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

DGX-106
Multi-Function Karaoke Player
With USB Interface & SD/MMC Reader

USER’S MANUAL
### Warnings, Cautions and Others

**Mises en garde, précautions et indications diverses**

#### 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 ÉVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU’AU FOND.

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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

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.

**Important for Laser Products**

1. **CLASS 1 LASER PRODUCT**
2. **DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable 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.
13. Unplug this apparatus during lightning storms or unused for long period of time. Apparatus combination to avoid injury from tip-over.
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.
25. Servicing
If your product is not operating correctly or exhibits a marked change in performance and you are unable to restore normal operation by following the detailed procedure in its operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as operating instructions. Refer all servicing to qualified service personal.
Included Accessories
Please check that you have all of the following accessories supplied to you. If anything is missing, please contact your dealer immediately.

- 2 Wired Microphone with 14” Cable
- RCA Audio/Video Cable (Yellow/Red/White)
- Remote Control
- 2 AAA Battery
- User’s Manual
- Rack Mount Brackets
- Rack Mount Screws

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
*When you are away on travel or otherwise 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.

Avoid Moisture, Water and Dust
*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 from the wall outlet 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 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 use unit on its side or where subject to vibrations (e.g. speakers).
*Leave sufficient distance between the TV and unit.
*Do not leave heavy objects on top of unit.

Prevent Unit Malfunction
*No parts in this unit are user-serviceable. 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 keep the temperature of the player down. Blocking the vents may result in damage of the unit.
Playable Media
This unit supports the following disc formats:
* DVD, MPEG-4, Video CD, Video CD 2.0
* CD+Graphics, Audio CD, HDCD, DTS CDs
* MP3, WMA, JPEG, Kodak, MPEG

Above media is playable on the following discs:

Card reader compatible format*: SD, Mini SD, MMC
* Only support FAT32 format

* 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 upgrade, when available.

* Encoding methods of some media formats may affect the playback (e.g. Unable to fast forward or fast backward or load time). 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 the 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, Dolby Digital 5.1 Channels, DTS, and AC-3.

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

Notes Regarding Discs
* Some DVD’s, the player starts playback automatically after inserting the disc, regardless whether or not PLAY BACK CONTROL is on or off.
* The image may be poor, noisy, or grainy 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 may 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 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; doing so may cause the disc to shatter inside or the player to malfunction.

Before Operation
FRONT PANEL FUNCTIONS AND OPERATION:

1. **NUMERIC KEYS 0-9:** Used to input for track selections or programming purposes. Note: When Play Back Control (PBC) mode is on, songs will stop playing at the end of every track. Playing will not resume until another track entry has been submitted and set to play.

2. **DVD/USB:** Switch between USB mode and Disc Mode.

3. **DISC TRAY:** Press to open tray. Press or to close the tray, it will play the disc automatically.

4. **EJECT:** Opens and closes disc tray. While open, you may press PLAY to close disc tray and begin playback or press once more to close.

5. **PLAY:** Begins the playback of media inside the disc tray or to resumed paused playback.

6. **PAUSE-** Pauses current playback. Press once more or PLAY to resume playback.

7. **STOP-** Stops/ends playback.

8. **SKIP BACKWARD-** Skips to the beginning of the current or previous track if pressed twice.

9. **SKIP FORWARD-** Skips to the beginning of the next track.


11. **VOL+** - Raises Volume.

12. **AUDIO:** Selects Left/Right, MONO, and Stereo audio output for CDs and audio track for DVDs.

13. **KEY CONTROL DOWN-** Transposes the music key. Used to lower key by a half tone.

14. **KEY CONTROL UP-** Transposes the music key. Use to raise key by a half tone.

15. **MIC TREBLE control:** Used to make HIGH FREQUENCY adjustments to MIC output.

16. **MIC BASS control:** Used to make LOW FREQUENCY adjustments to MIC output.

17. **ECHO control:** Used to control the amount of ECHO applied to MIC CHANNEL 1 & 2.

18. **MIC 1 & 2 VOL control:** Used to control the volume output from MIC CHANNEL 1 & 2.

19. **MIC 1 & 2 INPUT jacks:** Connects microphones with 1/4 inch plug.

20. **DISPLAY WINDOW:** Displays player status such as time, disc format, and song number. If no disc is in the tray, the display window will display NO DISC. Detailed information will also be shown on the TV screen.

21. **Remote Sensor:** Receives incoming signals from the remote.

22. **POWER:** Turns the power on and off (AC110V / AC240V). When the power is on, indicator lights and display on.

23. **USB INTERFACE:** Use this interface to connect USB devices such as IPod, Mp3 Players, external hard drives or flash drives.

24. **CARD READER:** Compatible formats: SD, Mini SD, and MMC *Only supports FAT32 format

BACK PANEL FUNCTIONS AND OPERATION:

1. **ELECTRIC PLUG:** Connection to auto-detect AC power supply (100-240V, 50-60 Hz).

2. **SCART:** Connection mainly used for TV’s in Europe. TV display (4:3) built-in video, RGB out and audio.

3. **VGA JACK:** Progressive scan output. Connect to a VGA monitor and press VGA button and ENTER on the remote control to change the default setting and apply change in the SETUP menu before using it.

4. **KARAOKE OUTPUT:** Red and white RCA outputs for mixing vocals and music. Used in karaoke mode.

5. **5.1 CHANNEL AUDIO OUTPUT:** RCA outputs for analog 5.1 Dolby output. To use 5.1 channels, press 5.1CH on the remote or change settings in the SETUP menu before using 5.1 channels. See below.

   - SETUP > KARAOKE SETUP > KARAOKE MODE > OFF
   - SETUP > SPEAKER SETUP > DOWNMIX > OFF
   - REAR > ON
   - SUBWOOFER > ON

   After that, you can test by selecting:
   - SETUP > SPEAKER SETUP > TEST TONE > ON

6. **COMPONENT VIDEO OUTPUT:** RCA outputs for use in TVs with component/progressive scan inputs.*Connect “Y” to “Y”, “PB” to “PB” (CB), “PR” to “PR” (CR)

7. **RCA VIDEO OUTPUT:** Yellow RCA outputs for use in TVs with composite inputs.

8. **OPTICAL OUTPUT:** Optical output for connection with a digital amplifier or receiver for Dolby Digital or DTS sound. Please change settings in the SETUP menu before using it. *Karaoke does not work while using OPTICAL output.

9. **S-VIDEO OUTPUT:** Output for use in S-VIDEO input.

10. **COAXIAL OUTPUT:** Coaxial digital output to connect with a digital amplifier or receiver for Dolby Digital or DTS sound. Please change in the SETUP menu before using it. *Karaoke does not work while using COAXIAL output.

11. **MUSIC LEFT & RIGHT CHANNEL OUTPUT:** Please connect with a TV or Amplifier. *Only music and no vocals.
Remote Functions

1. **STANDBY BUTTON** - Turns on or off the player.
2. **USB/DISC MODE SWITCH BUTTON** - Switch between USB Mode and Disc Mode.
3. **5.1CH BUTTON** - Switches to MOVIE MODE (5.1 channel output). This turns on 5.1 channel output and disables any karaoke functions such as key control. Now any media that is played will have continuous play and will advance from track to track.
4. **NUMERIC KEYS 0-9** - Used to input selections for track selection or programming purposes.
5. **TITLE BUTTON** - DVD title has an indication number which makes it easy to locate chapters.
6. **MENU BUTTON** - Press MENU once to return to the root menu for DVD’s.
7. **SUBTITLE BUTTON** - Press SUBTITLE repeatedly until the desired language is selected.
8. **ENTER BUTTON** - Used to confirm entry or selection.
9. **PCB (Play Back Control) BUTTON** - PBC is off by default. In PBC ON mode, while playing CD or CD Graphics (CD+G) disc, play will automatically stop after each song is finished playing. It can only be operated after pressing PLAY button or the desired track number button.
11. **RETURN BUTTON** - When the PBC is ON, press to go to the menu.
12. **AUDIO BUTTON** - Selects Left/Right MONO and Stereo audio output or audio track 1 or 2 if a DVD is currently in playback.
13. **L/R BUTTON** - Switch between the left mono, the right mono or stereo sounds. Use to turn vocal on/off on multiplate CD+G or VCD disc.
14. **RESUME BUTTON** - When the tray is stop, press to start play from where the stopping point.
15. **EQUALIZER BUTTON** - Select from 7 types of equalizers or define your personal one. Enter twice to enable SPECTRUM function.
16. **SLOW PLAY BUTTON** - Slows down the play of video. Only available for VCD and DVD.
17. **SHARP BUTTON (#)** - Raises the key by a half tone.
18. **NATURAL BUTTON (♀)** - Return to original key tone.
19. **FB<< (FAST BACKWARD) BUTTON** - Shifts the playing location backwards quickly.
20. **FLAT BUTTON (♂)** - Lowers the key by a half tone.
21. **SKIP BACKWARD BUTTON** - Press to go to the beginning of the current or previous track.
22. **STEREO BUTTON** - Switches to CD Play Mode (2 channel output). This turns off any of the 5.1 channel settings and all signals will now go through KARAOKE OUTPUT.
23. **EJECT** - Used open and close tray door. When it is open, The disc will come out and indicator is on, press again, indicator is off.
24. **VIDEO BUTTON** - Press this button then press Enter button to switch from SCART and YCBCR MODE.
Remote Functions

25. KARAOKE BUTTON p. 10 - Toggles KARAOKE MODE on and off. Enable key control function if on.
27. VGA BUTTON - Press this button then press ENTER to switch between SCART and YCBCR output.
28. PROGRAM BUTTON p. 8 - To program tracks, press STOP then press PROGRAM. Enter your tracks selection and press PROGRAM again to accept. Press the PLAY to start programmed tracks.
29. CLEAR BUTTON p. 10 - Used to delete all programmed tracks you have entered. This button is also used to turn the EQUALIZER on and off. EQUALIZER can be set to any of the preset settings. Use the ENTER button to choose any of the presets.
30. SEARCH BUTTON p. 9 - You may directly enter a time to search for on a disc; the disc plays from that point.
31. REPEAT BUTTON p. 9 - Allows you to repeat a track or disc.
   1. Repeat a track - Press REPEAT, the screen shows REP ONE, the unit plays the current track.
   2. Repeat all - Press REPEAT, the screen shows REP ALL, the unit plays all the tracks on the disc.
32. STEP BUTTON - Press to play the frame step by step. Press the PLAY button once to resume playback normal.
33. A-B BUTTON p. 9 - A-B REPEAT allows you to repeat a segment of a track until stopped. To use this function:
   1. Set a starting point A.
   2. Set an end point B.
34. VIEW BUTTON - Switch the views when playing multi-views media such as DVD.
35. ZOOM BUTTON -Used to enlarge a section of video or picture currently being viewed.
36. RANDOM BUTTON - Allow you to random play any track from whole disc.
37. DISPLAY BUTTON - Show the elapsed or remain time for single track or the total disc.
38. MUTE BUTTON - Turn On or Off the sound
39. STEP BUTTON - Press to play the frame step by step. Press the PLAY button once to resume playback normal.
40. MUSIC MODE BUTTON - Enable or disable digital 3D sound effect.
41. PAUSE BUTTON - Press the button while the disc is playing, to pause playback.
42. VOL+ BUTTON - Press to turn up the music volume.
43. PLAY BUTTON p. 8 - Press to being playback or to close disc tray for playing automatically.
44. FF>>(FAST FORWARD) BUTTON p. 8 - Shifts the playing location forward quickly.
45. VOL- BUTTON - Press to lower the music volume.
46. SKIP FORWARD BUTTON p. 8 - Press to go to the beginning of the next track.
47. STOP BUTTON - Press to STOP a playback.
Player Connections

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

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

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

CONNECT TO AN ORDINARY AMPLIFIER
**Basic Operation**

**Turning on/off the player**
Press **POWER** button on the front panel of the unit to turn on the player. There is no **POWER** button on the remote control. Once the power is on, you will see the Ace Karaoke logo.

**Initial Setup**
Once you have the unit connected and powered on, you may want to change the settings in the player according to your preferences. Use the UP/DOWN and ENTER buttons to navigate within the SETUP menu.

1. **Press SETUP**: The MAIN PAGE of SETUP MENU appears.

2. **Select the language for On-Screen-Display (OSD)**: The default OSD language is English. To change, press ENTER to select GENERAL SETUP and go to the OSD LANG. Move to the language of your choice and press ENTER.

3. **Select TV type**: First, Select Video Setup. For a normal TV, select NORMAL/PS (Pan and Scan) or NORMAL/LB (Letter Box). For a wide-screen TV, select WIDE/HDTV.

<table>
<thead>
<tr>
<th>TV Display</th>
<th>Normal/PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD Mode</td>
<td>Normal/PS</td>
</tr>
<tr>
<td>Video Type</td>
<td>Normal/LB</td>
</tr>
<tr>
<td>Main Output</td>
<td>Wide</td>
</tr>
</tbody>
</table>

4. **Select a desired Audio Output**: Select an Audio Output according to your audio connection. For COAXIAL or OPTICAL connection, use diagram below.

<table>
<thead>
<tr>
<th>SPDIF Output</th>
<th>Off</th>
<th>On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pro Logic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. **Select a desired Speaker Setup**: Select according to your speaker connection.

For a digital connection through COAXIAL or OPTICAL audio output, there is no need to adjust the SPEAKER SETUP option in the SETUP menu. For this case, the adjustment needs to be made in the digital amplifier.

For Analog 5.1 Channel audio output, press **5.1CH** button on the remote control to enable 5.1 sound output. Each of the channels can further be adjusted in SPEAKER SETUP under the SETUP menu.

6. **Press SETUP to exit**: You will see the Acesonic Logo.
Basic Operation

Basic Playback

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 track desired
2. Press and the player will playback the selected track.

For MPEG-4 Video
1. From Smart Navi, use the to input the number of the desired file number or use the arrow keys to navigate through folders and/or files.
2. to play 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 an unplayable 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.

Playback status
Press the RESUME button on the remote to view the current selection number (the title/chapter for DVD or track number for VCD/Audio CD, time information (the times elapsed, or time remaining) on the TV screen. To turn off the playback status, press the RESUME button repeatedly until the status bar turns off.

To End Playback
Press STOP to end playback.

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, the playback completely stops and ejects the disc.

To Pause Playback
Press the PAUSE button to pause the 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 2 times, 4 times, 8 times, 16 times the normal playback speed.

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

To Advance Video Frame By Frame
While a DVD or VCD is playing or paused, press the STEP button to advance to the next frame. No audio will be heard while stepping from frame to frame.

To Playback in Slow Motion
While a DVD or VCD is playing, press the SLOW button to play slow forward/backward motion 2 times, 4 times, 8 times the normal playback speed.

USB port and operation
You can play your own video and audio files (supports MP3, WMA, MPG, AVI, JPEG and VCD formats) stored in external memory devices (e.g., Fresh stick, flash drive, card reader, external hard drive) by connecting any one of such devices to USB port on DGX-106. Notice: these devices have to be FAT32 format to be able to play content.

If no disc is being played, audio and video files from external memory device which connects to USB will automatically be select and play. Otherwise, if you need to switch to USB playback:
1. Press the button.
2. Press to make the USB menu appear on the screen.
3. Select USB DEV.
4. Press ENTER to play
5. Repeat above steps to switch back to DVD.

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If no disc is being played, audio and video files from external memory device which connects to USB will automatically be select and play. Otherwise, if you need to switch to USB playback:
1. Press the button.
2. Press to make the USB menu appear on the screen.
3. Select USB DEV.
4. Press ENTER to play
5. Repeat above steps to switch back to DVD.

SD, MMC and mini SD slots
You can play video and audio files (supports MP3, WMA, MPG, AVI, JPEG and VCD formats) stored in SD, MMC and SD by connecting any one of such devises to slots.

If no disc is being played, the unit mode switch will automatically select memory card to play audio and video files from the external memory devise connected. Notice: these devices have to be FAT32 format to be able to play content.

If you need to switch to memory card playback:
1. Press the STOP button.
2. Press USB/DVD to make the USB menu appear on the screen.
3. Select SD CARD.
4. Press ENTER to play your selection
5. Repeat above steps to switch back to DVD.

NOTE: Machine wont work if you put 2 devices at the same time.
Advanced Operations

Playing From A Specific Position Player

Locating a desired scene from the DVD menu
DVD discs generally have their own menus showing the contents of the disc. These menus contain various items such as the titles of movies, names of songs, or artist information, and display them on the TV screen. You can locate a desired scene using the DVD menu.

1. Insert a DVD disc into the tray.
2. Use the arrow keys to select a desired item and press ENTER.

To Locate A Desired Scene From The Video CD Menu With Playback Control
Some VCDs support the PBC function and have their own menus built in. You can locate a specific scene by using the PBC menu.

1. Press STOP then press PBC. “PBC ON” should appear in the right corner of your screen.
2. Using the NUMERIC KEYS 0-9, enter the desired song number and press ENTER to being playback.

To Locate A Desired Position In The Current Title Or Track Using Time Search
With Audio CDs, VCDs, and DVD Video Discs you can play the disc from a desired location by specifying the time during playback.

Example for DVD Video:
To play back from chapter 3 of a DVD
Press 3 then ENTER
TITLE 01/01 CHAPTER 003/11

To play back from 1 hour 21 minutes 00 seconds
Press SEARCH again then 121 or 12100 then ENTER
TIME _1:21:00

Example for VCD or Audio CD:
To play back from 17 minutes 15 seconds
Press 1715 then ENTER
TIME 17:15

3. Press ENTER to begin playback. To dismiss the time search, press SEARCH again.

Programing Tracks
By programing tracks, you can play up to 99 tracks in any order. You may also repeat tracks.
1. To program tracks press STOP then press PROGRAM.
2. Using the NUMERIC KEYS 0-9, enter the desired track number and press PROGRAM again to accept.
3. Press PLAY to start playback of programed tracks.
4. To end the program playback, press STOP. If you wish to clear the programmed tracks, press STOP twice.

NOTE
*Once the player is turned off or the disc is ejected, all programmed tracks are cleared. There is no feature to save programmed tracks.
*To skip a track that is playing, simply use the SKIP FORWARD or SKIP BACKWARD buttons to advance.

Repeating Playback
1. Press REPEAT. If you press REPEAT in stop mode, press PLAY to start playback. Each time you press REPEAT, the repeat mode cycles among REP-ALL, REP-ONE, and OFF. A window which indicates the current repeat mode will be displayed on the TV Screen.

To Stop Repeat Playback
Press STOP. The unit stops playback but does not quit the repeat mode.

To Exit Repeat Playback
Press REPEAT until REPEAT OFF is displayed.

To Repeat A Desired Section (A-B Repeat)
By programing tracks, you can play up to 99 tracks in any order. You may also repeat the track by itself.
1. Press A-B once where you wish to begin the repeat (Point A). A-B SET A appears on screen.
2. Press A-B again where you wish to end the repeat (Point B). A-B SET B appears on screen. The player will now begin to repeat playback between A and B.

To Exit A-B Repeat Playback
Press A-B a third time to turn off the A-B repeat mode.

NOTE
*The A-B points must be set within the same title/chapter/track.
*When you press STOP twice during DVD playback, A-B repeat is canceled.

NOTE
After 3 minutes of a static (still) picture displayed on the television screen (i.e. Karaoke DVD is paused half-way through playback or the menu), this unit will automatically activate the screen saver. This function is used to prevent any images from being “burned” on to the screen after a long period of time. To disable this function, go under GENERAL SETUP> SCREEN SAVER You have the option to enable or disable the screensaver.

Zooming Into Pictures
During playback or paused playback, press ZOOM. Each time you press ZOOM, the magnification is changed 1.5, 2, and 3 times. You can use the arrow keys to move the zoomed position.
Advanced Operations

How to adjust Language, Sound, And Scene Angles

Selecting Subtitle Language
Some DVD Video discs contain more than one subtitle language. You may select any of the desired languages that are available.
1. During playback, press SUBTITLE. The subtitle selection window will appear on the screen.
2. Each time SUBTITLE is pressed, the subtitle language will change. Press SUBTITLE continuously to make your selection. Keep pressing to turn subtitles off.

Selecting Audio Language or Sound
Some DVD Video and VCD discs contain more than one audio language. You may select any of the desired languages that are available.
1. During playback, press AUDIO. The audio selection window will appear on the screen.
2. Press AUDIO continuously to make your selection. Each time AUDIO is pressed, the audio language changes. Keep pressing to turn audio selection off.

Selecting A Scene Angle of DVD Video
Some DVD Video discs contain a variety of scene angles if they have “multi-angle” options. During the beginning of a “multi-angle” scene, a small camera will appear on your TV.
1. During playback, press ANGLE. The angle selection window will appear on the screen.
2. Each time ANGLE is pressed, the angle language will change. Press ANGLE continuously to make your selection. Keep pressing to turn angle selection off.

Using Equalizer and Spectrum Analyzer
The equalizer will allow you to give yourself more balance and control of your music.
1. Press EQ to enter EQUALIZER mode. Hit ENTER to switch between the different pre-sets. The pre-sets are STANDARD, CLASSIC, JAZZ, ROCK, POP, BALLAD, DANCE, or your own PERSONAL customizable settings.
2. Select the pre-set you desire then press CLEAR once more to turn on the SPECTRUM (the analyzer will appear on your screen) or once more to turn off (SPECTRUM OFF will appear on your screen).
3. If you wish to cancel the equalizer, press CLEAR once more (EQUALIZER OFF will appear on your screen).

Karaoke Operations

1. Press the KARAOKE button to enable karaoke mode. Karaoke Mode enables the key control and multiplex functions in this unit. The SPEAKER SETUP is also automatically changed to DOWNMIX> Stereo. The microphone signals are only outputed through KARAOKE OUTPUT.
2. Insert a karaoke disc and select desired track. Please note that not all discs require the same steps for playback.
3. Turn on microphones and adjust the volume and echo level of your microphones using MIC 1, MIC 2 VOLUME and ECHO control knobs.
4. Use the VOL+ and VOL- buttons to adjust the volume level of the music playback accordingly to the volume of the microphones.
5. Adjust the key of the song by using the SHARP(\#) and FLAT(b) button to match the tone respectfully to the singers voice.

Audio File Playback

This unit can play MP3, JPEG, MPEG, MPEG-4 and WMA files that are recorded onto CD-R/RW, DVD±R, and DVD±RW. Some DVD±R/RW media composed as multi border (multi-session) may not be compatible with the player.

Basic File Operations

When you insert a disc with supported file formats, the player will automatically begin playback of MP3, JPEG, and MPEG-4. Once you press STOP, you will be taken to the SMART NAVI. SMART NAVI will let you explore up to 100 files per folder on a disc and playback the media. Follow the steps below to begin playback of desired media.

1. Press STOP to stop any current playback. Now the SMART NAVI will display the contents of the disc on your screen.
2. Use the arrow keys to move the selection bar to a desired folder and press ENTER.
3. Use the arrow keys to select a desired file then press ENTER. Once you press ENTER, the continuous playback will begin from the selected file. The playback ends after playing back of all the files in the same folder.

NOTE

*If you wish to use your own personal settings within the EQUALIZER, select PERSONAL and use the LEFT and RIGHT arrow buttons to select a frequency range to adjust. Use the up and down buttons to boost the volume of that frequency range to your preference.
*As one frequency range is boosted, the surrounding are adjusted accordingly.

NOTE

*It may take some time to show the SMART NAVI display due to the layer configuration of the files and folders.
*At times the elapsed time may be incorrect on the display windows due to the recording condition of the file.
Karaoke Operations/ 
Audio & Video Operations

TV signal setting
Set up as below for switching to different TV types to match your TV.
There are 6 types: Multi System, NTSC, PAL, 480P, 576P and 720P) for your selection. In stop mode, press P/N button and ENTER button for selection.

If your TV is not a HDTV but with video type set on 720 P, the image will not be displayed well. In this case, press STOP then press P/N button on the remote and press ENTER button to back to the regular TV image.

Audio setting

- **SPDIF Output**: Setting the mode of optical and coaxial output digital signal.
  - Dual Mono: There are 4 types output selections: Stereo, L-mono, R-mono, and MIX-mono output.
  - Compression: In order not to disturb the neighbor at night, you can dynamically lower the volume and still keep the original quality of the tone with this option.
  - Pro Logic: To set the state of the built-in Dolby decoder:
    - OFF: Decoder off.
    - ON: Decoder on.

HDTV setting
1. Go to setup and turn the HD Mode On as below:
   - HD Mode: On
   - TV Type: Multi. System
   - Video Output: Main Page

   HDTV MODE:
   - ON: HD mode on, 720P available
   - OFF: HD mode off, 720P not available

2. Follow the step by step to switch HD Modes as below:

Preference setting

- Audio: Select language for discs with multi-language capabilities.
- Subtitle: Select your preferred subtitle language.
- Disc Menu: To select the disc language.
- Parental: You can set passwords to all rating of playing discs.
  - Enter the password before you change the setup.
- Password: You can change your password with this option. But must enter the original password before change. If you forget the password you set, press 3308 to remove your own password.
- Defaults: To reset the machine’s preferences to the default factory presets.
- Smart NAVI: You can have an Mp3 disc play in a similar mode of a standard disc.
Incorrect operations are often mistaken for trouble and malfunctions. If you suspect that something is wrong with the unit, check the list below, for sometimes the troubles lie within another component. Remember to try inspecting other components and electrical appliances in use. If the trouble cannot be rectified even after exercising the steps listed below, call our Acoustic service center 626-820-0670 to inquire about repairs.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Causes</th>
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| **Reset to factory settings** | Reseting the unit might solve more than 90% of all problems, try steps below: From the front of the unit, press the EJECT button. Within 2 seconds after the tray is ejected, press 000911 then reset the unit. **Operate**<br>1. The disc automatically ejects back out even when the disc tray is closed. **Possible Causes**<br>* The disc is dirty or warped<br>* The disc is not placed properly on the disc table<br>* Region No. does not conform with the unit<br>2. Cannot execute playback.<br>3. Picture disturbance during playback.<br>4. When recorded on a VCR there is disturbance in the playback picture.<br>5. When HAND icon appears on screen.<br>6. Video playback stops and the operation button can not be used.<br>**Remote Control**<br>7. Remote is not functioning.<br>8. Improper operation of TV set, etc., occurs<br>**Audio**<br>9. No audio or distorted sound.<br>10. Noticeable difference in DVD and CD volume.<br>**Karaoke Operations**<br>11. There's no sound from the microphone<br>12. There's feedback and scratching<br>**Video**<br>13. Screen is black & white, wavy, or contains static.<br>**Caution**<br>Abnormal activity of this 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.
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.

Record the model and serial number below and retain this portion of the warranty card for your files:

MODEL ACESONIC DGX-106 SERIAL NUMBER

DATE OF PURCHASE

-----------------------------------------------------------------

Detach this portion and mail it to the factory

MODEL ACESONIC DGX-106 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

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ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO A PERIOD OF ONE (1) YEAR FROM EITHER THE DATE OF ORIGINAL RETAIL PURCHASE OR, IN THE EVENT NO PROOF OF PURCHASE DATE IS AVAILABLE, THE DATE OF MANUFACTURE, SOME STATES OR COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

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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