disc or just one track into SD card or USB storage.
23. **CREATE SONGLIST BUTTON**
To access stored files on a Disc, SD CARD or USB MODE, you can use this function to scan songs in the storage device and create a song list into a text file for further use. Please repeat this function whenever the content has been changed (song add/delete)
24. **RECORD BUTTON**
Record singing (audio MP3 file only) from CD/VCD discs or record MP3+G (A/V files) from CDG/MP3G discs or files
25. **PLAYBACK BUTTON** After recording your singing, you can use this button to playback right away.
26. **MENU BUTTON**
Press MENU once to return to the root menu for DVD's.
27. **SETUP BUTTON**
Opens SETUP menu, see the following pages for more detail.
28. **RETURN BUTTON**
This button is used to return to a menu screen while playing.
29. **ENTER BUTTON**
Use the direction buttons for navigation in selection menu and use the enter button to confirm entry or selection.
30. **PLAY & PAUSE BUTTON**
Press to begin playback or to close disc tray and begin playing automatically.
Press again to Pause playback.
31. **STOP BUTTON** Press to STOP playback.
32. **KEY CONTROL BUTTON**
LOW BUTTON (b) - Lower the key by a half tone
BUTTON (#) - Raises the key by a half tone.



Player Connections

Note:
 Note: We can not guarantee this machine will read and play all USB memory devices. For smooth recording and playback, we recommend using USB version 2.0 and SD cards that are Class 4 or higher.

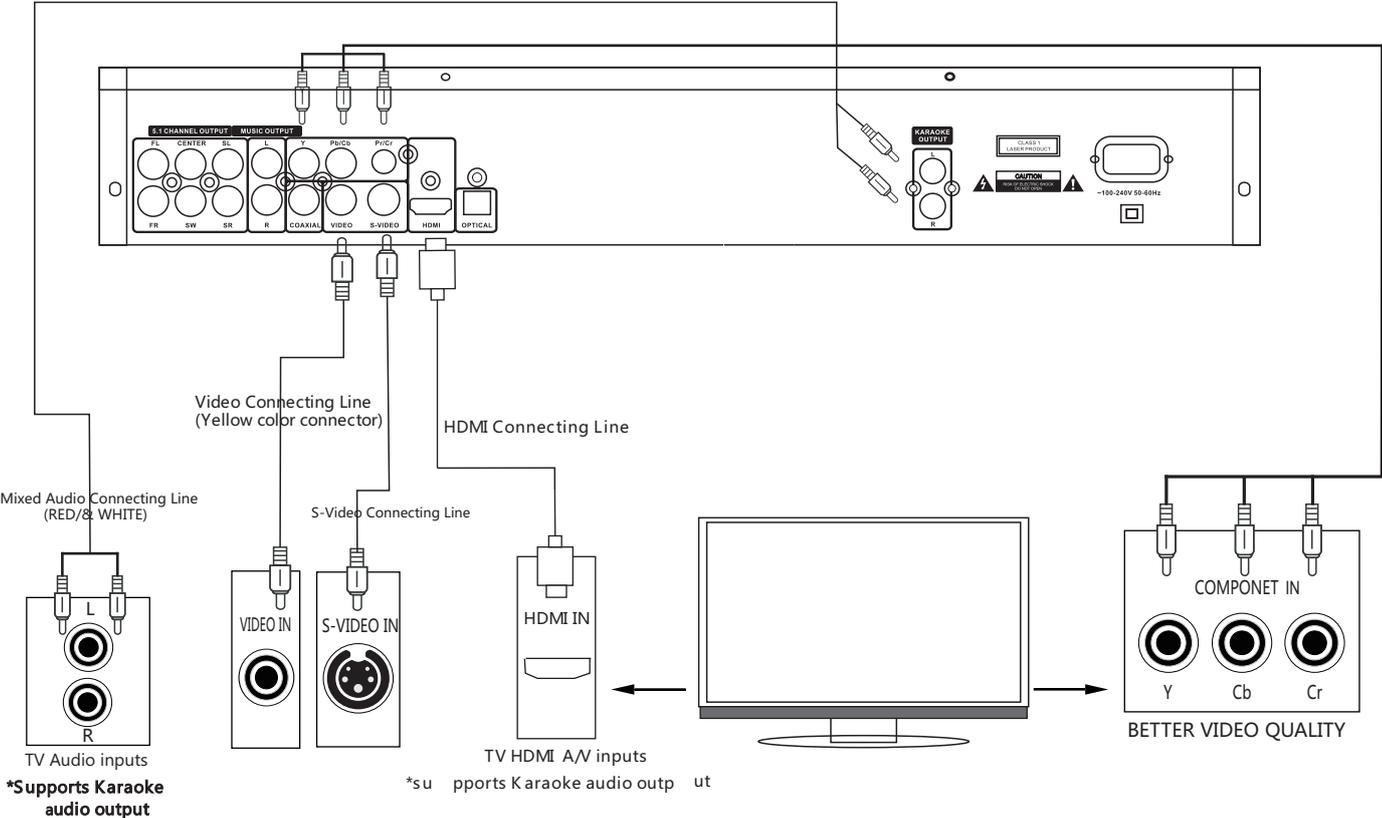
USB AND SD CARD



A/V Connection

Make sure all power is disconnected from each component before connecting. Plug in 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 an amplifier that is connected to a TV or monitor. The TV or amplifier must also contain RCA audio input jacks (left and right channel).

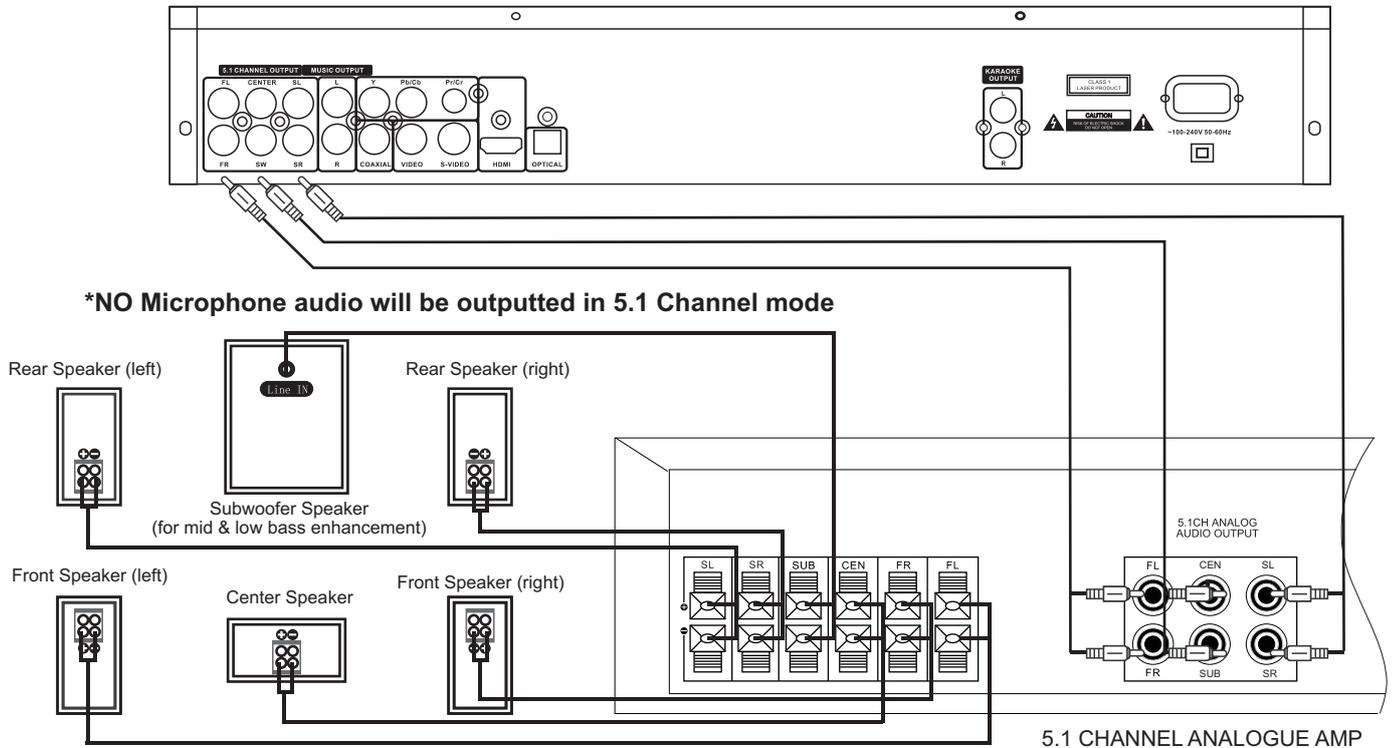
If you wish to use this player in karaoke mode, you must have your player connected as pictured below.



Player Connections

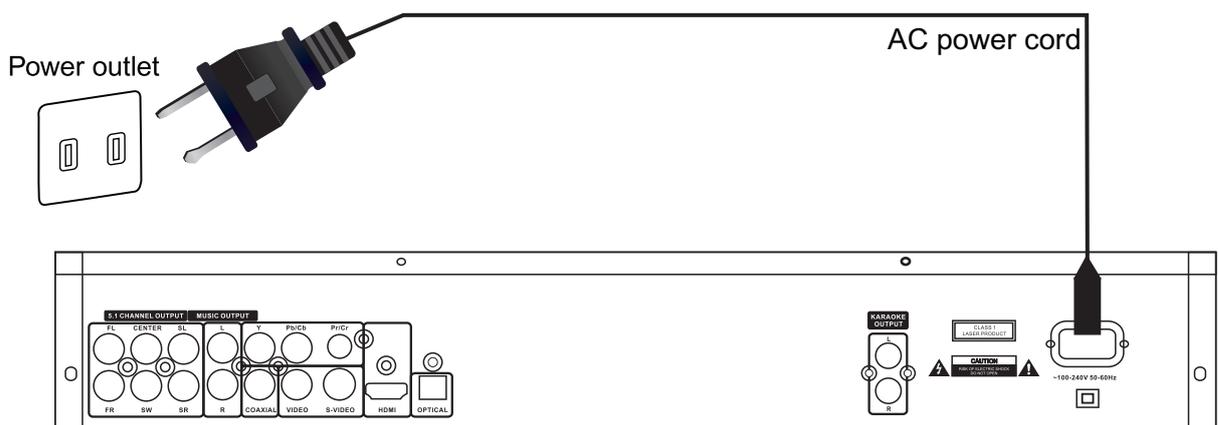
MAKING THE CONNECTION BETWEEN the PLAYER and 5.1 CH. SURROUND SOUND AMPLIFIERS

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



POWER CONNECTION

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



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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Basic Operation

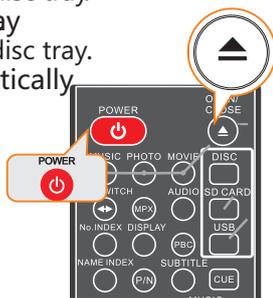
Basic Playback

Turn on the machine



Loading A Disc

1. Press **EJECT** to open the disc tray.
2. Place a disc in the disc tray
3. Press **EJECT** to close the disc tray.
4. The Disc will play automatically.



If A Menu Is Shown On The TV Screen

When inserting a DVD or VCD disc, a menu may be displayed before playback. From the menu, you may select a desired item to be played back.

For DVD Video

1. Use the arrow keys to select the desired track.
2. Press **ENTER** and the player will playback the selected track.

For Video CD

1. Press the numeric buttons to select a desired item. The player starts playback of the selected item.

NOTE

*Do NOT insert a damaged disc

If a disc takes more than usual to read or the display WINDOW shows LOAD for an extended period of time, press **EJECT** on the remote or from the front of the unit and check disc for any dirt/fingerprints or defects.

To End Playback

Press **STOP**.

To Resume Playback

On DVDs and VCDs, you can resume playback by pressing the **PLAY** button.

To Stop Playback Completely

Press the **STOP** button twice. Now when you press the **PLAY** button, it will begin from the beginning of the disc. Also, if you eject the disc, playback completely stops and ejects the disc.

To Pause Playback

Press the **PAUSE** button to pause playback. To resume, press either the **PLAY** or **PAUSE** button.

To Advance Or Reverse Playback While Viewing
During playback on DVDs and VCDs, press **FAST FORWARD >>** or **FAST BACKWARD <<** on the remote unit. You can select from 2X, 4X, 8X, 20X the normal playback speed.

*During forward or reverse, the sound will be muted.

Play back from USB and SD card devices

NOTE

Please note, this player is not a computer system and so it cannot support large external hard drives and any storage device containing more than 2,000 files. For example, 200 MP3s files or 200 MP3G songs (each MP3G contains 2 files adding up to 400 files; .cdg +.mp3 = MP3G). The UMP-300 may support 2.5" external hard drives that do not require an external power source but we cannot guarantee it will support all models. recommends using a USB flash drive formatted to FAT32 but due to the many different brands available, we cannot guarantee every USB flash drive will work. Please try another brand if you are experiencing compatibility issues.

USB port and operation

You can play your own video and audio files as the DK-9077 supports MP3, CD+G, MP3+G, DVD, AVI and Divx formats that are stored in external memory devices (flash drives, card readers). Note: These devices must be in FAT32 format to play content. See bottom of page 3 for compatible file formats

If no disc is being played, audio and video files from a connected external memory device (USB device or SD card) will automatically be selected and played. Otherwise, switch to USB playback:

1. Press the **STOP** button.
2. Press **USB PORT** button to make the USB menu appears on the screen.
3. Select a song from the song list.
4. Press **ENTER** to play.
5. Press **DVD DISC** button to switch back to DVD playback.

SD card slots

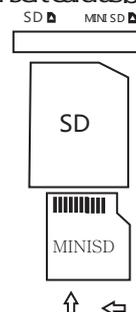
You can play video and audio files (MP3, CD+G, MP3+G, DVD, AVI and DivX formats) stored on SD cards by inserting any one of such devices into the slots.

If no disc is in use, the unit will automatically select audio and video files from the external memory devices connected. Note: These devices must be in FAT32 format to play content.

If you need to switch to memory card playback:

1. Press **STOP**.
2. Press **SD CARD** button to bad the SD CARD menu on the screen.
3. Select a song from the window.
4. Press **ENTER** to play your selection.

Insert cards as below



Basic Operation

Karaoke - USING MICROPHONE

The system has 2 microphone inputs for connecting up to 2 microphones at once.



Karaoke - MICROPHONE MIXER

When a microphone is plugged into MIC1 or MIC2, the system mixes the music with your voice.

1. Press POWER to turn the system "on" .
2. Load a Karaoke Disc.
3. Press PLAY to start playing.
4. Adjust MASTER MUSIC VOLUME on the remote controller
5. Adjust Microphone volume from front panel.
6. Sing while the song is playing.
7. Adjust ECHO level on the remote/front panel to the desired echo level.

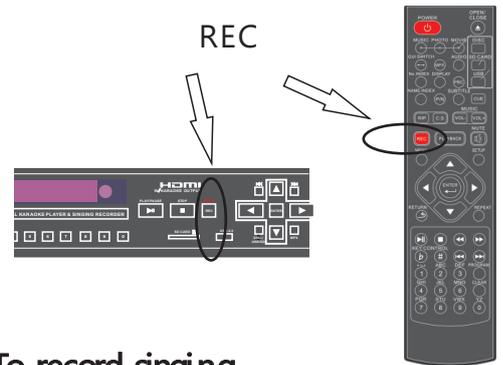
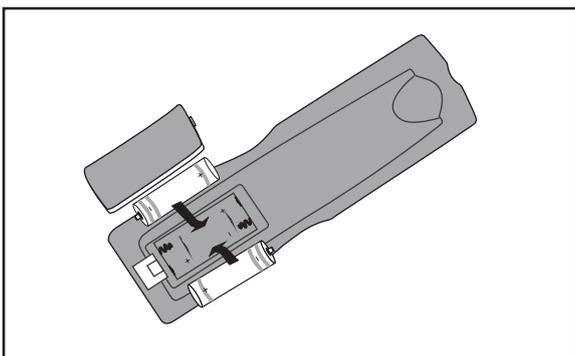
KEY CONTROL



Karaoke - REMOTE CONTROL

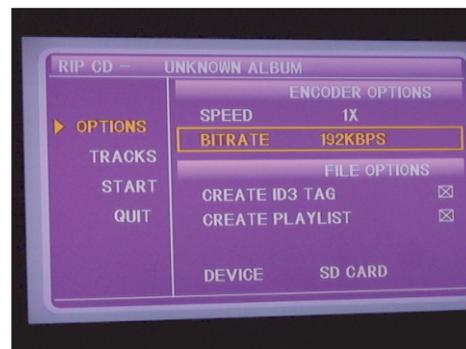
The battery compartment is located on the back of the Remote control.

1. Open the lid of the Remote control battery compartment
2. Insert two (2) AAA batteries. Make sure that the batteries are placed with the positive and negative terminals in the correct directions per the (+) and (-) marks inside the compartment.
3. Replace the lid of the Remote control battery compartment.



Karaoke -To record singing

1. Play MP3, CD, CDG, MP3G or VCD song from disc, or MP3, MP3G song from USB or SD card.
2. Insert SD card or USB as a file saving device when playing a disc.
3. Select the song you want to record, and press play. Then, press RECORD on the machine or remote to start recording. Will re-play from the beginning and start recording at the same time.
4. Press STOP or RECORD to stop recording, or when the song finishes. The process will automatically end.
5. Press PLAYBACK on the remote to immediately playback the last recorded song.
6. Player will continue playing the next song unless you set CUE OFF from the remote controller.



Rip MP3G from CDG disc

1. Insert a CDG disc into the disc tray. Insert a SD card or USB device as MP3G file storage.
2. Press DISC RIPPING button on the remote.
3. From OPTIONS, select ripping speed (1 x or 4 x) and MP3 compression bit rate (higher bitrate results in better sound quality but creates a bigger file size) .
4. Select target tracks from TRACKS option. You can select one, all or specific tracks.
5. After selecting songs, select the START option to process the MP3G ripping.
6. After ripping, exit the window. You can find your ripped songs in Ripping_XX(XX= numbers) folder in SD card or USB storage drive

Scoring function

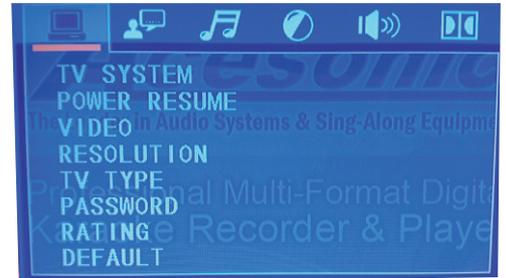
1. Turn on the scoring function in the setup menu
2. When you sing with the scoring function on, the SCORE will show on screen. The score will be displayed at the end of the song.
3. This function is only supported by CDG disc mode.

Basic Operation

SYSTEM SETUP

Unload the Disc then:

Press SETUP KEY to open the Setup MENU.



- TV SYSTEM

- 1) Press Direction KEY [▼/▲] to choose "TV SYSTEM" .
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the from [NTSC/ PAL/PAL60/AUTO].

- POWER RESUME

- 1) Press Direction KEY [▼/▲] to choose "SCREEN SAVER".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select "ON" or "OFF".
- 4) Press ENTER to confirm it.
If "ON" option is selected, the machine show a screen saver while it stands by .

- VIDEO

- 1) Press Direction KEY [▼/▲] to choose "VIDEO".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select Video Output Mode.
- 4) Press ENTER to confirm it.
* NOTE: The Output Mode: PC-VGA/S-VIDEO/COMPONENT . Make sure TV and player is connected properly before making these settings. Beware! PC-VGA output mode does not support HD(720p and up) output!The video will become blurred/mosaics.

- RESOLUTION

- 1) Press Direction KEY [▼/▲] to choose "RESOLUTION".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select resolution Mode.
- 4) Press ENTER to confirm it.
* NOTE: The Resolution Output Mode: 480i/720p/1080i/1080p. Please make sure your TV supports the resolutions before making setting changes.

- TV TYPE

- 1) Press Direction KEY [▼/▲] to choose "TV TYPE".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select TV TYPE.
- 4) Press ENTER to confirm it.
* NOTE: TV TYPE: 4:3PS, 4:3LB or 16:9. Some discs cannot be played if that disc was not recording in the same format.

- PASSWORD

- 1) Press Direction KEY [▼/▲] to choose "PASSWORD".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press the Numeric KEY to input new password if necessary .
- 4) Press ENTER to confirm it.
* NOTE: The password should be four numbers. The default password is "0000".

- RATING

- 1) Press Direction KEY [▼/▲] to choose "RATING".
- 2) Press Direction KEY [►] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the "RATING"if necessary.
- 4) Press ENTER to confirm it.
* NOTE: "RATING" can be set only in UNLOCK PASSWORD state. This function should be supported by the DISC.

Basic Operation

LANGUAGE SETUP

Unload the Disc then:

Press SETUP KEY to open the Setup MENU.

Press Direction KEY [◀/▶] to select the "LANGUAGE SETUP". The Sub-MENU:

OSD LANGUAGE
AUDIO LANGUAGE
SUBTITLE LANGUAGE
MENU LANGUAGE

● OSD LANGUAGE

- 1) Press Direction KEY [▼/▲] to choose "OSD LANGUAGE".
- 2) Press Direction KEY [▶] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the language .
- 4) Press ENTER to confirm.

● AUDIO LANGUAGE

- 1) Press Direction KEY [▼/▲] to choose "AUDIO LANGUAGE".
- 2) Press Direction KEY [▶] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the Language [CHINESE, ENGLISH, JAPANESE, FRENCH , SPANISH...] .
- 4) Press ENTER to confirm.

● SUBTITLE LANGUAGE

- 1) Press Direction KEY [▼/▲] to choose "SUBTITLE LANGUAGE".
- 2) Press Direction KEY [▶] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the Language [CHINESE, ENGLISH, JAPANESE, FRENCH , SPANISH...] .
- 4) Press ENTER to confirm.

● MENU LANGUAGE

- 1) Press Direction KEY [▼/▲] to choose "MENU LANGUAGE".
- 2) Press Direction KEY [▶] to show Sub-MENU.
- 3) Press Direction KEY [▼/▲] to select the Language [CHINESE, ENGLISH, JAPANESE, FRENCH , SPANISH...] .
- 4) Press ENTER to confirm.

*NOTE: AUDIO LANGUAGE, SUBTITLE LANGUAGE, and MENU LANGUAGE should be supported by a DISC function.



AUDIO SETUP

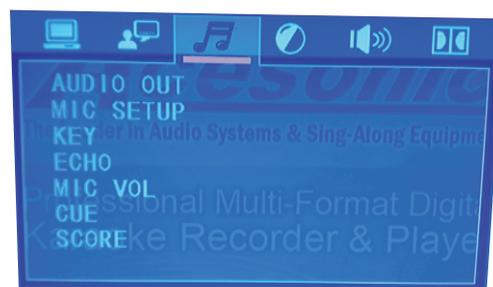
Unload the Disc then:

Press SETUP KEY to open the Setup MENU.

Press Direction KEY [◀/▶] to select "AUDIO SETUP".

The Sub-MENU contains:

AUDIO OUTPUT (SDIF-OFF/RAW/PCM)
MIC SETTING
KEY
ECHO
MIC VOL
CUE
SCORE



AUDIO OUT (DIGITAL) - SPDIF OFF / SPDIF RAW / SPDIF PGM

MIC SETTING - AUTO/OFF

KEY - Music tune settings

ECHO - Microphone echo level from 0~8

MIC VOL - Microphone volume setting from 0~8

CUE - Cue switching the mode between Karaoke and DVD. In Karaoke mode, the player will be paused after one track has finished playing. In DVD mode, all tracks will be played continually. * Karaoke mode= Cue on, DVD mode= Cue off.

SCORE - ON/OFF

1. Turn on the scoring function from the menu above

2. When singing with the scoring function, the SCORE shows on the screen. At the end of the song, a score will be displayed based on the level of performance.

3. This function is only supported in CDG disc mode. Any other file format like VCD, DVD, or MP3G etc will not work even if the function is activated.

VIDEO SETUP

Unload the Disc then:

Press SETUP KEY to open the Setup MENU.

Press Direction KEY [◀/▶] to select the VIDEO SETUP .

The Sub-MENU:

- BRIGHTNESS - Select from level 0 ~12
- CONTRAST - Select from level 0~12
- HUE - Select from level -6~+6
- SATURATION - Select from level 0~12
- SHARPNESS - Select from level 0~8



SPEAKER SETUP

Unload the Disc then:

Press SETUP KEY to open the Setup MENU.

Press Direction KEY [◀/▶] to select the SPEAKER SETUP .

The Sub-MENU:

- DOWN MIX - Select from LT/RT,STERO,VSS & 5.1CH
- SUBWOOFER - ON/OFF
- CENTER DELAY - Select from 0,2 & 4ms
- REAR DELAY - Select from ,6,12ms
- FRONT - Select from LARGE and SMALL



DIGITAL SETUP

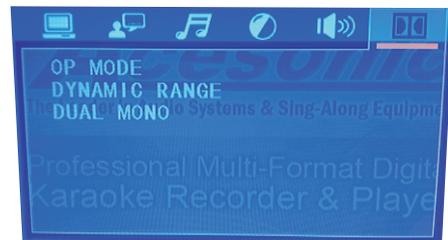
Unload the Disc then:

Press SETUP KEY to open the Setup MENU.

Press Direction KEY [◀/▶] to select the SPEAKER SETUP .

The Sub-MENU:

- OP MODE - Select from LINE OUT & RF REMO
- DYNAMIC RANGE - Select from FULL,6/8,4/8,2/8 & OFF)
- DUAL MONO - Select from STEREO, MONO L/R & MIX MONO



BASIC RECORDING OPERATION FOR MP3+G

WHAT IS MP3+G

An MP3+G file is a karaoke-based file format that consists of two parts, an audio file in MP3 format and a graphics file that displays on-screen lyrics. These two files combined are called an MP3+G file. An MP3+G file will occupy about the same disc space required for a standard CD+G track.

The recording function on this player offers two applications.

1. Record your vocal performance in MP3 (CD, VCD) or MP3+G(CDG,MP3G) format and share with your friends.
2. Transfer your existing CDG's to MP3+G format.

RECORDING A PERFORMANCE:

With a memory card already inserted, allow the this player to play a CDG in disc mode. You should hear audio and see graphics on your screen. (During this time, you will want to make any special changes that you want, (echo, key change, etc.....)

Next, simply press the "record" button on the player or the remote control. The player will re-start the song from the beginning with your users settings applied. There will be a record percentage symbol in the upper left corner of the screen letting you know the recording status. Now you can begin singing and the player will record your performance.

After you have recorded a track and with your memory card inserted, press the PLAYBACK button on the remote. A window will open displaying all files that are on the memory card and the machine will automatically select the last file you recorded for playback. The song should play, displaying all recorded graphic files on the screen. If you used MP3+G or CDG formats while recording. If using other formats like MP3, CD or VCD file to record your performance, only audio(music plus vocal) will record and not video.

CDG DISC RIPPING TO MP3+G FILES:

This player can also be used to transfer CDG to an MP3+G format. An MP3+G file only occupies about one eighth of the required space for a CDG. This is great way to back up your CDG's and protect your investment. Storing files as MP3+G gives you more options with your music. For karaoke jockeys and people that frequent karaoke venues, you can now leave your CDGs at home and travel with just your USB flash drive instead.

1. In disc mode, insert the CDG disc that you would like to rip. Make your sure your desired memory card or USB drive is also inserted.
2. Allow the disc to play. Press DISC RIPPING button on the remote while the disc is playing.
3. Choose options on the "RIP CD" screen then select the ripping speed between 1x (real time) and 4x. You can also select the Mp3 compression rate (bigger number, better sound quality, but also bigger file size, page 10).



BASIC RECORDING OPERATION FOR MP3+G

4. Next, choose "TRACKS" on the "RIP CD" screen, to select one or few or all tracks which you desire to transfer to MP3+G format.

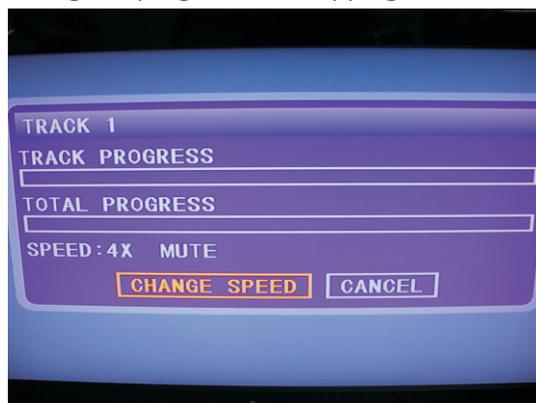
Click here if you want to check/uncheck all tracks



5. Go to "START" on the "RIP CD" screen, you will see the ripping information. To start the ripping process, press ENTER.



Two status bars will appear showing the progress while ripping.



6. After ripping has finished, select QUIT to leave the window and go back to machine playback mode.

7. Ripped files will be stored in a folder named "RIPPING_XX(XX= number)" in your SD card or USB storage device.

Advanced Operations

Create Song List:

1. In the Disc/USB/SD Card mode, you can have a create your own song list from current MP3/MP3G songs in the disc/USB/SD Card. Press CREATE SONG LIST on the remote to start the process.
2. A song list will be created in a text file format and stored into either SD card or USB drive.
3. In the song list, the system will automatically assign a song number for each song. If the file has been deleted or added into the disc/USB/SD card, the previous song number might not work for all songs anymore. We strongly recommend recreating the SONG LIST again to update the song list.
4. With "sort song by song number" and "sort song by title" functions. This song list will be the database for song searching. Also, you can use this text file to print out your own song book from the PC.

Switch Between Two File Viewers (GUI SWITCH)

In the USB or SD card mode, there are two file viewers that you can choose. With the first one, you can see all the songs listed on the screen. With the second, you can see two windows on the screen – in the left window see all folders are listed, and in the right window all the songs in the selected folder are listed. You can only switch folders in Window 2 mode.



Window# 1



Window# 2

Song Searching:

Searching by numbers: You can search songs by inputting song number in USB/SD CARD mode after you create the song list file (see Page6, #43 for more detail)



Step by step:

1. Insert an SD card/USB drive into machine, and select the SD card/USB mode accordingly.
2. The machine will spend some time to load the content.
3. Once it has finished loading, press the CREATE SONG LIST button on the remote. You only need to do this step once when using in a new SD card/USB drive unless the content in the SD card/USB has been changed. As long as the song list file has been created and no content has been changed, you can skip this step.
4. Use NUMBER INDEX and NUMBER KEYS on the remote to search song by numbers
5. Press ENTER to start playing the desired song or press PROG to insert song into the waiting list (only works in Song listing mode, see below for more detail).

Searching by name:

You can search songs by inputting a song name in USB/SD CARD mode after you create the song list file (see Page6, #43 for more detail)



Step by step:

1. Insert an SD card/USB drive into machine, and select the SD card/ USB mode accordingly.
2. The machine will spend some time loading the content.
3. Once it has finished loading, press the CREATE SONG LIST button on the remote. You only need to do this step once when you put in a new SD card/USB drive unless the content in the SD card/ USB has been changed. As long as the song list file has been created and no content has been changed, you can skip this step.
4. Use NAME INDEX and NUMBER KEYS on the remote to search song by name.
5. Press ENTER to start playing the desired song or press PROG to insert song in the waiting list (only work in Song listing mode, see below for more detail).

Programming the Playlist (only work in Window mode #1)

1. In USB/SD CARD mode, you can have a programmable song playlist. First, you need to press GUI SWITCH to switch window mode #1.



2. To add songs into the playlist, you can search for songs by either number or by title. After you find the song you want, press PROG on the Remote to add the song into the PLAYLIST
3. Exit song searching window and go back to window mode #1, then press PROG on the Remote to enter the Playlist window (see below)



4. Press PLAY on the Remote to start playing songs in the Playlist
5. To leave the PLAYLIST screen, press PROG button on the Remote while the PLAYLIST screen is open.

* The PLAYLIST will be erased after turning the player power off.

* Songs in the PLAYLIST won't disappear after the song plays.

Troubleshooting

Incorrect user operations are often mistaken for hardware/software problems and system malfunctions. If you suspect that something is wrong with the unit, check the comprehensive Troubleshooting Chart shown below, as sometimes the problems lie within other audio components and their individual settings. Remember to troubleshoot your other connected components and any other electrical/electronic devices that you are using in concert with the UMP-300.

	Symptom	Possible Causes
Reset to factory settings	Resetting the unit might solve more than 90% of all problems, try the steps below then reset the unit.	Press the SETUP button on the remote control and then choose SYSTEM SETUP->DEFAULT->RESTORE then press ENTER button. Your player is now set at it's original factory settings.
Operation	1. The disc automatically ejects back out even when the disc tray is closed.	* The disc is dirty or warped * The disc is not placed properly on the disc table * Region No. does not conform with the unit
	2. Cannot execute playback.	* Condensation has formed inside the player
	3. Picture disturbance during playback.	* This player is compatible with Macro-Vision System copy guard. Some discs include a copy prevention signal, and when this type of disc is played back, stripes etc., may appear on some sections of the picture depending on the TV. (This is not a malfunction.)
	4. When recorded on a VCR there is disturbance in the playback picture.	* This player is compatible with analog copy protect technology copy guard. Some discs include a copy prevention signal and the copy guard system will prevent proper playback.
	5. When STOP icon appears on screen.	* The selected function does not operate for that disc.
	6. Video playback stops and the operation button can not be used.	* First stop the disc, then start playback again.
Remote Control	7. Remote is not functioning.	* The remote control is too far from the player, or the angle with the remote sensor is too sharp. * The batteries are exhausted (dead). * The batteries are positioned incorrectly in the remote. * There is an object between the remote sensor or player.
	8. Improper operation of TV set, etc., occurs	* Some TVs that have wireless remote control functions and may not operate properly with this remote control.
Audio	9. No audio or distorted sound.	* Digital signal is prohibited for some discs. * The connection plugs are not inserted all the way into the terminals or are not connected. * The connection plug or terminal is dirty. * Audio cable connection is incorrect. * Connection is made to the stereo amplifier's PHONO input terminal. * The pause mode is engaged. * Stereo amplifier operation is wrong. * Check input (CD, AUX etc.) selector.
	10. Noticeable difference in DVD and CD volume.	* Although you may notice a difference in volume between CDs and DVDs, this is the result of a difference in disc recording methods.

***Caution**

Abnormal activity of the unit can be caused by static electricity, or other external interference. To restore normal operation, unplug the AC power cord and plug it in again.

Troubleshooting

	Symptom	Possible Causes
Karaoke Operations	11. There's no sound from the microphone	* Only HDMI & RCA mix output will support Karaoke Output. See page 6 * You need to adjust the volume of microphone.
	12. There's feedback and screeching	* The microphones are too close to the speakers.
Video	13. Screen is black & white, wavy, or contains static.	* Use the P/N button from remote to switch between NTSC and PAL. Press P/N then ENTER.
USB or SD card devices	14. The unit cannot read the devices.	* There are more than 200 files on the devices.
		* The device is not formatted to FAT32.
		* The device requires an external power source to power on.
Recording performance	15. Function does not work	* Need to play the song first, then press the REC button on the remote or front panel.
	16. No voice after playback	* Didn't turn on the volume of microphone while recording
Convert CDG discs to MP3 files to USB/SD card	17. No graphic	* Only support CDG format.
	18. Cannot record	* The unit only supports recording from CDG, MP3G discs and only records audio from VCD discs.
HD video output	19. Video display not normal.	*By law, VGA output mode can't support high definition video output. If you select VGA output and choose 720p or higher resolution, the Video signal will become blurred or mosaics from ALL output, including , HDMI, RCA etc. So please DO NOT use VGA output mode if you desire high definition resolution output (720p & up).
	20. Saving high resolution setting.	*To prevent accidental changes to HD resolutions your TV does not support, you will be prompted if you would like to save the selected resolution and use it after the player has been reboot. The resolution will be reset to 480p standard video output if you opted not to save. Simply turn the player off and power back on and wait for 10~15 seconds if you accidentally changed your video resolution setting causing no video to appear on your TV. The resolution will be reset to 480p standard video output.

Safety Warnings and Precautions

10. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquids have been spilled or objects introduced into the enclosure, the device has been exposed to rain or moisture, the product does not operate normally or it has been dropped.
11. Never push objects of any kind into this product, through jacks or other openings, as they may contact dangerous voltage points or short-circuit components, thus causing fire or electrical shock.
12. This product should be operated only from the type of power source indicated on the product label and in this User Manual. If you are not sure of the type of power supplied to your home, consult your product dealer or local utility.
13. An outside antenna system should not be located in close proximity to overhead power lines, or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, be extremely careful not to touch such power lines or circuits, as contact with them could be fatal.
14. Do not overload wall outlets or extension cord as this can increase the risk of fire, power outages or electrical shock.

15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or with the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
16. Following any servicing or repair of this product, ask the service technician to perform the appropriate safety checks to ensure the product is in proper operating condition.
17. The product should not be mounted to walls or ceilings except as recommended by manufacturer, with mounting hardware approved by manufacturer.
18. If your product is not operating correctly or exhibits a marked change in performance, and you are unable to restore normal operation by following procedures in this User Manual, do not attempt to service it yourself. Opening the enclosure may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Note: With the proper care and maintenance, your UMP-300 will give you years of dependable, enjoyable use. Make sure you are using proper power sources and good cables at all times.

Note: Any alterations or user repairs performed on the device voids your warranty.

Information

SPECIFICATIONS

Power Source	100V-240V~, 50/60Hz
Power Consumption	≤ 25W
Video	HDMI(720p/1080i/1080p),Component (Y, Cb, Cr), Composite Video, Choice of Screen Ratio (16:9/4:3), PAL/NTSC Disc Compatible, Progressive Scan (500-p)
Audio	Output level: 0Vrms~1.5Vrms DA Converter: 24 bit, Frequency Response: DVD (PCM 96Khz): 2~44Khz(+/- 0.5 dB) S/N ratio: 100 dB (DVD), above 98dB (CD), Total Harmonic Distortion: 0.003%
Operating Temp	+5~+38 deg., 10%~75% (humidity)
Multimedia Source	MP3+G,CD+G,AVI, CD, VCD, MPEG, JPG
Interface	USB 2.0 Port for MP3/JPEG/ AVI playbacks and JPEG viewing.
Weight	
Dimensions	____(W) X ____ (D) X ____ (H)mm