Acesonic

Karaoke on Demand Jukebox
With Disc Capturing

KOD-800

USER MANUAL

KOD-800

OPEN/CLOSE VOL 1 1 MIC 2 VOL 2 PLAY

STOP FREV NEXT PAUSE
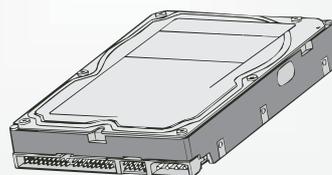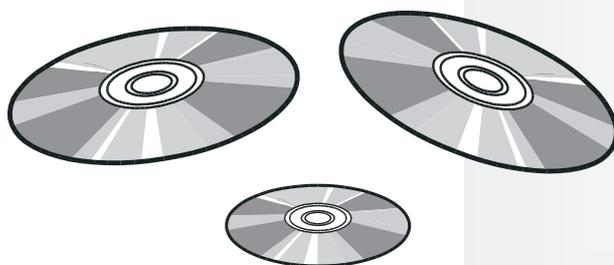
www.acesonic.com

Table of Contents

Warnings, Cautions and Others
Mises en garde, precautions et indications diverses

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC
SHOCK.
DO NOT REMOVE COVER (OR BACK).

The lightning flash with arrowhead symbol, within an
equilateral triangle is intended to alert the user to the
presence of uninsulated <u>dangerous voltage</u> within the
product's enclosure that may be of sufficient magnitude to
constitute a risk of electric shock to persons.

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.

CAUTION
To reduce the risk of electrical shocks, fire, etc:
1.Do not remove screws, screws, covers or cabinet.
2.Do not expose this appliance to rain or moisture.

FCC INFORMATION (U.S.A.)

1.This equipment has been tested and found to
comply with the limits for a Class B digital device,
pursuant to part 15 of the FCC Rules. These limits
are designed to provide reasonable protection
against harmful interference in a residential
installation.
This equipment generates, uses and can radiate
radio frequency energy and, if not installed and
used in accordance with the instructions, may
cause harmful interference to radio
communications. However, there is no guarantee
that interference will not occur in a particular
installation. If this equipment does cause harmful
interference to radio or television reception, which
can be determined by turning the equipment off
and on, the user is encouraged to try to correct the
interference by one or more of the following
measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment
and receiver.
Connect the equipment into an outlet on a circuit
different from that to which the receiver is
connected. Consult the dealer or an experienced
radio/TV technician for help.

2.**IMPORTANT:** When connecting this product to
accessories and/or another product use only high
quality shielded cables. Cable(s) supplied with
this product MUST be used. Follow all installation
instructions. Failure to follow instructions could
void your FCC authorization to use product in the
U. S. A.

For Canada/Pour le Canada
CAUTION: TO PREVENT ELECTRIC SHOCK,
MATCH WIDE BLADE OF PLUG TO WIDE
SLOT,AND FULLY INSERT.
ATTENTION: POUR EVITER LES CHOCS
ELECTRIQUES, INTRODUIRE LA LAME LA PLUS
LARGE DE LA FICHE DANS LA BORNE
CORRESPONDANTE DE LA PRISE ET POUSSER
JUSQUAU FOND.

For Canada/Pour le Canada
THIS DIGITAL APPARATUS DOES NOT EXCEED
THE CLASS B LIMITS FOR RADIO NOISE
EMISSIONS FORM DIGITAL APPARATUS AS SET
OUT IN THE INTERFERENCE-CAUSING
EQUIPMENT STANDARD ENTITLED   DIGITAL
APPARATUS, ICES-003 OF THE DEPARTMENT OF
COMMUNICATIONS. CET APPAREIL NUMERIQUE
RESPECTE LES LIMITES DE BRUITS RADIO
ELECTRIQUES APPLICABLES AUX APPAREILS
NUMERIQUES DE CLASSE B PRESCRITES DANS
LA NORMESUR LE MATERIEL BROUILLEUR:
APPAREILS NUMERIQUES , NMB-003 EDICTEE
PAR LE MINISTRE DES COMMUNICATIONS.

Caution
Disconnect the electrical plug to shut off power
completely. The POWER on the unit is not off from the
electrical plug when the POWER button on the front
panel is not pressed in.

IMPORTANT FOR LASER PODUCTS

1. CLASS1 LASER PRODUCT
2. DANGER: Visible laser radiation when open and
   interlock failed or defeated. Avoid direct exposure to
   beam.
3. **CATION:** Do not open the top cover. There are no
   user service able parts inside the unit. Leave all
   servicing to qualified service personnel.
4. **REPRODUCTION OF LABEL:** CAUTION LABEL,
   PLACED INSIDE THE UNIT.

Important Safety Instructions

1. **Read** These Instructions.

2. **Keep** These Instructions.

3. **Heed** All Warnings.

4. **Follow** All Instructions.

5. **Do** not use this product near water.

6. **Clean** only with dry cloth.

7. **Do** not block any ventilation openings.

8. **Do** not install near any heat sources such as radiators, heat register, 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 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 and 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-cover.

13. **Unplug** this apparatus during lightning storms or unused for long period 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. **This** product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

16. **Protective Attachment Plug**
The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

17. **Power Lines**
An outside antenna system should not be located in the vicinity of 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, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

18. **Overloading**
Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

19. **Object and Liquid Entry**
Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

20. **Replacement Parts**
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

21. **Safety Check**
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
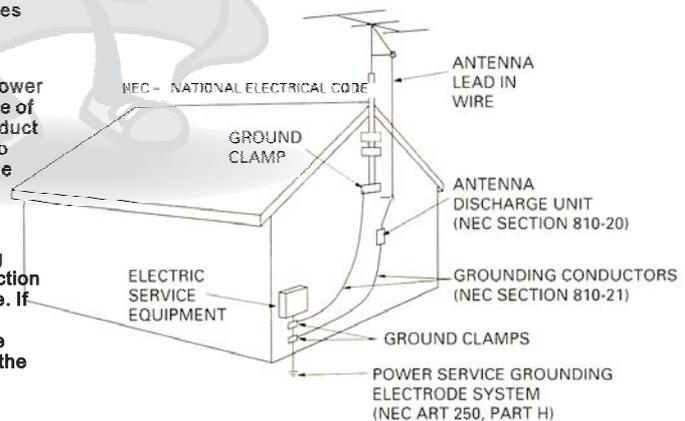
22. **Wall or Ceiling Mounting**
The product should be mounted to a wall or ceiling only as recommended by the manufacturer. Any mounting of the product should follow the manufacturer instructions, and should use a mounting accessory recommended by the manufacturer.

23. **Wet location marking**
Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

24. **Outdoor Antenna Grounding**
If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.

NEC – NATIONAL ELECTRICAL CODE

ANTENNA LEAD IN WIRE

GROUND CLAMP

ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)

GROUNDING CONDUCTORS (NEC SECTION 810-21)

ELECTRIC SERVICE EQUIPMENT

GROUND CLAMPS

POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

BEFORE OPERATION

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

*RCA Audio/Video Cable (Yellow/Red/White)
*Full Function Remote Control
*Guest Remote Control
*User's Manual
*Rack-mount kit
*Warranty Card

About this manual

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

Precautions
Notes on Power Cord
*Unplug the unit from the wall outlet if you are gone for a long period of time.
*When you are removing the player from the wall outlet, always pull the plug, not the cord.
*Do NOT unplug the power cord with a wet hand.

Avoid High Temperatures
*Do not expose the player to direct sunlight or near any heating device.

Notes on Installation
*Select a place where the unit will be level, dry and not too cold or too hot.
*Do not use the unit on it's side or where vibrations are present. (e.g. Subwoofer)
*Leave sufficient distance between the TV and unit.
*Do not leave heavy objects on top of unit.

Prevent Malfunction of Unit
*This unit is not user-serviceable. If the unit no longer functions, unplug from it wall outlet and contact the manufacture.

Playable & Recordable Media
This unit supports the following formats:
-DVD, Video CD, Video CD 2.0
-CD+Graphics, Audio CD
-Mp3, WMA, JPEG, MPEG
Above media is playable on the following type of discs:
-DVD±R, DVD±RW, DVD±R DL，DVD± DL
-CD-R，CD-RW
The following media can be recorded to the discs above:
CD+G, Video CD, CD-Audio.

Note
-Any disc that is not listed, will cause the player to display NO DISC in the DISPLAY WINDOW. Future media and disc formats maybe be supported with firmware upgrade, when available.
-Dirty, scratched, warped or defective discs may cause a considerable time delay during the loading and reading of te disc. In extreme cases, this may render the disc completely unreadable by the player.

Video Signal Formats
This player also accommodates NTSC and PAL color systems, with automatic detection and override settings.

Digital Audio Formats
This player accommodates 5.1 Channels while playing DVD.

Note
-Depending on the AUDIO SETUP> SPDIF settings digital audio signals may not be output as they are recorded on the disc.
-On some DVD's, the player starts playback automatically after inserting the disc, regardless whether or not PLAY BACK CONTROL is on or off.
-The images that are poor, noisy or grainy are due to actual defects on the disc itself.
-Some functions may not be possible on all discs as described in this manual.

Handling and Cleaning of Discs

Handling
-At anytime, 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 maybe render the disc unreadable.
-Store discs in a clean and dry environment. Storing CD's 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

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.

FEATURE

ALL IN ONE KARAOKE PLAYER
-Karaoke on demand jukebox
-DVD/VCD player with digital outputs
-Karaoke pitch adjustment
-Audio mixing function

MULTI-FUNCTION
-Integration of DVD and karaoke functions in a single unit
-Compatible with MPEGI, MPGII, CD+G
-Compatible with DVD, CD+G, VCD, CD, MP3, JPEG pictures, CD R/RW, DVD R/RW disc
-Record CD+G, VCD and Audio CD into built-in hard drive

EASY TO USE KARAOKE FUNCTIONS
-Efficient song ordering through on screen display even without songbooks
-Up to 80 songs could be added to the song list
-Searching songs by song name or artist
-Easy to add or delete songs using remote control

EFFICIENT PLAYBACK FUNCTIONS
-Random play of all songs stored in the hard disc
-Play reserved songs repeatedly by pushing one button
-Quick access to favorite songs with "my favorite" feature

OUTSTANDING AUDIO/VIDEO PERFORMANCE
-Built-in 5.1 Channel decoder and optical/coaxial digital output allows the high quality sound effects.
-High quality MPEGII audio and video coding technology produce more than 500 lines horizontal resolution.
-Built-in microphone mixer and echo control transmits desired sound effects

VARIOUS STANDBY MODES
Useful commercial use of standby modes such as advertising, screen saver and random play. Also support commercial jukebox with billy feature. Sold separately.

MULTILINGUAL
Support (Chinese/English) on menu navigation and (Chinese/English/Japanese) lyrics

FULLY FUNCTIONAL REMOTE
Full-function, large-keys, glow-in-dark karaoke remote control

HIGH COMPATIBILITY HARD DISK
Unlimited storage and upgrade by optional plug & plays high capacity hard disk
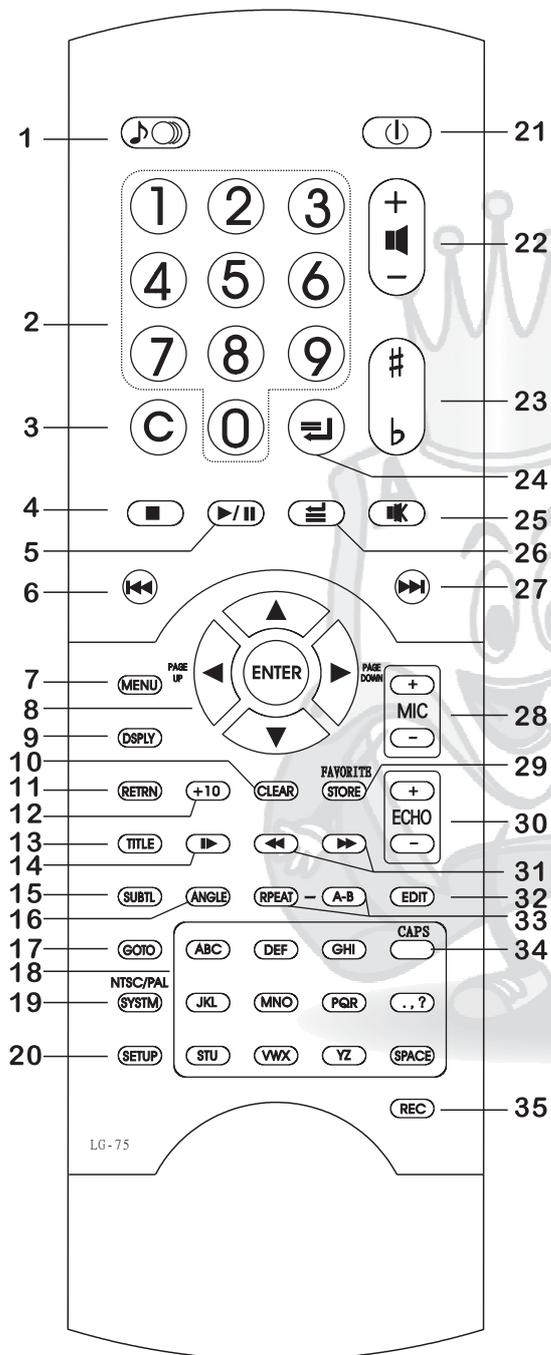
MULTI-VOLTAGE POWER SUPPLY
This unit can operate on 100-240 voltages.

ELECTRICITY SAVING
On-screen protection along with hard disk electricity saving feature to extend service life.

FULL FUNCTION REMOTE CONTROL

DESCRIPTION: Full function remote control has record/edit/delete song functions.

1)VOCAL GUIDE
2)KEYPAD
3)CLEAN /DELETE
4)STOP
5)PLAY/PAUSE
6)BACK
7)MENU
8)ENTER
9)DISPLAY
10)CLEAR
11)RETURN
12)TENS DIGIT
13)TITLE
14)SLOW MOTION
15)SUBTITLE
16)ANGLE
17)GOTO
18)LETTER INPUT
19)TV SYSTEM
20)SETUP
21)ON/OFF
22)MUSIC VOLUME
23)KEY CHANGER
24)ADD TO BOTTOM QUEUE
25)MUTE
26)INSERT TO TOP QUEUE
27)NEXT
28)MIC VOLUME
29)STORE TO FAVORITE
30)ECHO CONTROL
31)FAST FORWARD/ REVERSE
32)EDIT
33)A-B/REPEAT
34)CAPS
35)RECORD

LG-75

NOTE:

1) Insert AA batteries by matching the + and - ends on the batteries to the correct position in the slot.
2) When using the remote, point it at the remote sensor within effective transmission range. (Up to seven meters and sixty degree)
3) If the remote is not used for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

SECONDARY/GUEST REMOTE CONTROL

DESCRIPTION: This remote is for guest use. It can't not record/delete songs or change setting.
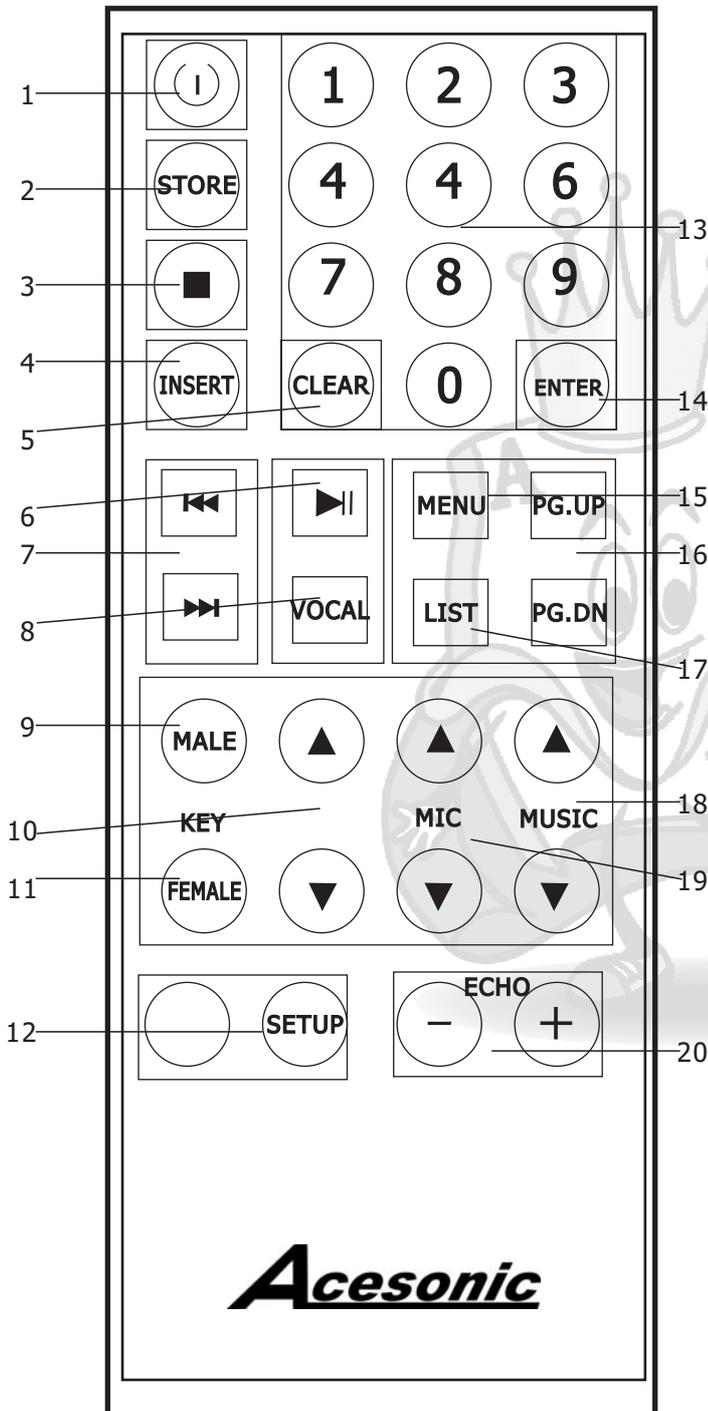
1) POWER ON/OFF
2) SAVE SONGS INTO "MY FAVORITES" FOLDER
3) STOP
4) INSERT SONG TO SONG QUEUE.
   YOU CAN INSERT BY THE SONG NUMBER, CATALOG OR " MY FAVORITES"
5) CLEAR WHAT YOU INPUT
6) PAUSE AND PLAY
7) FAST FORWARD OR FAST BACKWARD
8) GUIDE VOCAL
9) MALE KEY CHANGER*
10) KEY CONTROLLER
11) FEMALE KEY CHANGER*
12) SETUP
13) NUMBER KEYS
14) ENTER
15) MENU
16) PAGE UP/DOWN KEY
17) DISPLAYS SONG QUEUE
18) MUSIC VOLUME
19) MIC. VOLUME
20) ECHO EFFECT

*Will only work when song has appropriates setting.

FRONT/REAR PANEL VIEW

1) STANDBY INDICATOR
2) LED DISPLAY WINDOW
3) DISC TRAY
4) OPEN/CLOSE
5) MIC. 1 VOLUME
6) MIC. 1 INPUT
7) MIC. 2 VOLUME
8) MIC. 2 INPUT
9) PLAY
10) ON/OFF
11) STOP
12) PREVIOUS
13) NEXT
14) PAUSE
15) PORTABLE HARD DISK TRAY

16) MIC. 3
17) 5.1 CHANNEL AUDIO OUTPUT
   LEFT: CONNECT TO FRONT LEFT SPEAKER
   RIGHT -CONNECT TO FRONT RIGHT SPEAKER
   SL-CONNECT TO SURROUND LEFT SPEAKER
   SR-CONNECT TO SURROUND RIGHT SPEAKER
   CENTER-CONNECT TO CENTER SPEAKER
   SW-CONNECT TO SUBWOOFER SPEAKER
18) VIDEO OUT - COMPONENT
19) DIGITAL AUDIO OUT - COAXIAL
20) VIDEO OUT - RCA
21) VIDEO OUT - S-VIDEO
22) DIGITAL AUDIO OUT - OPTICAL
23) RS-232 PORT- ONLY SUPPORT ACESONIC
   COMMERCIAL KARAOKE JUKEBOX WITH
   BILLING FEATURE. SOLD SEPARATELY.

LED INDICATOR

Disc format: SVCD DVD PBC MP3
Current TV system settings NTSC/PAL
System playback mode- DVD/KARAOKE
Current playback time

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INSTALLATION

1) Turn of all power before installation.

2) S-Video, RCA or Component can be used for video out. Used Component cables for best
   picture quality.

3) SPDIF (coaxial/optical) or RCA can be used for audio out.
   *Optical audio output may not work with some karaoke features.

4) Check to see if your TV is PAL or NTSC. Use main function remote to set player to the same
   format or you can set it to auto.

5) If you have a wide screen TV, set the TV type to 16:9. Traditional TV are set to 4:3 LB or 4:3
   PN.

TV CONNECTION

- When you connect the component with
  the following Diagram, set Digital Out
  to "ANALOG"

- You can select either S-VIDEO or Y Cr Cb
  or Video connector codes.
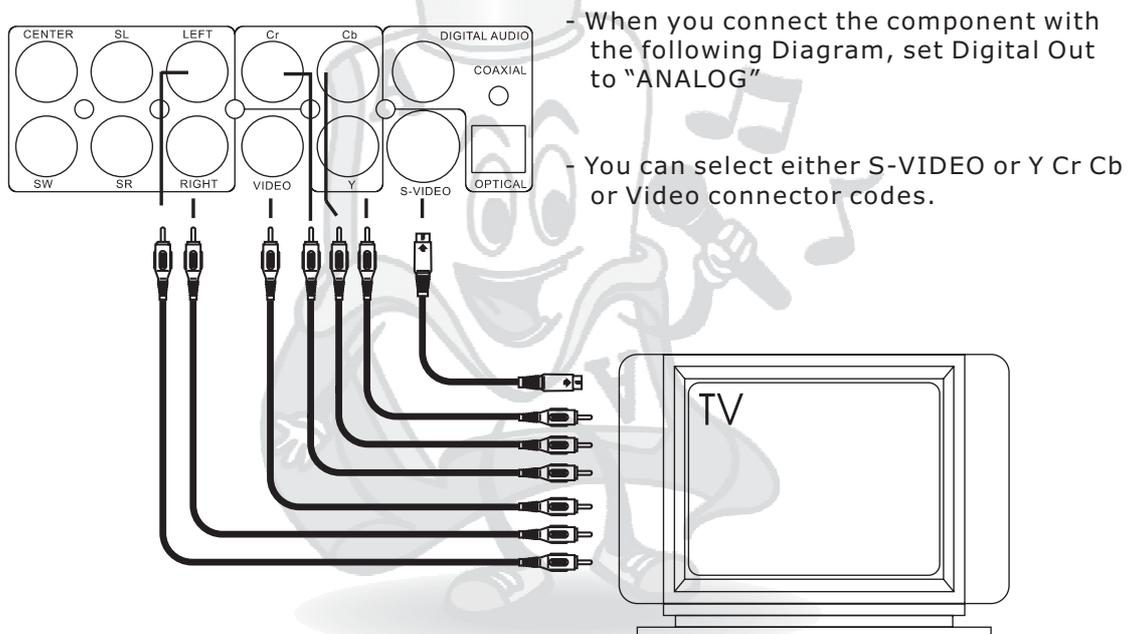
1) Connect from the player video out to the TV video in using RCA, S-Vide or Component.

2) Connect from the player audio out to the TV audio in using RCA or SPDIF (coaxial/opitcial)

*Some karaoke sound feature might be disabled when you are using optical out.

AMPLIFIER INSTALLATION

AMPLIFIER (STEREO) CONNECTION
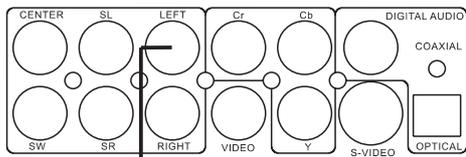
When you connect the player with the following Diagram set "Digital Out" to "ANALOG".
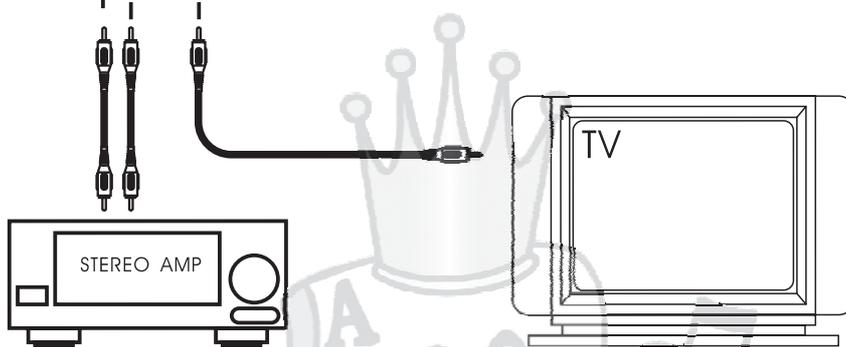
AMPLIFIER (AC3/DTS DECODER) CONNECTION
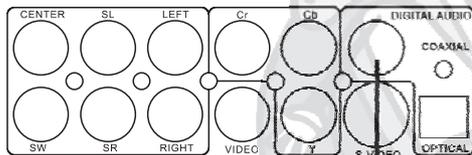
- When you connect the player with the following diagram, set "Digital Out" to "SPDIF/RAW".

- If your amplifier does not have built-in AC3/DTS decoder, set "Digital Out" to "SPDIF/PCM".

- You can select either Optical or Coaxial to connect the player.

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AMPLIFIER INSTALLATION

AMPLIFIER (5.1 CHANNEL) CONNECTION

When you connect the player with the following
diagram, set "Digital Out" to "Analog".

LEFT: AUDIO OUT FRONT LEFT CONNECTOR
RIGHT: AUDIO OUT FRONT RIGHT CONNECTOR
SL: AUDIO OUT SURROUND LEFT CONNECTOR
SR: AUDIO OUT SURROUND RIGHT CONNECTOR
CENTER: AUDIO OUT CENTER CONNECTOR
SW: SUBWOOFER
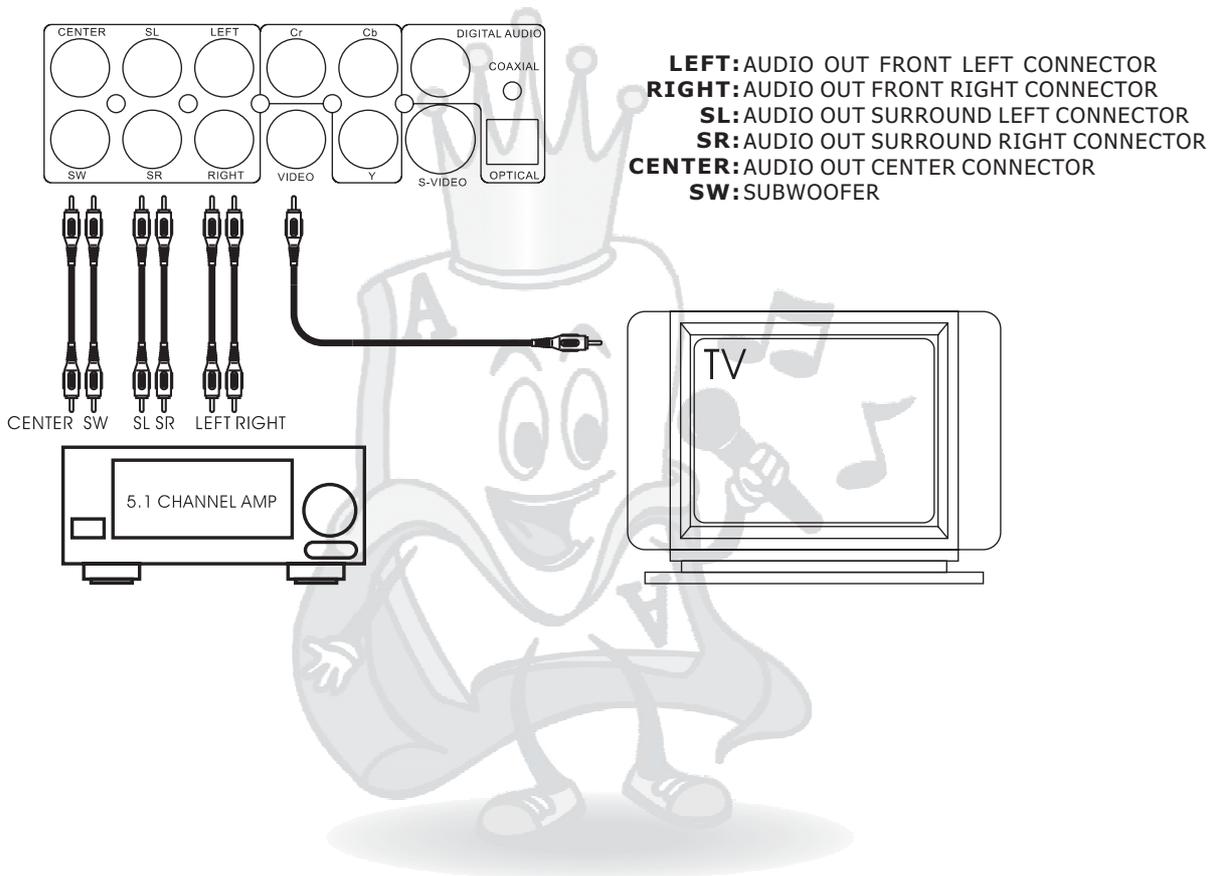
BASIC OPERATION

PLAYING DISCS

1) Connect the power cord into the player and power outlet.
2) Switch the power button on the rear panel to the "ON" position.
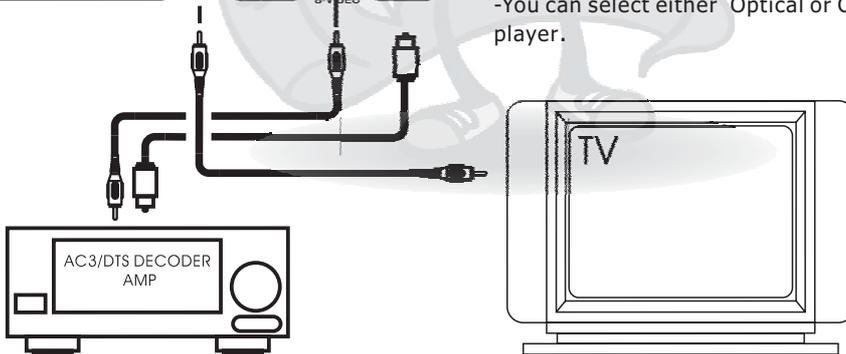
ON
OFF
POWER

3) Press the power button on the front panel to turn on the player.

It takes about 1-2 minutes to load the song database before the machine is ready to use

4) Press ⏏ on the front panel to open the disc tray.
5) Place a disc on the disc tray with the disc's label side facing up.
6) Press ▶ on the front panel to start Playback.
7) Press ■ to end the playback.
8) Remove the disc and turn off the power.

Note:
Press ■ twice to stop playback while playing a DVD disc.

COLOR TV SETUP

Switch the color system (NTSC/PAL) according to your TV.

NTSC/PAL
(SYSTM)

If the color system of the TV is NTSC, press the
NTSC/PAL
(SYSTM) button to set the player to "NTSC". If it is PAL, set the color system to "PAL". If your TV complies with both NTSC and PAL color system, set your TV to "AUTO".

TV COLOR SYSTEM : [NTSC]

PAUSE

▶/❙❙
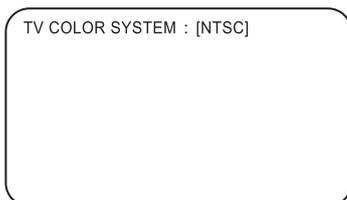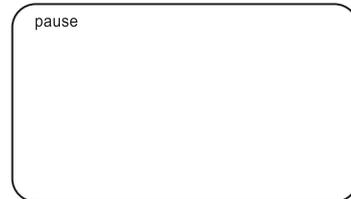
pause

1)Press ▶/❙❙ to pause playback；press it again to resume the playback.
2)If a CD is set on pause mode over 20 minutes, the player automatically stops the disc playback. In order to resume the Playback, press the PLAY button.

DISPLAY

DSPLY

When playing a disc, press (DSPLY) button to show the playback mode on the screen. Press it again to cancel the display.

VOLUME CONTROL

+
◀
−

Use the volume knob on the amplifier or on the TV to adjust audio volume. Press the + button to increase the volume or - button to decrease the volume.

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BASIC OPERATION

USING A DVD MENU

Some DVD discs have title/chapter menu. When the playback starts, a Title/Chapter menu appears on the screen. You can use the numeric buttons or arrow buttons to select the desired title or chapter.

```
MENU
1 ..........        8 ..........
2 ..........        9 ..........
3 ..........       10 ..........
4 ..........       11 ..........
5 ..........       12 ..........
6 ..........      [13 ..........]
7 ..........       14 ..........
```

Ex. Selecting Track 13
1) Press +10 and then 3 buttons.

2) Or move the highlight to Track 13 using arrow buttons and press (ENTER) to select.
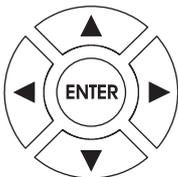
3) Press (RETRN) to return to the previous menu.

4) Press (MENU) to return to the main menu, Press again to return to previous playback position.

5) If the disc has a multilayer menu, you can press (TITLE) to return to the top menu.
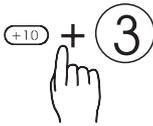
CDG & PBC PLAYBACK

If your CDG or VCD 2.0 disc is programmed with PBC feature, you can access the menu to select.

Ex: Playing VCD 2.0 disc
1) Press (▶/Ⅱ) and wait till the main menu appears on the TV screen.

```
MENU
1 ..........        8 ..........
2 ..........        9 ..........
3 ..........       10 ..........
4 ..........       11 ..........
5 ..........       12 ..........
6 ..........      [13 ..........]
7 ..........       14 ..........
```

2) Use (◄◄) (►►) button to turn the pages if a sub-menu is available.
3) Press numeric buttons to start playback of the desired song.
4) Press (RETRN) to go to the main menu.

PLAYING A TITLE/CHAPTER

1) You can select a desired Title/Chapter from the disc menu or use numeric buttons to directly input the title/chapter number.

2) If the entry number is smaller than 10, press the number directly.

3) If the entry number is bigger than 10, press (+10) and then numeric button for the last digit. In the example, the entry will start playing track 13.

ADVANCED OPERATION

SETTING AUDIO OUTPUT

You can set various audio languages when playing a DVD or SVCD with programmed multilingual feature.

You can select left/right channel audio output or stereo audio output when playing VCD or CD with programmed multi-channel feature.
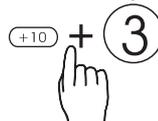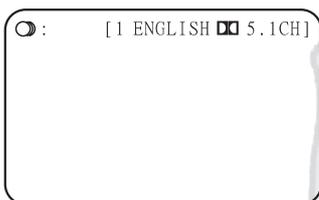
When playing DVD discs, press ♪◯ button then the screen will display:

```
◯:      [1 ENGLISH ▥ 5.1CH]
```

```
◯:      [1 ENGLISH ▥ 2CH]
```

The player outputs an audio language depending on the type of discs.

When playing SVCD discs, press ♪◯ button then the screen will display:

◯:   [1]
◯:   [2]
◯:   [3]
◯:   [4]

When playing VCD and CD discs, press ♪◯ button the screen will display:

AUDIO: LEFT
AUDIO: RIGHT
AUDIO: STEREO

When playing bilingual films, press ♪◯ button to select the desired language.

MUTE

When playing discs, you can silence the sound with this feature.

1)Mute
  In order to silence the audio output of the player, press ◁◊. The word "Mute" will appear the on the screen indicating that it has been mute

2)Resume
  In order to turn the audio back on,press the ◁◊ Button again or the volume control buttons.

FAST FORWARD*

You can locate a particular point on a disc quicky by using fast forward or fast reverse feature.

1)During playback, press ▶▶ to fast-forward the pictures.

2)Each time you press the ▶▶ button; the playback speed will change as follows:

FF x 02 → FF x 04 → FF x 08 → FF x 20 → NORMAL

FAST REVERSE*

1)During the playback, press ◀◀ to fast reverse the pictures.

2)Each time you press the ◀◀ button, the playback speed will change as follows:

FR x 02 → FR x 04 → FR x 08 → FR x 20 → NORMAL

3)When playing CD's, press ▶▶ to enter fast forward mode, press ◀◀ to enter fast reverse mode and press ▶/❚❚ to return to normal mode.

*Fast forward & Fast Reverse do not support CDG playback.

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ADVANCED OPERATION

SLOW SCAN

1) During playback, press ⬛▶ to slow scan the pictures.

2) Each time you press the ⬛▶ button, the playback speed will change as follows:

SLOW 1/2 → SLOW 1/3 → SLOW 1/4 → SLOW 1/5
→ SLOW 1/6 → SLOW 1/7 → NORMAL(normal speed)

3) Press ▶/⏸ to return back to normal mode.

REPEAT PLAY

When playing DVD/VCD discs, you can use this feature to play a specific track/title/chapter/all repeatedly. You can also set specific points to start the repeat play.

1) During playback, each time you press (RPEAT) The TV screen will display:

(RPEAT)
REPEAT: OFF
REPEAT: CHAPTER
REPEAT: TITLE

2) Press (RPEAT) button twice till the screen displays "**REPEAT: OFF**".

3) When playing SVCD and VCD discs, press the (RPEAT) button to switch between "**REPEAT: ONE**" and "**REPEAT: ALL**" mode. "REPEAT: ONE" repeat a single track while "REPEAT: ALL" repeat the whole CD.

4) To play a specific portion repeatedly, press the (A-B) button to set the starting point. When you reach the ending point, press the (A-B) button again to set the ending point.

A-B Repeat can be started at anytime during playback. The disc will play the specified portion repeatedly.

SETTING SUBTITLE

You can press (SUBTL) to set various languages for the on-screen display when playing DVD or SVCD discs.

This function will work only with the discs that are programmed with language selections. Some discs don't have this feature or the language selections.

SETTING ANGLES

With DVD on which various angles for a scene are recorded, you can select the desired angle. The TV screen will display the 📷 icon, then you can press (ANGLE) to change to another angle.

(ANGLE) 📷 [1/3]
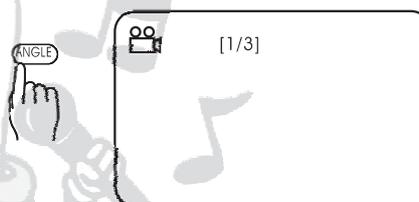
In order to change to other angles, press again to select "2/3" or "3/3".

ADVANCED OPERATION

SEARCH BY TIME

You can enter a specific time and set the player to start from the selected time.

TITLE 02/06 CHAPTER 001/014 00:09:00
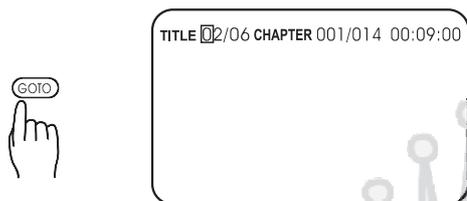
GOTO

Press GOTO , then use the arrow buttons to highlight. Press the numeric buttons to enter the desire chapter/title number and time. Press ENTER to input the information and start playback from the selected time.

When playing SVCD, VCD and CD, you can only select track and time.

PLAYING Mp3

When you load a Mp3 disc, the TV screen will display:

Play CD MP3
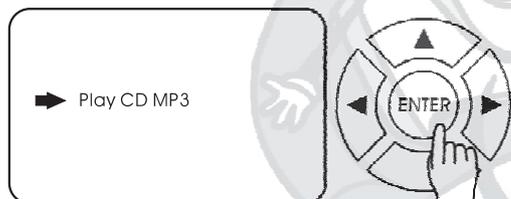
ENTER

Press the ENTER button, then the TV screen will display:
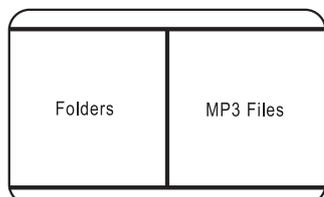
Folders   MP3 Files

Use the arrow buttons on the remote to browse each folder and title of the Mp3 file folders.

PLAYING MULTI FORMAT DISC

When you load a disc with JPG or MPG files, the player will read the disc and display:

Play CD Audio/Video
Play CD MP3
Play CD Photo
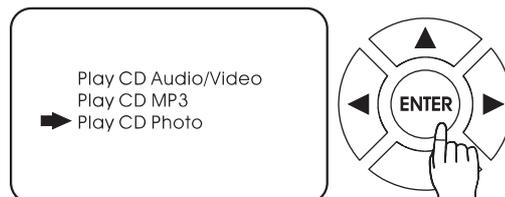
ENTER

Below is what you see when you select "Play CD Photo". You can press ENTER to go to the file directory.

Folders   JPG Files
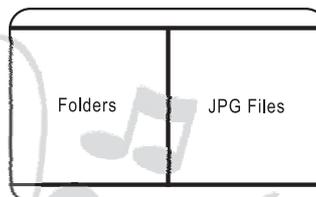
Use the arrow buttons to select the desire file and press ENTER to enlarge the selected picture.

Press ⏮ ⏭ buttons to open the previous or the next file. In order to return to the main menu, press RETRN .

If the files in your disc are MPG format, select PLAY CD AUDIO/VIDEO. After loading the disc, follow the above examples to play the disc.

SETTINGS AND ADJUSTMENTS

In DVD playback mode，you can set the following functions to obtain the best performance．

```
                    MENU
  (SETUP)       SYSTEM SETUP
                LANGUAGE SETUP
                AUDIO SETUP
                SPEAKER SETUP
                DIGITAL SETUP

                EXIT SETUP
```

1) SYSTEM SETUP
The menu is displayed as follows:

```
TV SYSTEM    → NTSC
               PAL 60
               PAL
               AUTO
SCREEN SAVER →  ON
                OFF
     VIDEO   → S-VIDEO
               YUV
               RGB
   TV TYPE   → 4:3 PS
               4:3 LB
               16:9
  PASSWORD   →  ----
   RATINGS   →  NO ADULT
                KID SAFE
                VIEW ALL
   DEFAULT   →  RESTORE
  MAIN PAGE
```

TV SETUP
If the TV color system is NTSC, set the player to "NTSC". If it is PAL, change the color system to "PAL60" or "PAL".

If your TV complies with both NTSC and PAL color system, set your TV to "AUTO".

SCREEN SAVER

The screen will enter sleeping mode when the player is not in use for a period of time.

VIDEO

This player has built-in S-video and component connection. Choose either one to connect the component. If your TV only has an S-video connector, set it to "S-VIDEO" connections. If your TV has a component connector, select "COMPONENT".

TV TYPE

4:3 PAN SCAN

When displaying a wide picture, the screen displays in 4:3 ratio and cuts off the portions that do not fit.

4:3 LETTER BOX
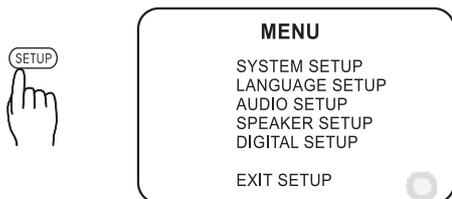
If your TV is not wide-screen. The screen displays with black bands on the upper and lower portions when displaying a wide picture.

16:9 WIDE SCREEN

Select this when you connect a wide-screen TV to the player.

PASSWORD*

You can set a password to the player. If the player has registered a password, you have to enter your password in order to change the rating level.. You will not be able to record/delete/edit songs if the password protection is set.

RATING
The feature is a rating limit system, like movie ratings. You can set three ratings for the discs encoded with rating information- "NO ADULT" "KID SAFE" and "VIEW ALL".

DEFAULTS
Use the default feature to restore all options to the factory defaults, but password and rating settings are not effected.

*Please remember your password. We will not able to retrieve if afterward.

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SETTINGS AND ADJUSTMENTS

2) **LANGUAGE SETUP**

OSD LANGUAGE
You can set various OSD languages. There are two language selections; the default is English. This setup will change the OSD language both in DVD and karaoke mode.

AUDIO LANGUAGE
Some discs are recorded with different audio languages. You can set your preferred audio language here.

SUBTITLE LANGUAGE
Some discs are recorded with different subtitle languages. You can select the desire subtitle language here.

DVD MENU LANGUAGE
Some multilingual discs have disc menus in several languages. This setting can select language to be displayed on the DVD menu.

3) **AUDIO SETUP**.

ANALOG
You can select from three options. If you want to use 5.1- channel audio output to connect your amplifier, set the player to "ANALOG".

If you use 5.1 CH amplifiers with optical or coaxial connectors, you can set the player to "SPDI/RAW".
If you want to use stereo amplifies with optical or coaxial connectors, set the player to "SPDIF/PCM".

MICROPHONE SETUP
This feature can control the microphone performance.

ECHO
You can set the echo delay time with this feature or press ECHO button on the remote.

MIC. VOLUME
This feature is used to control the microphone volume or you can press MIC.± On the remote.

KEY
This feature is used to set the music key or you can press ± to raise or lower the key.

SETTINGS AND ADJUSTMENTS

4) SPEAKER SETUP

DOWN MIX:

LT/RT: When playing discs with PROLOGIC Dolby stereo effects, you can select this output mode to enjoy live sounds of which you can hear in the theater.

STEREO: When you play 5.1 channel discs, the left/rigth connectors projects the audio output of the front channels. When playing other general discs, the audio output is stereo.

VSS: When you play 5.1 discs, this setting will mix the surround audio outputs to front channels to simulate the surround effects.

OFF: Select this mode in order to use 5.1-channel amplifier.

SUBWOOFER

This feature can open/close the subwoofer outputs.

BASS

This feature can set your speaker type:
ALL LG SPK
ALL SM SPK
MIXED SPK

CENTER DELAY TIME

You can set from 0~5 ms. Each ms equals to 34 cm.

DF refers to the distance between you and the central speaker.

CENTRAL DELAY = (DF-DC)/34

SURROUND DELAY TIME

You can set from 0~15ms. Each ms equals to 34 cm. The formula of Surround Delay is the same to that of Central Delay. This setting gives each unit 3ms. You can get a close figure to the delay calculation outcome.

NOTE
You have to turn off DOWNMIX mode in order to turn on Center Delay and Surround Delay.

5) DIGITAL SETUP

OP MODE
LINE OUT: Compresses the output signal.
RF REMOD: Output signal is not compressed.
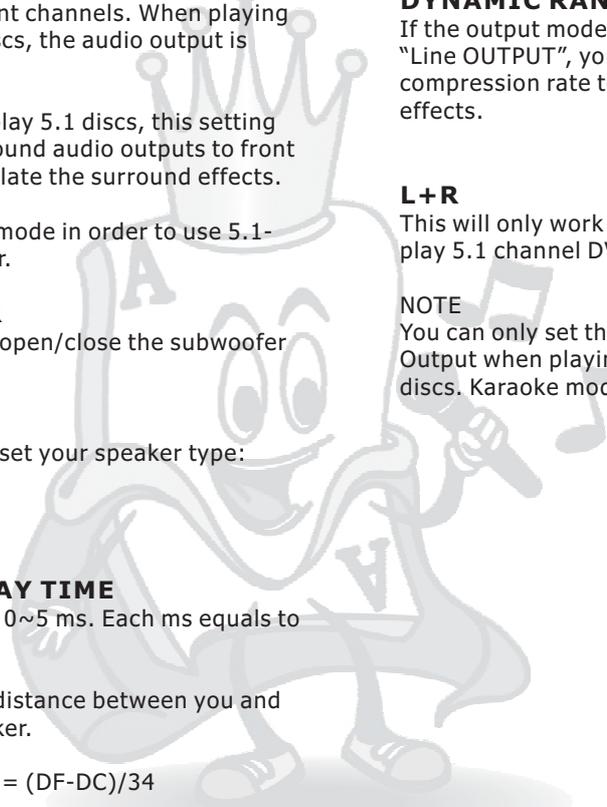
DYNAMIC RANGE
If the output mode is set to "Line OUTPUT", you can adjust the compression rate to get the best sound effects.

L+R
This will only work with mix mode when you play 5.1 channel DVD discs.

NOTE
You can only set the player to Digital Output when playing 5.1 channel DVD discs. Karaoke mode not supported.

BASIC KARAOKE OPERATION

GETTING STARTED
1) Make sure the disc tray is empty. If not, remove the disc.
2) Connect microphones to the into jacks on the front panel. You can use two microphones with this player to enjoy karaoke fun.
3) If this is your first time using this player, please use the volume control buttons to Adust to an adequate volume level.

SELECTING A SONG
1) By Song Number
   Press the song number from songbook and Press 🔘 or 🔘 .

2) By Song Title
   Press (MENU) once to show the index and use the numeral buttons or arrow buttons to select the desired item, then press 🔘 or 🔘.

3) By Artist
   Press (MENU) twice to show the index and use the numeral buttons or arrow buttons to select the desired item, then press 🔘 or 🔘.

4) press 🔘 to start playing song.

SETTING A PRIORITY SONG
1) Follow the song selection steps to select a desired song, then press 🔘 instead of 🔘 or 🔘 button to set this song on the top of the play list.

2) Press (DSPLY) and all the songs on the play list will show on the screen. Use the arrow buttons to select the desired song, then press the 🔘 button to set this song to be displayed next in or er.

CLEAN
If you input a wrong number entry, press Ⓒ button to delete the last digit entered.

RENEW
During playback, you can press 🔘 button to replay the current song from the beginning.

DISPLAYING PLAY LIST
You can press (DSPLY) to show the play list. If the number of reserved songs exceed five, press ◄ ► to display the next or previous page.

CANCELING A SONG FROM THE PLAY LIST
1) Press (DSPLY) to show the play list.
2) Use the arrow buttons to highlight the undesired song.
3) Press (CLEAR) to delete the song from the play list.

SKIPPING A SONG
If you don't like the current song, you can press 🔘 to skip to the next song on the play list.

STOPPING A SONG
Press 🔘 to stop karaoke playback. You can play discs hereafter. You can press 🔘 or 🔘 button or restart playback of the reserved songs

BASIC KARAOKE OPERATION

PAUSE

Press (▶/Ⅱ) button to pause the current playback，press again to resume the playback．

AUTO PLAY

When no disc is in the player and the player is at it's main menu, you can press the (▶/Ⅱ) button to start auto-play. All the songs in the H.D.D. will be played in a random order. If you want to end random play mode, press (■) button or input song numbers.

*Random play mode is useful for singing competition, demonstration or background music display. You can turn off random play in setup.

MUTE

When playing discs, you can shut off the audio output by pressing the (▣⨉) button. In order to resume the audio output, press the (▣⨉) button again.

MULTI-CHANNEL

Press (♪◎) button to switch from different audio output channels to meet your demands.

(♪◎) AUDIO：VOCAL
      AUDIO：KARAOKE
      AUDIO：MIDI（NOTE：Min．Melody VOL.)
      AUDIO：MELODY(NOTE: Melody VOL.)

This function only works when your disc has multi sound tracks.

SETTING MICROPHONE ECHO

Sound effects are adjustable using ECHO button．Adjust the microphone echo level according to your preference．Eight levels can be selected to adjust microphone echo effects．Level 0 for no echo effect and level 8 for the strongest echo effects．

ADJUSTING PITCH

If the song is pitched too high or too low for your voice, you can press key button to set the playback to a lower or higher pitch.

ADVANCED KARAOKE OPERATION

RECORDING SONGS ONE BY ONE
The steps below showed how you can record songs one by one from a VCD or CDG to the hard drive.

1) Place the disc with your desired songs into the disc tray.
2) Play the song you want to record and press (REC) anytime during playback. Press (1) to record the current song.
3) Follow the on screen instructions using numeral buttons to assign a new song number for the recording song.(example. # 1001 for the song JADED)
4) When the system requests for a path of storage, use the numeral or arrow buttons to catalog the recording songs by language and alphabet order of the song title.(Example. \English\JKL for the Song JADED)
5) When the system requests for a song title input, press (CAPS) button to select a desired input method and then use the symbol table on the remote to input the song title. Press (ENTER) when you done inputting the title of the song.
6) Use numeral buttons to catalog the recording songs by singer's gender or choose Choir to leave the song as is. When the recording is completed, the screen display will return to the playback.
7) Remove the disc from the tray. When the screen shows "NO DISC", then you start the song selection.

NOTE:
It is suggested to assign no.1001~7999 for new songs during the recording but the song number can be a 1 to 6 digit number. If you want to cancel or correct the previous input, press (C) button to clear the input.

QUICK SELF-RECORD FOR WHOLE CDG/VCD
1) While the player is playing, press (REC) .
2) Select option 2 to record the whole CD.
3) This player will automatically save the whole disc to hard disc.
4) This player will automatically distribute song numbers that start from 8000 to 9999, These numbers will be temporal song names.(Please memorize the song numbers because you are going to edit them on the next step.
5) Please do not switch power while recording. If you want to stop recording, you can push (CLEAR) button.

Edit song files that were executed Quick self-record
1) Please make sure there was no disc in the player and no songs in the queue. Then input the song numbers (8000-9999 which you just recorded on the Previous step) and press the (EDIT) key.
2) Follow instructions on screen then you can edit the song numbers, song directory and song title to your wanted menu.
3) After editing, press (ENTER) key to save.
4) Repeat step 1-3 until all the songs are named.

Note:
After changing song numbers, the original number will be empty numbers. If you execute Quick self-record and numbers exceed 9999, the player will search empty numbers from 8000 as new song numbers.

DELETING SONGS/FILMS FROM H.D.D
1) Make sure the play list is empty.
2) Input the song number of undesired songs, and then press (CLEAR) .
3) Refer to on-screen displays and confirm the deletion. By doing this can delete the song from H.D.D.

00102 (CLEAR)

00102 We are the world

Delete this song from hard disc? Press **ENTER** to start or press other key to abort.

Attention: You'll lose this song forever. You're recommended to do this unless you have not enough HD space.

SONG UPDATING DISK*
The song library can be upgraded with auto-loading feature. Please contact dealer to purchase new song discs if available.

1) Open the disc tray and load the new song disc. The system will add each new song into the hard disc accordingly.

2) When the system detects repeated songs from the new song disc and the originals song library, the players will display a system message on the screen.

Please follow the instruction to select your desired replacement option.

P.S. Please do not shut off the power in the process to avoid any damages to the contents in the hard disc.
*Sold Seperately

ADVANCED KARAOKE OPERATION

SONG TRANSFER FILES FROM COMPUTER TO KOD

Transfer Files
1) Rip and convert the song into .mpg format. (Customer need s to have a CD drive that is
   able to read CDG along with ripping/coverting programs. You can find the CD drive model
   and ripping/converting programs online but most Plexor drive can read CDG.)
2) Make sure the computer and KOD player are off.

Plug Hard Drive To Computer
3) Take out the hard drive from the player and plug it in your computer.
4) Turn on the computer and go into the newly install hard drive.
5) Insert the song into desire folder. Example (for the song name Hero, I would put it in
   English\GHI path)

Manually Updating Database
6) Go back to the main directory and open the file SONGLIST.TXT with notepad.
7) Scroll down to the bottom of the file and choose a 6 digit number for your song.(make sure
   the number you choose isn't already used)
8) Type in the "number" + "=" + "song path" + "song name" + ".MPG". save and exit
   Example. "502031=\English\GHI\Hero.MPG"
9) Go back to the main directory and open the file MAINMENU.TXT with notepad.
10) Scroll down the file to the directory path where you put your song and add in the "song
    number" + "=". save and exit.
    Example "\English\GHI
           502031="
11) Go back to the main directory path and open the file MENU(1).TXT with notepad.
12) Type in the Artist name under the correct path. For example, for the song Hero by Mariah
    Carey, I would put it under Artist Female\M,N,O. "\Artist Female\M,N,O
                                                    Mariah Carey"
13) After inputting the artist name, type in the song path and song number under all the Artist
    name. Save and exit.
    Example. "\Artist Female\M,N,O\Mariah Carey
           502031="
14) Repeat for multiple songs.

 *Customer takes full responsibility for modifying hard drive.
   Modifying the hard drive incorrectly can lead to the KOD not working properly.
   We strongly suggest the customer makes a copy of the original data before editing the hard drive.
 **If the hard drive get mess up in any way, we will charge for hard drive recovery.

ADVANCED KARAOKE OPERATION

KOD-800 Hard drive structure (FAT32 Single partition)

Hid den Files	Root	Sub folder	Function/Purpose
X	ADV		Advertisements ,up to 99 MPG files
X	FONTS		Fonts files
X	TAIL		Interlude files
	TMP	TMP1	Quick self-recording files
	POWER_ON.MPG KARALOGO.MPG SONGLIST.TXT MAINMENU.TXT MENU(1).TXT		Booting up picture Front page picture Song Number and Path Ordering song by title Ordering song by Singer

● Up to 9 indexes(main folder) can be created under the ROOT (the 10th index is reserved for the "My Favorite" folder). The main folder name can use up to 12 English characters.

●Each sub folder can support up to 10 more sub folders. The name of the sub folder can use up to 12 English characters. Each sub folder can save up to 2000 songs files.

ADVANCED KARAOKE OPERATION

ADDING "MY FAVORITE" SONGS

Ten "My Favorite" directories are preset in the player. You can follow steps to store your favorite songs to "MY FAVORITE".

1) Slect desire song and push 〔STORE〕 FAVORITE
2) Slect the "MY FAVORITE" folder.
3) Slect from "MY FAVOR(1)" to "MY FAVOR(0)" (Default folder name. You can change the name of the My Favorite folder).
4) Press enter.(the song is now added To that folder)

Edit which my favorite item ?
1 My Favorite (1)   2 My Favorite (2)
3 My Favorite (3)   4 My Favorite (4)
5 My Favorite (5)   6 My Favorite (6)
7 My Favorite (7)   8 My Favorite (7)
9 My Favorite (9)   0 My Favorite (0)
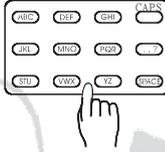
My Favorite (1)
1 My Favorite (1)   2 My Favorite (2)
3 My Favorite (3)   4 My Favorite (4)
5 My Favorite (5)   6 My Favorite (6)
7 My Favorite (7)   8 My Favorite (7)
9 My Favorite (9)   0 My Favorite (0)
[A B C] Please enter the title....

EDIT "MY FAVORITE" TITLE

There are ten "My Favorite" sub-directories. You can follow the steps to rename them.

1) Perform this feature when the player finishes playing all songs on the playlist.
2) Press 〔EDIT〕 button.
3) Press numeral or arrow buttons to select the menu.
4) Input the title name and then press 〔ENTER〕. You can cancel changes by pressing 〔RETRN〕.

David's Favorite
1 My Favorite (1)   2 My Favorite (2)
3 My Favorite (3)   4 My Favorite (4)
5 My Favorite (5)   6 My Favorite (6)
7 My Favorite (7)   8 My Favorite (7)
9 My Favorite (9)   0 My Favorite (0)
[A B C] Please enter the title....

NOTE:
There are several input methods for song title input. You can press the 〔CAPS〕 button to select a desired method.

【ㄅㄆㄇ】 CHINESE PHONETIC INPUT METHOD
【漢 語】 ROMANIZATION INPUT METHOD
【 A B C 】 FULLWIDTH UPPERCASE INPUT METHOD
【abc】 FULLWIDTH LOWERCASE LETTER INPUT METHOD
【 ABC 】 HALFWIDTH UPPERCASE LETTER INPUT METHOD
【 abc 】 HALFWIDTH LOWERCASE LETTER INPUT METHOD
【 あいう 】 KATAKANA
【 アイウ 】 HIRAGANA

DELETE "MY FAVORITE"

You can follow the steps to delete songs stored in "My Favorite" folder.
*Song has not been deleted from the H.D.D. Only the index in "My Favorite" has been deleted.

1) Perform this feature when the player finishes playing all songs on the playlist.
2) Press 〔MENU〕 and then numeric or arrow buttons to enter "My Favorite" menu.
3) Press the numeric or arrow buttons to enter the selected sub-menu.
4) Use the arrow buttons to highlight the songs to be deleted and then press 〔CLEAR〕.
5) Press 〔ENTER〕 to confirm the deletion or other buttons to cancel the deletion.

KARAOKE SETTINGS AND ADJUSTMENTS

SETTINGS AND ADJUSTMENTS

With karaoke playback mode, you can set the following functions to obtain the best performance.When you press the (SETUP) button, the menu displays as below.
Press numerical key to select:

```
1 ADVANCE SETUP
2 FONT SELECTION
3 PASSWORD
4 STANDBY MODE
5 PLAY INTERLUDE
6 LANGUAGE
7 BACK GROUND
8 COINER SETUP
9 EXPIRE
0 FAST KEY SETUP
```

ADVANCE SETUP

Press numerical key to select:
1) Repeat Mode: Press ① button to turn on/off repeat mode.
2) Volume Control: Press ② button to turn on/off the volume button of remote control.
3) Sublyric: Press ③ button to setup if there are Chinese and Romanization lyric both on screen. (There function doesn't apply for Japanese song).
4) Song Forecase: Press ④ button to turn on/off song forecase.
5) MIDI Priority: There is no this function on this model.
6) MIDI EQ Adjust: There is no this function on this model.
7) MIDI Key Shift: There is no this function on this model.
8) Power Mode: There are ON/STAND BY mode.
9) Remote Con: There is no this function on this model.
0) Room No.: Press ⓪ button to setup the room Number in this player.

FONT SELECTION

Press numerical key to select:

```
1 Menu Font
2 Lyric Font
```

Several Chinese fonts are built in this player for selection. There are 8 Chinese fonts in menu font. 3 Chinese fonts in lyric display.

NOTE:
1) You can not change menu font during playback.
2) The built-in fonts may vary from model.

PASSWORD

You can set password to lock the karaoke functions. After you registered a password, you have enter the password inorder to enter karaoke mode. Press numerical key to select:

```
1.Administer Password
2.HDD Password
Song Password
```

If you want to set Administer/HDD/Song password the detail as below:
1) First, make sure the player is not under playback mode.
2) Input your password using a 1~6 digits number and then press (ENTER) .
3) To confirm the new password, you will be prompted to re-enter the new password. If you don't, the password become inactive when you turn the power off.

NOTE:
1)FOR PROTECT YOUR IF YOU FORGET YOUR PASSWORD. THE ONLY SOLUTION IS TO CHANGE YOUR KARAOKE IC CHIP. PLEASE BE CAREFUL TO USE PASSWORD FUNCTION.
2)If you set HDD/Song password then you can not record and delete any song.

STANDBY MODE

If the karaoke machine wait over 45 second will into standby mode. You just can chose one of them as below. Press numerical key to select:

```
1)Off：that will show the main screen or queue list.
2)Screen Saver
3)Random Play- from all the song collections
Advertise Video -from the "ADV" folder
```

NOTE:
1) If you are in Off/Screen Saver mode, you need input the song number and press PLAY to start the song. But, if you are in Random Play/Advertise Video mode, you don't need to press play after inputting the number.
2) If you are Random Play/Advertise Video mode, the word "Input song number" be display on the top of screen to remind you that you are in standby mode.

PLAY INTERLUDE

1) Interlude [ON]/[OFF]: For turning interlude animation ON/OFF when you switch to the next song.
Interlude Timer: This is to set the time between a song played and next queue. The time can be 0~90 seconds and forever(STOP). When you select forever(STOP) you have to press (ENTER) to start the next song.

KARAOKE SETTINGS AND ADJUSTMENTS

LANGUAGE

There are 3 language are built in this player for selection. Press numerical key to select:

1.ENGLISH
2.正體中文 (Simple Chinese)
3.簡體中文 (Traditional Chinese)

BACKGROUND

You can change back ground of MP3 format songs by Default/User/No. "No" is black background. Press numerical key to select:

1.Default
2.User
3.No

NOTE:

User background files need to be stored on the catalog \BKG\USER\and format shall be 720*480 M2V including GOP.

COINER SETUP*

There are 7 functions of coiner. If you want your coiner have these functions please press numerical key to switch it on/off. When you make any chances to these setting, you need to turn the power off and back on for it to take effect.

1.Model
2.Pause
3.Q-jump
4.Restart
5.Menu
6.Deduct
Remote

*Coiner sold sepertely

EXPIRE

The Expire functions is for business use. For example, if you rent a player to a store for one year. You can set an one year expire date for the user. After one year pass, the player will no longer work.

1.Set Expire Date
2.Adjust Date
3.Adjust Time

FAST KEY SETUP

This function is for "keyboard remote control " that is sold separately. You can input a song number into each function (F1 -F9) and have that song play directly just pushing that function.

F1=
F2=
F3=
F4=
F5=
F6=
F7=
F8=
F9=

NOTE:

If you want to buy a "keyboard remote control", please contract with your dealer.

TROUBLE SHOOTING

Please refer to the following methods to detect the problem if any functions fail to perform properly.

NO SOUND
- Ensure that the equipment is connected properly.
- Ensure that the input settings and the volume adjustment for the TV are correct.
- Ensure that the input settings and the volume adjustment for the receiver are correct.
- Ensure that the input setting for the TV is correct.
- Ensure machine music volume is up.

NO PICTURE
- Ensure that the equipment is connected properly.
- Ensure the TV is properly set on a correct mode.
- Ensure that the input setting for the TV is correct.

DISTORTED SOUND
- Ensure that the equipment is connected properly.
- Ensure that the input settings and the volume adjustment for the TV and receiver are correct.

DISTORTED PICTURE
- Ensure that the equipment is connected properly.
- Ensure that the connection to the YUV jack is set properly.
- Ensure that the output setting is correct. Select only one output connection, either S-Video or YUV.
- Ensure that the connection cord is in good condition.

SELECTED SONG WON'T PLAY
- Ensure that the disc tray is empty.
- Ensure that the selected song is recorded in the H.D.D.
- Please check if you have deleted this song.

NO POWER
- Make sure both ends of the AC power cord are securely plugged into the DVD player and into the wall outlet.
- Ensure that the power switch on the back panel is turned on.

DISC WON'T PLAY
- Insert a disc with label side facing up.
- If the laser reader is dirty, use a lense clean disc.
- Please check if the disc surface is dirty. Wipe the disc with a cleaning cloth.

NO MICROPHONE SOUND
- Ensure that microphone is connected properly.
- Ensure that the microphone power is turned on.
- Turn the volume control knob on the front panel clockwise.
- Adjust the microphone volume with the remote control.

REMOTE WON'T WORK
- Remove any obstacles between the remote and the DVD player.
- Operate the remote control close to the DVD player and point directly to the sensor.
- Please check if the batteries in the remote need replacement.

BLUE SCREEN WITH DVD LOGO AFTER MACHINE BOOT UP
- H.D.D might be damage or song data base has been messed up due to unappropriated operating. Please contact manufacture.

SPECIFICATION & CONTACT INFO.

General	Power supply	AC 100V~220V(50/60Hz)
	Power Consumption	Less than 54W
	Dimension	16.9 in X 11.4 in X 22.in
	Weight	7.7lbs (3.5kg)
Outputs	Laser Wavelength	650nm
	Audio Output (analog)	2V ± 10% / load impedance 10Ω
	Audio Output (digital)	0.5VP-P ± 20% / load impedance 75Ω
	Video Output	1VP-P ± 20% / load impedance 75Ω
	Signal Format System	NTSC/PAL/PAL60/AUTO
	Composite Output	Brightness Y 700mV± 20%
		Color Cb 535.5mV± 20%
		Color Cr 535.5mV± 20%
	S-Video Output	Brightness Y 1 Vp ± 20%
		Color C 0.286 Vp-p ± 20%
Input	Microphone	6.35 mm single plug
		Maximum input 10mV/ load impedance 600Ω
HD	Hard Disk	3.5 inch FAT32 ATA-100 maximum 2000GB
Digital Audio Characteristics	Frequency Response	20Hz~20KHz(±1dB)
	Signal-to Noise Ratio	More than 85dB
	Channel Separation	More than 85dB(1KHz)
	Dynamic Range	More than 85dB(1KHz)
	Signal-to Noise Ratio	More than 85dB

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ACESONIC LIMITED WARRANTY
WARRANTY PROCEDURE

TO VALIDATE YOUR WARRANTY: Fill out the attached warranty card, be sure to include the model and serial number of the unit since this is how warranties are tracked. If your Acesonic product was purchased in the U.S., mail the completed card directly to Acesonic within 10 days from the date of purchase. If you purchased the product outside the U.S . you must file your warranty registration card with the Distributor in that country. It is advised that you keep your bill of sale as proof of purchase, should any difficulties arise concerning the registration of the warranty card.

WARRANTY REGISTRATION is made and tracked by MODEL AND SERIAL NUMBER ONLY, not by the purchaser's or owner name. Therefore any warranty correspondence or inquiries MUST include the model and serial number of the product in question. Be sure to fill in the model and serial number in the space provided below and keep this portion of the warranty card in a safe place for future reference.

WARRANTY SERVICE MUST BE PERFORMED ONLY BY AN AUTHORIZED ACESONIC SERVICE FACILITY LOCATED IN THE COUNTRY WHERE THE UNIT WAS PURCHASED,OR AT THE ACESONIC HEADQUARTER IN THE U.S.It is recommended that advance notice be given to the repair facility to avoid needless shipment in case the problem can be solved over the phone. UNAUTHORIZED SERVICE PERFORMED WILL VOID ANY EXISTING FACTORY WARRANTY ON THAT PRODUCT.

FACTORY SERVICE: if you wish your product to be serviced at the factory, it must be shipped FULLY INSURED, IN THE ORIGINAL PACKING OR EQUIVALENT. This warranty will NOT cover repairs on products damaged through improper packaging. If possible, avoid sending products through the mail. Be sure to include in the package:

1 . Complete return shipping address (P.O. Box numbers are NOT acceptable).

2 . A detailed description of any problems experienced, including the make and model numbers of any other equipment in the system.

Repaired products will be returned freight C.O.D. unless sufficient return shipment funds are included with the unit.

Products sent to the factory from outside the U.S. MUST include return freight funds, and the sender is fully responsible for all, customs procedures, duties, tariffs and deposits.

RECORD THE MODEL AND SERIAL NUMBER BELOW AND RETAIN THIS PORTION OF THE WARRANTY CARD FOR YOUR FILES:

MODEL ACESONIC KOD 800 _____ **SERIAL NUMBER**_____

DATE OF PURCHASE_____

Detach this portion and mail it to the factory

MODEL ACESONIC KOD 800 **SERIAL NO.** _____ **PURCHASE DATE** _____

OWNER'S NAME_____**ADDRESS**_____

CITY_____**STATE**_____**ZIP**_____

E-MAIL ADDRESS_____**TELEPHONE**_____

The following information is appreciated, but not required:

    Dealer's name and address: _____

What other products and/or product changes would you like to see Manufactured?

Any other comments:

LIMITED DOMESTIC WARRANTY

ACESONIC WARRANTS ALL PRODUCTS PURCHASED IN THE U .S . AGAINST DEFECTS IN MATERIAL OR WORK - MANSHIP FOR A PERIOD OF ONE(1) YEAR FROM THE INITIAL DATE OF RETAIL PURCHASE FROM AN AUTHORIZED ACESONIC DEALER, OR, ONE(1) YEAR FROM THE DATE OF MANUFACTURE IF PROOF OF PURCHASE DATE IS NOT AVAILABLE.   This limited warranty extends to all purchasers or owner of the product during the warranty period beginning with the original retail purchase. Acesonic does not, however, warrant its products against any and all defects : 1) arising out of material or workmanship not provided or furnished by Acesonic, or 2) resulting from abnormal use of the product or use in violation of instruction, or 3) in products repaired or serviced by other than authorized Acesonic repair facilities, or 4) in products with removed or defaced serial numbers, or 5) in components or parts or products expressly warranted by another manufacturer. Acesonic agrees to supply all parts and labor to repair or replace defects covered by this limited warranty with parts or products of original or improved design, at its option in each respect, if the defective product is shipped prior to the end of warranty period to any authorized warranty repair facility in U.S., or to the Acesonic in the original packaging or a replacement supplied by Acesonic, with all transportation costs and full insurance paid each way by the purchaser or owner.

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THE LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE,COUNTRY TO COUNTRY.

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