Button illustrations used in this manual for operation explanation are for the Remote Control Unit. You can operate the unit using the button of the same name on the front panel of the unit.
**IMPOTANT SAFETY INSTRUCTIONS**

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

---

**SAFETY PRECAUTIONS**

**CAUTION:**

RISK OF ELECTRIC SHOCK
DO NOT OPEN

- 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.

**WARNING:**

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

---

**CAUTION:**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. This product should not be adjusted or repaired by anyone except properly qualified service personnel.

- Laser Class (IEC 60825-1:2001)

---

**CAUTION:**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

**PRECAUTION:**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.

La prise secteur est utilisée pour couper complètement l’alimentation de l’appareil et l’utilisateur doit pouvoir y accéder facilement.

**PRECAUCIÓN:**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación eléctrica se utiliza para interrumpir por completo el suministro de alimentación eléctrica a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

---

**ATTENTION:**

- La ventilation ne doit pas être gênée en recouvrant les ouvertures de la ventilation avec des objets tels que journaux, rideaux, tissus, etc.
- Veillez à respecter les lois en vigueur lorsque vous jetez les piles usagées.
- L’appareil ne doit pas être exposé à l’eau ou à l’humidité.
- Ne pas poser d’objet contenant du liquide, par exemple un vase, sur l’appareil.

---

**PRECAUTION:**

- La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos, manteles, cortinas, etc.
- No debe colocarse sobre el aparato ninguna fuente inflamable sin protección, como velas encendidas.
- A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente.
- No exponer el aparato al goteo o salpicaduras cuando se utilice.
- No colocar sobre el aparato objetos llenos de líquido, como jarros.
NOTE ON USE / OBSERVATIONS RELATIVES A L’UTILISATION / NOTAS SOBRE EL USO

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

2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT
This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by DENON may void your authority, granted by the FCC, to use the product.

3. NOTE
This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Copyrights / Droits d’auteur / Derechos de Autor
- It is prohibited by law to reproduce, broadcast, rent or play discs in public without the consent of the copyright holder.
- La reproduction, la diffusion, la location, le prêt ou la lecture publique de ces disques sont interdits sans le consentement du détenteur des droits d’auteur.
- De acuerdo con las leyes está prohibido reproducir, emitir, alquilar o interpretar discos en público sin la autorización del propietario de los derechos de autor.

CAUTIONS ON INSTALLATION
PRÉCAUTIONS D’INSTALLATION
EMPLAZAMIENTO DE LA INSTALACIÓN

- For proper heat dispersal, do not install this unit in a confined space, such as a bookcase or similar enclosure.
- More than 0.1 m (4 in.) is recommended.
- Do not place any other equipment on this unit.
- Ne placez aucun matériel sur cet appareil.
- Para la dispersión del calor adecuadamente, no instale este equipo en un lugar confinado tal como una librería o unidad similar.
- Se recomienda dejar más de 0.1 m (4 pulg.) alrededor.
- No coloque ningún otro equipo sobre la unidad.

- Keep the unit free from moisture, water and dust.
- Protéger l’appareil contre l’humidité, l’eau et la poussière.
- Mantenga el equipo libre de humedad, agua y polvo.
- Do not let foreign objects into the unit.
- Ne pas laisser des objets étrangers dans l’appareil.
- No deje objetos extraños dentro del equipo.
- Do not let insecticides, benzene, and thinner come in contact with the unit.
- Ne pas mettre en contact des insecticides, du benzène et un diluant avec l’appareil.
- No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.

- Unplug the power cord when not using the unit for long periods of time.
- Débranchez le cordon d’alimentation lorsque l’appareil n’est pas utilisé pendant de longues périodes.
- Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.

- Handle the power cord carefully. Hold the plug when unplugging the cord.
- Manipule le cordon d’alimentation avec précaution. Tenez la prise lors du débranchement du cordon.
- Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía.

- Never disassemble or modify the unit in any way.
- Ne jamais démonter ou modifier l’appareil d’une autre façon.
- Nunca desarme o modifique el equipo de ninguna manera.

- Do not obstruct the ventilation holes.
- Ne pas obstruer les trous d’aération.
- No obstruya los orificios de ventilación.

- Do not obstruct ventilation holes.
- Ne pas obstruer les trous d’aération.
- No obstruya los orificios de ventilación.

* For apparatuses with ventilation holes
* (For apparatuses with ventilation holes)
### Contents

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  - Stopping (Resume Function)
  - Skipping to a Desired Chapter/Track/File
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- HDMI Setup
- Video Setup
- Audio Setup
- DENON LINK Setup
- Pure Direct Setup
- Ratings
- Network Setup
- Display Setup
- Other Setup

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- About Advanced AL24 Processing
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### Operations Enabled During Playback
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- Stopping (Resume Function)
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### Playback

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### Other Information

- About DENON LINK
- About Advanced AL24 Processing
- About Copyright Protection Technology
- Trademark Information
- Language Code List
- Country Code List

---

### Troubleshooting

- Once Connections are Complete
- Connecting a Network
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- Connecting to a Digital Recording Device

---

### Specifications

- Screen Display During Playback
- Operation During Playback
**Features**

A Universal Blu-ray Disc player that plays Super Audio CD and DVD-Audio formats

Page 3, 4 “Playable Media”

HDMI control ready

Page 49 “HDMI Control Function”

Newly developed “S. V. H. Mechanism” with low center of gravity, vibration damping, quietness and high accuracy

Equipped with Dolby TrueHD, DTS-HD Master Audio decoder

Compatible with Linear PCM 192 kHz (one of the BD audio formats) and multi channel output (6 ch).

Page 16 “Connecting to a Device with an Analog Multi-channel Audio Input Terminal”

Equipped with Advanced AL24 Processing on all channels to enhance HD audio performance

Detailed picture rendering with minimal distortion; accurate sound location and rich bass.

Achieves playback more faithful to the original sound on all channels.

GUI equipped for excellent operability and visibility

Page 22 “GUI Menu Operation”

Jitter-free transmission thanks to a fusion of DENON LINK 4th generation and HDMI transmission technology

In addition to multi-channel, digitally balanced transmission of Super Audio CD achieved in 3rd generation, DENON LINK 4th generation provides jitter control functionality during digital signal transmission. (described as 3rd or 4th in the following sentences)

Page 17 “DENON LINK Connection 1 Making a Jitter-free Connection”

Employs 6-block construction to eliminate both electrical and magnetic interference

**Getting Started**

Thank you for purchasing this DENON product. To ensure proper operation, please read this owner’s manual carefully before using the product.

After reading the manual be sure to keep it for future reference.

**Accessories**

Check that the following parts are supplied with the product.

1. Owner’s manual…………………………………………………………. 1
2. Service station list……………………………………………………… 1
3. Power cord (Cord length: Approx. 5.9ft/1.8m) …………. 1
4. Remote control (RC 1140) …………………………………………... 1
5. R6/AA batteries …………………………………………………… 2
6. DENON LINK cable (Cord length: Approx. 4.9ft/1.5m) ………… 1
7. Audio cable (Cord length: Approx. 4.9ft/1.5m) ………………… 1
8. Video cable (Cord length: Approx. 4.9ft/1.5m) …………………… 1
9. Warranty (for North America model only) …………………… 1

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7. Audio cable (Cord length: Approx. 4.9ft/1.5m) ………………… 1
8. Video cable (Cord length: Approx. 4.9ft/1.5m) …………………… 1
9. Warranty (for North America model only) …………………… 1
Cautions on Handling

• Before turning the power switch on
  Check once again that all connections are correct and that there are no problems with the connection cables.
  Power is supplied to some of the circuitry even when the unit is set to the standby mode. When leaving home for long periods of time, be sure to unplug the power cord from the power outlet.

• Image persistence (image burn-in)
  Do not leave still images of the disc menu, DBP A100 menu, etc., displayed on the TV screen for long periods. This can result in image persistence (image burn in) on the screen.

• About Condensation
  If the DBP A100 unit is moved from a cold place to a warm place, or installed in a room subject to rapid temperature rise from a heater, etc., condensation may form on parts inside the unit (operating parts and lenses).
  If used under this condition, the DBP A100 will not operate correctly and damage may result. If condensation forms on the unit, leave the DBP A100 off for 1 to 2 hours before using it again.

• Cautions on using mobile phones
  Using a mobile phone near this unit may result in noise. If that occurs, move the mobile phone away from the unit when it is in use.

• Moving the unit
  Be sure to remove a disc, turn off the power and unplug the power cord from the power outlet. Next, disconnect the connection cables to other system equipment before moving the unit.

• About Care
  • Wipe the cabinet and control panel clean with a soft cloth.
  • Follow the instructions when using a chemical cleaner.
  • Benzene, paint thinner or other organic solvents, as well as insecticide, may cause material changes and discoloration if brought into contact with the unit, and should, therefore, not be used.

• Proper Ventilation
  If the unit is left in a room full of the smoke from cigarettes, etc., for long periods of time, the surface of the optical pickup may get dirty, preventing it from receiving signals improperly.

  • Note that for explanatory purposes the illustrations in these instructions may differ from the actual unit.

About Media

Playable Media

Discs

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<td>Super Audio CD</td>
<td>SA-CD</td>
<td>Include region</td>
<td>SA-CD</td>
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<td>CD</td>
<td>CD</td>
<td>Include region</td>
<td>CD</td>
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<tr>
<td>CD R</td>
<td>CD</td>
<td>Include region</td>
<td>CD</td>
</tr>
<tr>
<td>CD RW</td>
<td>CD</td>
<td>Include region</td>
<td>CD</td>
</tr>
</tbody>
</table>

*1: BD Video/DVD Audio/DVD Video discs may not operate as described in this manual due to menu structure.
*2: BD players and BD Video discs, and DVD players and DVD Video discs each have their region codes (codes assigned for each region). Playback is not possible if the codes do not match.
**About Media**

**NOTE**
- A disc may not be accessible or may play incorrectly due to audio and video interruptions, etc., depending on the recording conditions when recorded with a BD recorder or DVD recorder.
- Unfinalised DVD R/ RW/+R/ RW, and CD R/ RW discs may not play back. Finalize discs before playing.

The following discs will not play back on this unit.
- BD RE Ver 1.0 (BD disc with cartridge)
- BD ROM/BD R/BD RE discs containing recorded movie, still image, audio, and/or other files
- BD R/BD RE in which BDMV/BDAV is recorded
- HD DVD
- DVD RAM
- CDV (Only the audio part can be played)
- CD G (Only the audio signals can be output)
- Non standard CD (CD with copy protection, etc.)
- Unauthorised disc (Pirated disc)
- Disc with recording area less than 55 mm in diameter
- Video Single Disc (VSD) / CVD / Video CD / Super Video CD / CompactDisc Interactive (CD I) / Photo CDs
- SD Memory Cards
- SDHC Memory Cards

**Symbols Used in this Owner's Manual**

**Playing cards**
- SD Memory Cards × 1 (8 MB ~ 2 GB)
- miniSD Cards × 2 (8 MB ~ 2 GB)
- microSD Cards × 2 (8 MB ~ 2 GB)

**Playing files**
- SD Memory Cards (FAT16 file systems, and SDHC Memory Cards with FAT32 file systems)

**NOTE**
- This unit supports SD Memory Cards with FAT16 file systems, and SDHC Memory Cards with FAT32 file systems.
- This unit does not support mini SDHC and micro SDHC Memory Cards.
- Insert or remove your SD Memory Card while the power is in standby. If you insert a SD Memory Card while the power is ON, the SD Memory Card may not be read.
- The SD card used for the Bonus View function must have a capacity of 1GB or greater. Also the SD card must be initialized on the DBP A100 (page 31).

**Playable Media**
- DVD/ RW/ +R/ RW
- SD Memory Cards
- SD

**Files**

<table>
<thead>
<tr>
<th>File Type</th>
<th>Playable Media</th>
<th>File specification</th>
</tr>
</thead>
</table>
| MP3 (.mp3) | No | - Sampling frequency: 44.1 kHz, 48 kHz
| WMA (.wma) | No | - Sampling frequency: 44.1 kHz, 48 kHz
| AAC (.m4a) | No | - Sampling frequency: 44.1 kHz, 48 kHz
| LPCM (.wav) | No | - Sampling frequency: 44.1 kHz, 48 kHz
| JPEG (.jpg/.jpeg) | No | - Maximum resolution: 4,096 x 4,096 pixels
| DivX (.avi/.divx) | No | - Maximum file size: 12 MB

**NOTE**
- This unit cannot play files recorded under DRM (Digital Rights Management) other than DivX® files.
- The abovementioned file type may also fail to play back depending on conditions at the time of recording.
- If characters not supported on the menu screen are included in a file name, title, artist name or album title, they will not display correctly.
- JPEG images stored in the progressive format cannot be viewed.
**About DivX® Video-on-Demand (VOD)**

- When you purchase or rent a DivX® file through the official site of DivX Video On Demand (VOD) services, a DBP A100 registration code is required. For details, see “DivX® Registration” (page 29).
- A DivX® VOD file recorded with a different code from the DBP A100 registration code cannot be played back.
- Some DivX® VOD files are restricted to a certain number of playable times. If your DivX® VOD file has such a limit, the number of playable times is displayed on the DivX VOD display screen.

Use to select “Yes” if you want to play a file, or to select “No” if you do not want to play it. Then, press OK to confirm the selection.

**NOTE**

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO ON DEMAND: This DivX Certified® device must be registered in order to play DivX Video on Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

**About Discs and Files**

- **BD-Video, DVD-Video**
  BD/DVD Video discs are divided into several large sections (titles) and small sections (chapters). These sections are all allotted numbers, called title numbers and chapter numbers.

  [Example]

  ![BD, DVD](Image)

- **Super Audio CD**
  [Type of Super Audio CD]
  - **Single layer disc**
    - Single layer Super Audio CD with only an HD layer.
  - **Dual layer disc**
    - Super Audio CD with a double HD layer, offering extended playing time and high sound quality.
  - **Hybrid disc**
    - Two layer Super Audio CD with an HD layer and a CD layer. The signals on the CD layer can be played on a regular CD player.

  ![Super Audio CD](Diagram)

  All Super Audio CDs contain an HD (High Density) layer with high density Super Audio CD signals. This layer can contain a stereo channel area, a multi channel area, or both a stereo channel and multi channel area.

- **DVD-Audio**
  DVD Audio discs are divided into several large sections (groups) and small sections (tracks). These sections are all allotted numbers, called group numbers and track numbers.

  ![DVD-Audio](Diagram)

  When writing MP3/WMA/AAC/JPEG/DivX® files on a CD R/ RW disc, set the writing software’s format to “ISO9660”. The files may not play properly if they are recorded in other formats. For details, refer to the instructions of your writing software.

- **CD**
  CDs are divided into several sections (tracks). These sections are all allotted numbers called track numbers.

  ![CD](Diagram)

- **File**
  MP3/WMA/AAC/LPCM/JPEG/DivX® files recorded on DVD R/ RW+/R/+RW, CD R/ RW and SD Memory Card are divided into large segments (folders) and small segments (files). Files are stored in folders, and folders can be placed for storage in a hierarchy. The DBP A100 can recognize up to 8 levels of folders.

  ![File](Diagram)

- **Connections**
  - BD-Video, DVD-Video
  - Hybrid disc
  - DivX Video on Demand
  - HDMI Control Function
  - Information
  - Troubleshooting
  - Specifications
About Media

Cautions on Using Media

Inserting a Disc

- Set the disc in the tray label side up.
- Make sure the disc tray is fully open when inserting the disc.
- Place the disc horizontally in the tray, aligned with the tray guide.

If a disc that cannot be played is loaded or the disc is loaded upside down, “NO DISC” is displayed on the player’s display.

**NOTE**

- Only load one disc at a time. Loading two or more discs can damage the unit or scratch the discs.
- Do not use cracked or warped discs or discs that have been repaired with adhesive, etc.
- Do not use discs on which the sticky part of cellophane tape or labels is exposed or on which there are traces of where labels have been removed. Such discs can get caught inside the player and damage it.
- Do not use discs in special shapes, as they may damage the player.
- Do not push the disc tray in by hand when the power is off. Doing so could damage the set.

How to Handle Media

- Do not get fingerprints, oil or dirt on discs.
- Take special care not to scratch discs when removing them from their cases.
- Do not bend or heat discs.
- Do not enlarge the hole in the center.
- Do not write on the labeled (printed) surface with ball point pens, pencils, etc., or stick new labels on discs.
- Condensation may form on discs if they are moved suddenly from a cold place (outdoors for example) to a warm place, but do not try to dry discs with a hairdryer, etc.
- Do not eject a SD Memory Card or turn off the DBP A100 while a card is being played. This may result in malfunction or loss of the card’s data.
- Do not attempt to open or modify SD Memory Cards.
- Do not use warped SD Memory Cards.
- After use, be sure to remove any disc or SD Memory Card, and store it in its proper case, to avoid dust, scratches and deformation.
- Do not store discs in the following places:
  1. Places exposed to direct sunlight for long periods of time
  2. Dusty or humid places
  3. Places exposed to heat from heaters, etc.

Cleaning Discs

- If there are fingerprints or dirt on a disc, wipe them off before using the disc.
- Use a commercially available disc cleaning set or a soft cloth to clean discs.

**NOTE**

Gently wipe the disc from the inside towards the outside. Do not wipe with a circular motion.

About Copyrights

- Unauthorized copying, broadcasting, public performance and lending of discs are prohibited.
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights.
- This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.
- Portions of this product are protected under copyright law and provided under license by ARIS/SOLANA/4C.
About the Remote Control

Inserting the Batteries

1. Remove the rear cover.
2. Set three R6/AA batteries in the battery compartment in the indicated direction.
3. Put the rear cover back on.

NOTE

- Use R6/AA batteries in this remote control.
- Replace the batteries with new ones if the set does not operate even when the remote control is operated close to the unit. (The supplied batteries are only for verifying operation.)
- Be sure to insert the batteries in the proper direction, following the “q” and “w” marks in the battery compartment.
- To prevent damage or leakage of battery fluid:
  - Do not use a new battery with an old one.
  - Do not use two different types of batteries.
  - Do not attempt to charge dry batteries.
  - Do not short circuit, disassemble, heat or dispose of batteries in a fire.
- If the battery fluid leaks, carefully wipe the fluid off the inside of the battery compartment and insert new batteries.
- Remove the batteries from the remote control if it will not be used for a long time.
- Used batteries should be disposed of in accordance with local regulations on battery disposal.

Operating Range of the Remote Control

Operate the remote control while pointing it at the remote sensor.

NOTE

The set may function improperly or the remote control may not operate if the remote control sensor is exposed to direct sunlight, strong artificial light from an inverter type fluorescent lamp or infrared light.

Remote Control Settings (Remote Control Side)

Switches when the DBP-A100’s remote control operates another DENON BD players in the vicinity.

Set the remote control code simultaneously on the main unit, too. For instructions on setting codes, see GUI menu: “Other Setup” “Remote Control setting” “Remote ID” (page 31).

Remote control code setting

1. Set the remote control code to “1”.
2. Set the remote control code to “2”.

Example

If the code setting on the unit is “DENON 1”, and the setting on the remote control is “2”, “PLAYER 1” is shown on the display.

NOTE

- Match the signal code of the remote control with the signal code of the unit. If the remote control code is different, you cannot operate the DBP A100 with the remote control.
- Even if you change the remote control code, set the GUI menu “Other Setup” “Remote Control setting” “Receive Legacy Remote” (page 31) to “Off” when operating the DBP A100 with a remote control other than DENON’s.
Part Names and Functions

Front Panel

For buttons not explained here, see the page indicated in parentheses ( ).

Display

1. Playback mode indicators
   - During Playback
   - During pause and step by step playback
   - During program playback
   - During random playback
   - During repeat playback

2. Information display
   Displays various information or playback elapsed time and so on of the disc.

3. Playback format indicators
   - Downmix indicator
     Displayed when playing back downmix permitted audio.
   - Angle information indicator
     Displayed when a scene on the currently playing disc has been shot at various angles.

4. Media indicators
   - BD : BD
   - DVD : DVD Video, DVD R/+R/ RW/+RW
   - DVD AUDIO : DVD Audio
   - SUPER AUDIO CD : Super Audio CD
   - CD : CD
   - SD : SD Memory Card

5. Time mode indicators
   - TOTAL : Total time of Super Audio CD and CD
   - SING : Elapsed time of title/chapter/track/file being played
   - REM : Remaining time of title/chapter/track/file being played

6. Group/Title/Track/Chapter indicators

7. HDMI output indicator
   Display when HDMI video or audio signals are being output.

When power is in standby mode, press 1 and 2 to turn the power on.
Rear Panel

For buttons not explained here, see the page indicated in parentheses ( ).

1. 7.1ch AUDIO OUT connectors .......................... (16)
2. VIDEO OUT connector .............................. (18)
3. S-VIDEO OUT connector ............................ (18)
4. COMPONENT VIDEO OUT connectors .......... (18)
5. ROOM TO ROOM IN/OUT jacks
   Extension jack for future use.
6. RS-232C connector
   Extension connector for future use.
7. AC inlet (AC IN) ......................................... (20)

1. ETHERNET connector .................................. (19, 20)
2. HDMI OUT connectors ............................... (13)
3. DENON LINK 4th connector ........................ (17)
4. DIGITAL OUT OPTICAL/COAXIAL connectors ............................................. (15)
5. 2ch AUDIO OUT connectors ...................... (18)

For software recorded in multi channel, analog signals that have been down mixed into 2 channels are output.

NOTE

- Do not touch the inner pins of the connectors on the rear panel. Electrostatic discharge may cause permanent damage to the unit.
- Do not put your finger or foreign objects in the fan opening. Doing so could cause injury or unit failure.
- When outputting audio from a DTS HD 7.1 channel source to HDMI or analog 7.1 channel audio, and to 2 channel analog audio, perform the following settings so that the audio is down mixed to the correct 2 channel analog audio output signal as intended by the producer of the source and DTS, Inc.
- In “HDMI Setup”, set “Audio Setup” to “2Ch” (page 23).
- In “Audio Setup”, set “7.1ch Audio Out” to “2 Channel” (page 25).

If “Audio Setup” in “HDMI Setup” and “7.1ch Audio Out” in “Audio Setup” are not set to “2Ch” or “2 Channel” respectively, 2 channel analog audio is output using this unit’s own downmix. In this case, the downmix may differ from that intended by the producer of the source and DTS, Inc.
For buttons not explained here, see the page indicated in parentheses ( ).

- Remote control signal transmitter ...........................................(7)
- POWER buttons (POWER OFF, POWER ON) ..............................(20)
- HDMI RESOLUTION button (HDMI RES.) ..............................(13)
- HDMI MODE button ...................................................................(14)
- Number buttons (0 ~ 9, +10) .....................................................(35, 36)
- MODE button ............................................................................(22)
- DIMMER button ...........................................................................(47)
- Top MENU button (T) .................................................................(36)
- ENTER button .............................................................................(22)
- SETUP button (S) .......................................................................(21)
- Fast-reversing button (►◄) .........................................................(43)
- Pause/Still button (II) .................................................................(41, 43)
- Reverse-skip button (◄◄) .........................................................(41)
- ANGLE button ............................................................................(47)
- DISPLAY button .........................................................................(34)
- RED/GRN/BLU/YEL buttons ......................................................(34)
- PURE DIRECT button .................................................................(38)
- PICTURE ADJUST button ..........................................................(33)
- SOURCE button ..........................................................................(34)
- Disc tray OPEN/CLOSE button (△) .............................................(34)
- PROGRAM/DIRECT button (PROG/DIRECT) .............................(45)
- RANDOM button .........................................................................(44)
- CLEAR button ............................................................................(33)
- SEARCH button (SRCH) ............................................................(37)
- CALL button ................................................................................(45)
- REPEAT button ..........................................................................(44)
- A-B button ................................................................................(44)
- MENU/POP UP MENU button ....................................................(36)
- Cursor buttons (△▼◄►) ..............................................................(22)
- RETURN button (R) ...................................................................(22)
- Play button (►) ............................................................................(37)
- Fast-forwarding button (►►) ......................................................(43)
- Stop button (■) ............................................................................(41)
- Forward-skip button (►►) ..........................................................(41)
- SUBTITLE button .......................................................................(46)
- AUDIO button ...........................................................................(45, 46)
- PAGE + button ...........................................................................(38)
- DISC LAYER button ....................................................................(37)

- When power is in standby, press ① and ⑩ to turn the power on.
- You can use ⑰ when operating the BD popup menu screen, etc.
Connections

Connect the DBP-A100 as follows before using. Make connections according to the equipment you are connecting. Some DBP-A100 settings may be necessary depending on the connection method. Check each connection item for more information.

1 Home Theater Playback – Playing on a Multi-Channel System –
   Multi-channel Audio + Video
   • HDMI connection
     “Using an HDMI Cable to Connect to an AV Amp or Television” (page 13)
   • DENON LINK connection
     “Making a Jitter free Connection” (page 17)
   • Digital audio connection
     “Connection to an AV Amp with No HDMI Audio Input” (page 15)
   • Analog 7.1ch connection
     “Connecting to a Device with an Analog Multi channel Audio Input Terminal” (page 16)
   Video
   • Analog video connection
     “Connection to an AV Amp with No HDMI Video Input” (page 17)

2 Playing with a Direct Connection to a TV
   Audio + Video
   • HDMI connection (page 13)
   • Analog audio connection (page 18)
   • Analog video connection (page 18)

3 Playing 2-Channel Audio
   • 2-ch stereo pin plug cable (unbalanced) connection
     “Connecting to a Device with Analog 2 channel Audio Input Terminal with Stereo Pin Plug Cable” (page 18)

4 Recording a CD
   Digital output
   “Connecting to a Digital Recording Device” (page 15)

5 Using the BD-LIVE function or updating the software version of DBP-A100
   • LAN connection
     “Connecting to a Network” (page 19)

• Connecting the Power Cord
• Once Connections are Completed
## Preparation

### Connecting Cables

Prepare cables corresponding to the devices you choose.

<table>
<thead>
<tr>
<th>Audio and video cables</th>
<th>Audio cables</th>
<th>Video cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI connections (Sold separately)</td>
<td>Coaxial digital connections (Sold separately)</td>
<td>Component video connections (Sold separately)</td>
</tr>
<tr>
<td>Video cables</td>
<td>Optical digital connections (Sold separately)</td>
<td>S-Video connections (Sold separately)</td>
</tr>
<tr>
<td>Connections</td>
<td>Analog connections (stereo, surround) (1 included)</td>
<td>Video connections (Included)</td>
</tr>
<tr>
<td>(Sold separately)</td>
<td>Analog connections (center, subwoofer) (Sold separately)</td>
<td>Other cables</td>
</tr>
<tr>
<td></td>
<td>Stereo pin plug cable</td>
<td>DENON LINK connections (Included)</td>
</tr>
<tr>
<td></td>
<td>Pin plug cable</td>
<td>Network connections (Sold separately)</td>
</tr>
</tbody>
</table>

### Audio cables
- Coaxial digital (75 Ω pin plug) cable
- Optical cable
- Stereo pin plug cable
- Pin plug cable

### Video cables
- Component video (75 Ω) cable
- S Video cable
- 75 Ω pin plug video cable

### Other cables
- DENON LINK cable
- Ethernet cable

### NOTE
- Do not plug the power cord into the power outlet until all connections are complete.
- Be sure to read the owner’s manuals for connected devices.
- First check the connection channels and then correctly connect the input and output channels.
- Do not bundle the power cord with connection cables. This can result in noise.
- Use only HDMI (High Definition Multimedia Interface) cables that bear the HDMI logo (genuine HDMI product). Using cables without the HDMI logo (non genuine HDMI product) may result in abnormal playback.
- When outputting deep colour or 1080p, etc., we recommend you use a High Speed HDMI cable for enhanced, high quality playback.
1. Home Theater Playback – Playing on a Multi-channel System –

Using an HDMI Cable to Connect to an AV Amp or Television

- When connecting with an HDMI cable, press [HDMI] and set it to “HDMI On”.
- Your DBP-A100 automatically detects the audio/video signal supported by the connected HDMI device and outputs the signal. To change the setting, see “HDMI Setup” on the GUI menu (page 23, 24).

**NOTE**
- When you press [HDMI] and set it to “HDMI On”, no video signals are output from the component video outputs.
- To disable video or audio output from the HDMI terminal, set the “Video Out” of the “Pure Direct Setup”, which outputs high quality analog audio, to “Off”. To enable the HDMI signal output, set the Pure Direct mode to one of the following settings: Pure Direct mode “Off” or “User Preset 1” or “User Preset 2” (“Playing Back High Quality Audio (Pure Direct Function)” (page 38)

With “HDMI On”

Audio/video signals are output from the HDMI terminal. When the HDMI video resolution is set to “Auto” as described in “HDMI Video Resolution Settings” (page 13), the DBP-A100 outputs the highest resolution video signal that is supported by the connected equipment.

**NOTE**
- When audio/video signals are output from the HDMI terminal, no video signals are output from the component terminals.
- When a signal comprising 24 frames per second, such as 1080P24, is output from the HDMI terminal, no video signals are output from the video or S Video outputs.

With “HDMI Off”

Audio/video is not output from the HDMI terminal.

- Connection to a device with a DVI-D terminal
  If you use a HDMI/DVI D conversion cable (sold separately), HDMI video signals are converted to DVI D signals, enabling connection to a device with a DVI D terminal.
  **NOTE**
  - In this case, the audio signal is not output. Make the appropriate audio connections for your devices.
  - The video signal will be in RGB format.
  - You cannot output to a DVI D device that does not support HDCP (high bandwidth digital content copyright protection system).
  - Video may not be output depending on the combination of devices.

Required Settings for HDMI Connection

Setting HDMI Video Output

- Make HDMI Output Signal and HDMI Control Function Settings
  “HDMI Setup” (page 23, 24)

- Make the Video Output Signal Setting for the Connected Television
  “Video Setup” (page 24)

- HDMI Video Resolution Settings
  - Change the HDMI video resolution by pressing [HDMI]. Switch the output mode as follows. The default settings is underlined.

<table>
<thead>
<tr>
<th>Resolution</th>
<th>HDMI Video Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto (Auto)</td>
<td>Source Direct (Source direct)</td>
</tr>
<tr>
<td>1080P24 (1080 progressive, 24 frame)</td>
<td>1080P (1080 progressive)</td>
</tr>
<tr>
<td>1080i (1080 interlaced)</td>
<td>720P (720 progressive)</td>
</tr>
<tr>
<td>480/576P</td>
<td>480/576i</td>
</tr>
<tr>
<td>480/576P (480/576 interlaced)</td>
<td>480/576 progressive</td>
</tr>
</tbody>
</table>

- If the HDMI resolution is not set to “Auto”, set it to correspond with the resolution of your television. Images will not be projected normally if the television resolution and DBP-A100’s output resolution do not match.
- Audio and video will be temporarily interrupted if the power of the connected device currently playing is turned off, or the input is switched.
- When you change the HDMI video resolution of the DBP-A100, it takes a few seconds up to about 10 seconds for validation between the DBP-A100 and the connected device. Audio/video is not output during this period.
- When outputting deep colour or 1080p, etc., we recommend you use a High Speed HDMI cable for enhanced high quality playback.

When outputting a video signal comprising 24 frames per second from the HDMI terminal, select “1080P24” or “Source Direct” after setting the GUI menu “HDMI Setup” “I/P Direct” (page 23) to “On”.

See overleaf
## Setting HDMI Audio Output

- When you press and set “HDMI Setup” → “Audio Setup” to “Auto” (page 23) on the GUI menu, the audio mode is set according to the connected device.
- When you want to set the HDMI audio output to one of your choosing change it according to the following table.
- Refer to the owner’s manual of the connected device for HDMI audio input specifications compatible with the connected device.

### Devices to be connected

- Devices with the following built-in decoders
  - Dolby TrueHD
  - Dolby Digital Plus
  - Dolby Digital
  - DTS HD
  - DTS

### Setting “HDMI Setup” → “Audio Setup” (page 23) on the GUI menu

<table>
<thead>
<tr>
<th>Media/Files</th>
<th>Audio format</th>
<th>Setting “HDMI Setup” → “Audio Setup” (page 23) on the GUI menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD</td>
<td>Dolby Digital</td>
<td>Dolby Digital #1</td>
</tr>
<tr>
<td></td>
<td>Dolby Digital Plus</td>
<td>Dolby Digital Plus #1</td>
</tr>
<tr>
<td></td>
<td>Dolby TrueHD</td>
<td>Dolby TrueHD #1</td>
</tr>
<tr>
<td></td>
<td>DTS</td>
<td>DTS #1</td>
</tr>
<tr>
<td></td>
<td>DTS HD</td>
<td>DTS HD #1</td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>Multi LPCM</td>
</tr>
</tbody>
</table>

- AVCHD
  - Dolby Digital
  - LPCM

- DVD Video
  - Dolby Digital
  - LPCM
  - DTS

- DVD Audio
  - LPCM, PCM
  - Multi LPCM

- Super audio CD #2
  - Multi area
  - Stereo area
  - 2 channel LPCM

- DivX®
  - Dolby Digital
  - Multi LPCM
  - MP3, MP2

- CD, MP3, WMA, AAC, LPCM
  - Multi LPCM

### Media/Files

- Audio signal from the HDMI output terminal

You can change the audio format and playback the number of channels according to the specifications of the device to which the DBP A100’s HDMI audio output signals are input. Make settings while checking the specifications of the audio device to be connected as well as the audio format/number of channels stored in media and files for playback.

<table>
<thead>
<tr>
<th>Media/Files</th>
<th>Audio format</th>
<th>Setting “HDMI Setup” → “Audio Setup” (page 23) on the GUI menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD</td>
<td>Dolby Digital</td>
<td>Dolby Digital #1</td>
</tr>
<tr>
<td></td>
<td>Dolby Digital Plus</td>
<td>Dolby Digital Plus #1</td>
</tr>
<tr>
<td></td>
<td>Dolby TrueHD</td>
<td>Dolby TrueHD #1</td>
</tr>
<tr>
<td></td>
<td>DTS</td>
<td>DTS #1</td>
</tr>
<tr>
<td></td>
<td>DTS HD</td>
<td>DTS HD #1</td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>Multi LPCM</td>
</tr>
</tbody>
</table>

*1: Multi LPCM signals are output when “BD Audio Mode” is set to “Mix Audio Output” (page 23). Multi LPCM signals are output when outputting HDMI video signals with resolutions of 480i/576i or 480p/576p.

*2: Super Audio CD audio signals are output at 44.1 kHz 16 bit.

Even if “HDMI Setup” → “Audio Setup” on the GUI menu is set to “Auto” (page 23), multi-linear PCM or downmixed 2 channel linear PCM signals are output if a device that does not support bitstream is connected.
Copyright protection system

In order to play back digital video and audio such as BD Video or DVD Video via HDMI connection, both the player and TV or the AV Amp need to support the copyright protection system known as HDCP (High bandwidth Digital Content Protection System). HDCP is copyright protection technology comprising data encryption and authentication of the connected AV device. Our DBP A100 supports HDCP.

NOTE

- If a device that does not support HDCP is connected, video and audio are not output correctly. Read the owner’s manual of your television or AV Amp for more information.
- The audio signal from the HDMI output terminal (sampling frequency, number of channels, etc.) may be limited by the HDMI audio specifications of the connected device for permissible inputs. For example, if the HDMI audio specification of the connected device is 5.1 channels, 5.1 channel audio will be automatically output even when playing back 7.1 channels on the DBP A100. In this case, analog audio output will also be 5.1 channel.
- Audio signal input may not be supported depending on the HDMI compatible monitor (projector, etc.) being used. When the DBP A100 is connected to this kind of device, audio signals are not output from the HDMI terminal.

Connecting to an AV Amp with No HDMI Audio Input

When playing back Dolby Digital Plus/Dolby TrueHD/DTS HD audio recorded on a BD disc, the DBP A100 outputs Dolby Digital or DTS bitstream from its digital audio output terminal.

NOTE

- Dolby TrueHD/Dolby Digital Plus/DTS HD audio signals are not output with this connection. When outputting Dolby TrueHD/Dolby Digital Plus/DTS HD audio signals, do so with an HDMI connection (page 13, “Using an HDMI Cable to Connect to an AV Amp or Television”).
- Super Audio CD’s DSD signal cannot be output. Also, during CD layer playback, 44.1 kHz/16 bit Linear PCM is output.
- Do not output DTS audio signals to an AV Amp that does not support DTS. Playing back a BD/DVD disc with recorded DTS content can generate noise and even damage your speakers.
- When connecting with an optical transmission cable (sold separately), make sure the plug shape aligns with the socket, and insert fully.
1. Home Theater Playback  Playing Back Using Multi-channel System

Audio Signal from the Digital Audio Output (Optical/Coaxial) Terminal

The DBP A100 can convert and output digital audio signal format recorded on various media. Convert the digital audio signal in accordance with the specifications of the device that is to input digital audio output signals from the DBP A100.

### Media/Files

<table>
<thead>
<tr>
<th>Media/Files</th>
<th>Audio format</th>
<th>Setting “Audio Setup” on the GUI menu</th>
<th>“Digital Out” (page 27) on the GUI menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD</td>
<td>Dolby Digital</td>
<td>Dolby Digital *1</td>
<td>Bitstream/PCM/PCM Down Sampling</td>
</tr>
<tr>
<td></td>
<td>Dolby Digital Plus</td>
<td>Dolby Digital*1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dolby TrueHD</td>
<td>DTS *1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS HD</td>
<td>DTS HD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>2 ch Downmix LPCM*1</td>
<td></td>
</tr>
<tr>
<td>AVCHD</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>2 ch Downmix LPCM</td>
<td></td>
</tr>
<tr>
<td>DVD Video</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM</td>
<td>2 ch Downmix LPCM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DTS</td>
<td>DTS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LPCM, MPEG</td>
<td>2 ch Downmix LPCM</td>
<td></td>
</tr>
<tr>
<td>DVD Audio</td>
<td>LPCM, PPCM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Super Audio CD</td>
<td>Multi area</td>
<td>Audio is not output</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stereo area</td>
<td>Audio is not output</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CD layer</td>
<td>2 ch LPCM</td>
<td></td>
</tr>
<tr>
<td>DivX®</td>
<td>Dolby Digital</td>
<td>Dolby Digital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MP3, MP2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD</td>
<td></td>
<td>2 ch LPCM</td>
<td></td>
</tr>
<tr>
<td>MP3, WMA, AAC, LPCM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DTS CD</td>
<td>DTS</td>
<td>2 ch Downmix LPCM (DTS *2)</td>
<td></td>
</tr>
</tbody>
</table>

*1: Bitstream signals are output according to the BD re encode setting when “BD Audio Mode” is set to “Mix Audio Output” (page 32).

*2: When “HDMI Setup” ”Audio Setup” is set to “Auto” on the GUI menu and bitstream is output from the HDMI, the DTS bitstream is output from the digital audio output (optical/coaxial) as well.

For content with copyright protection, audio signal is down sampled to 48kHz 16bit and output.

Connecting to a Device with an Analog Multi-channel Audio Input Terminal

Outputs multi channel audio decoded by the DBP A100. If your audio system has an analog multi channel audio input terminal, connect using audio cable (sold separately).

In the case of a 5.1 channel connection, you do not need to connect the SBR, SBL terminals. In this case, on the GUI menu, select “Audio Setup” “7.1ch Audio Out” “Multi Channel” “Speaker Configuration” “Surr. Back”, and set “Size” to “None” (page 25).
1. Home Theater Playback  Playing Back Using Multi-channel System

**DENON LINK Connection ① Making a Jitter-free Connection**

When you connect the DBP A100 to a DENON LINK 4th compatible AV Amp using a DENON LINK cable and HDMI cable, during BD playback the DBP A100’s circuit operates with the AV Amp’s master clock signal. (The clock control indicator of the DBP A100 lights.) This enables transmission of high quality digital audio with minimal jitter.

- **NOTE**
  - When using DENON LINK 4th functions, press the and set to “HDMI On”.
  - The jitter free function does not work except during BD playback. In this case, the video signal is output from the HDMI OUT terminal, and the audio signal from the DENON LINK terminal.

**DENON LINK Connection ② Making a Normal Connection**

- When connecting to a DENON LINK compatible AV Amp, the multi channel signals of DVD Audio discs, Super Audio CDs, etc., can be transferred as such in digital format.
- The DENON LINK connection requires the version of AV Amp to be connected to match the DBP A100 version. Check the version of the AV Amp, and then on the GUI Menu, set “DENON LINK Setup” “DENON LINK Mode” (page 28).
  - If the DBP A100 and AV Amp versions do not match, audio cannot be output correctly.

- **NOTE**
  - DENON LINK does not support BD audio transmission.
  - DENON LINK supports digital transmission up to 24 bit/2 ch at 192/176.4 kHz, and up to 24 bit/6 ch at 96 kHz or less.
  - When you have made a DENON LINK connection, the DBP A100’s speaker setting becomes invalid. (Make the speaker setting on the connected AV Amp)
  - DENON LINK 2nd cannot transmit multi/stereo area audio of a Super Audio CD.

**Connecting to an AV Amp with No HDMI Video Input**

- Check the video terminals and connect to one of them.
- When connecting using the component video outputs, press and set it to “HDMI Off”.
2. Playing with a Direct Connection to a TV

Check the television’s audio and video terminals and connect to one of them.

Audio terminals | Video terminal | S-Video input terminal | Component video input terminal | HDMI input terminal
---|---|---|---|---
TV AUDIO IN R L | TV VIDEO IN | TV S-VIDEO IN | TV COMPONENT VIDEO IN | TV HDMI IN
(supplied) | (supplied) | (Sold separately) | (Sold separately) | (Sold separately)

**NOTE**

Do not connect the DBP A100’s video output via a VCR (Video Cassette Recorder). Some media contain copy prohibiting signals, which will disturb the screen image.

When playing an NTSC disc, the DBP A100’s video output changes to the NTSC signal format.

When playing a PAL disc, the DBP A100’s video output changes to the PAL signal format.

**NOTE**

When connected to the television’s component video input terminal

- The DBP A100’s component video output supports 480i/576i/480p/576p/720p/1080i output. Match the output to the corresponding resolution of the connected television by setting on the GUI menu: “Video Setup” “Component Resolution” (page 24). Images will not be projected normally if the television resolution and DBP A100’s output resolution do not match. Copyright protected DVDs are output in 480i/576i or 480p/576p.

When you press and set it to “HDMI On”, no video signals are output from the component video terminals. When using the component video terminals, set the HDMI mode to “HDMI Off”.

3. Playing Back 2-Channel Audio

Connecting to a Device with Analog 2-channel Audio Input Terminals with a Stereo Pin Plug Cable

**When connecting using the analog 2-channel audio output terminals**

For software recorded in multi channel, an analog signal down mixed to 2 channels is output.

**When connecting using the analog 7.1-channel audio output terminals**

On the GUI menu, select “Audio Setup” “7.1ch Audio Out”, and set it to “2 channel” (page 25).

For software recorded in multi channel, an analog signal down mixed to 2 channels is output.
4. Recording a CD

When converting multi channel audio to 2 channel for output, select “Audio Setup” “Digital Out” on the GUI menu and set it to “PCM Down Sampling” (page 27). If you play back DVD or other media with an incorrect configuration, a deafening noise occurs that may damage your speakers.

5. Using BD-LIVE function or updating the software version of DBP-A100

Connecting to a Network

- You can use a disc that offers the BD LIVE function by connecting the unit to the Internet (page 36).
- You can update by downloading the latest firmware from the Internet.
- For more information, on the GUI menu select “Other Setup” “Firmware Update” (page 31).
- You can also operate this unit from a computer using the Web control function (page 47).

When converting multi channel audio to 2 channel for output, select “Audio Setup” “Digital Out” on the GUI menu and set it to “PCM Down Sampling” (page 27). If you play back DVD or other media with an incorrect configuration, a deafening noise occurs that may damage your speakers.

See “Network Setup” (page 29) on the GUI menu for more information on network settings.
Connecting the Power Cord

Connect the included power cord to the DBP A100, and plug it into an AC outlet.

![Power cord connection diagram]

**NOTE**
- Be sure to insert the power plug firmly. Incomplete connection results in noise.

Once Connections are Complete

Turning the Power On

Press the unit’s or the remote control’s.

The power turns on, and the power indicator lights green. “LOADING” appears on the display, and disc information is read.

* The “NO DISC” message is displayed if a disc is not loaded.

![Power indicator status in standby mode]

**NOTE**
- On the GUI menu, when “Other Setup” “Auto Power Mode” “On” (page 31), the following states are maintained for about 30 minutes, and then the power is automatically turned to standby.
  - Disc not loaded
  - Playback has stopped
  - Stopped due to resume function

When power is switched to standby

Press either on the unit, or on the remote control.

**[Power indicator status in standby mode]**
- Power Saving Standby : Off
- Normal Standby : Red
- Quick Start Mode : Red

**NOTE**
- During power standby, a slight amount of power is consumed. To totally cut off the power, remove the power cord from the power outlet.
# Troubleshooting Information

## HDMI Control Function

### Playback Connections

- Getting Started

### Menu Map

Pressing \( \) displays the GUI menu. From this menu, you can move to various setting screens.

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<td>TV Active Area</td>
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<td>BD Effect Sound</td>
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<td>BD Re-Encoder</td>
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<td>DVD Rating Level</td>
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<td>DHCP</td>
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<td>Proxy</td>
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<td>IP Address</td>
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<td>MAC Address</td>
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<th>Display Setup (page 30)</th>
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<td>Information</td>
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<tr>
<td>Maintenance Mode</td>
</tr>
</tbody>
</table>
GUI Menu Operation

1 Press \( \text{SEL} \).
The GUI menu is displayed on the TV screen.

2 Press \( \text{SEL} \) to select the menu to be set or operated.
   ※ To return to the previous item, press \( \text{SEL} \) or \( \text{PREV/SEL} \).

3 Press \( \text{RED/GREEN} \) to enter a setting.

 Exiting the GUI Menu

Press \( \text{SEL} \) while the GUI menu is displayed.
※ The GUI menu display disappears.

NOTE

You must use the GUI menu to make settings or operate while a disc or SD Memory Card is not inserted. In cases in which the resume function is activated, you may not make correct settings.

Examples of GUI Menu Screen Displays

Typical examples are described below.

[Example 1] Menu selection screen (Top menu)

[Example 2] Rating-Country Code input screen (with virtual keyboard)

Text colors of selected items of the GUI menu are as follows:
※ White : These items can be selected.
※ Gray : These items cannot be selected.
### Language Setup

**Default settings are underlined.**

Sets the language used for playback dialogs, subtitles, and menus.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dialog</strong> Sets the dialog used to play BDs or DVDs.</td>
<td>Original: Plays the dialog selected at the top in the language menu stored in the disc. English/French/Spanish/German/Japanese/Italian/Swedish/Dutch/Russian/Chinese/Korean/Danish/Finnish/Norwegian/Icelandic/Hungarian/Romanian/Turkish/Greek/Irish/Portuguese/Polish/Czech/Slovak/Bulgarian Others: Enter the language code.</td>
</tr>
<tr>
<td><strong>Subtitle</strong> Sets the subtitle language used to play BDs or DVDs.</td>
<td>Off: No subtitles displayed. English/French/Spanish/German/Japanese/Italian/Swedish/Dutch/Russian/Chinese/Korean/Danish/Finnish/Norwegian/Icelandic/Hungarian/Romanian/Turkish/Greek/Irish/Portuguese/Polish/Czech/Slovak/Bulgarian Others: Enter the language code.</td>
</tr>
<tr>
<td><strong>Disc Menus</strong> Sets the language used for BD or DVD menus.</td>
<td>English/French/German/Japanese/Italian/Swedish/Dutch/Russian/Chinese/Korean/Danish/Finnish/Norwegian/Icelandic/Hungarian/Romanian/Turkish/Greek/Irish/Portuguese/Polish/Czech/Slovak/Bulgarian Others: Enter the language code.</td>
</tr>
<tr>
<td><strong>GUI Language</strong> Sets the GUI language.</td>
<td>English/Français/Español/Deutsch/Italiano/Svenska/Nederlands/日本語</td>
</tr>
</tbody>
</table>

**NOTE**
The setting may not be active depending on the disc. If "Other" is selected for "Dialog", "Subtitle" or "Disc Menus", refer to the "Language Code List" (page 51), and use the number buttons 1 – 0 to input the language code, then press 0 to set.

### HDMI Setup

**Default settings are underlined.**

Sets the HDMI output signal or HDMI control function.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Auto Format</strong> Sets the content of HDMI video output resolution item &quot;Auto&quot; (page 14) with.</td>
<td>Max Res.: Outputs data using the maximum resolution that can be handled by the connected TV. Panel Res.: Outputs data using the maximum resolution of the panel of the connected TV.</td>
</tr>
<tr>
<td><strong>I/P Direct</strong> Sets whether the I/P converter converts 24P frames.</td>
<td>Off: Converts 1080 progressive 24 frames to 60 frames. On: Outputs 1080 progressive 24 frames without conversion.</td>
</tr>
<tr>
<td><strong>Color Space</strong> Sets the video signal system to be output from HDMI.</td>
<td>YCbCr: Outputs in the YCbCr video format. RGB Normal: Outputs using the RGB video system (16 (black) to 235 (white)). RGB Enhanced: Outputs using the RGB video system (0 (black) to 255 (white)).</td>
</tr>
<tr>
<td><strong>Deep Color</strong> Sets the HDMI terminal to output Deep Color.</td>
<td>Auto: Deep Color is automatically output when the connected HDMI device supports Deep Color. Off: No Deep Color output.</td>
</tr>
<tr>
<td><strong>Audio Setup</strong> Sets the audio signal system to be output from HDMI.</td>
<td>[Auto]: Automatically selects and outputs signals that can be input to the connected HDMI device. The bitstream signal takes priority. [Multi LPCM BM On]: Decoded Linear PCM multi channel signal is output by the DBP A100. Speaker settings are enabled. (BM: Bass Management) For settings, on the GUI menu, refer to, &quot;Audio Setup&quot; &quot;7.1 ch Audio Out&quot; (page 25, 26). Speaker Configuration: Sets the speaker configuration used for playback. Automatically sets channel components and characteristics according to the settings. Channel Level: Sets the volume of the test tone to be the same when it is output from each speaker. Distance: Sets the distance between the listening position and each speaker.</td>
</tr>
</tbody>
</table>

### Remote control operation buttons

- Displays the menu
- Cancels the menu
- Moves the cursor (Up/Down/Left/Right)
- Makes the setting
- Returns to previous menu
## HDMI Setup

### Setting items

#### Audio Setup

- **[Multi LPCM BM Off]**: Decoded Linear PCM multi channel signal is output by the DBP A100. This setting is not made in speaker settings. (BM: Bass Management)
- **[2Ch]**: Outputs the downmixed 2 channel LPCM signal.
- **[Mute]**: Does not output audio from HDMI.

#### SA-CD Audio Out

Sets to output the stereo/multi area audio of Super Audio CD to the HDMI terminal.

- **On**: Super Audio CD audio is output.
- **Off**: Super Audio CD audio is not output.

The Super Audio CD audio signal is a 44.1 kHz/16 bit Linear PCM output.

#### HDMI Control

Can operate the unit in conjunction with an HDMI control supported device.

- **[Control]**: Disables the HDMI control function.
- **On**: Links with the device connected to HDMI.

- **[Power Off Control]**
  - **On**: Turns the DBP A100's power to standby through linkage to the TV.
  - **Off**: Does not turn the DBP A100's power to standby through linkage to the TV.

For the HDMI control function to operate, it is necessary for the DBP A100 or HDMI compatible TV connected to the DBP A100 to have an HDMI connection.

Refer to “HDMI Control Function” (page 449) for more information on HDMI control functions.

The HDMI control function from the connected device is enabled when, on the GUI menu, “DENON LINK Setup” “DENON LINK Mode” is set to “4th” (page 28).

After the “HDMI Control” setting has been changed, always turn off the power to the connected equipment and then turn it back on.

### NOTE

If you set “DENON LINK Setup” “DENON LINK Mode” on the GUI menu to “4th”, you will no longer be able to change the “HDMI Control” “Control” setting. To change the setting, switch the “DENON LINK Mode” to a setting other than “4th” first and then change the setting.

## Video Setup

Set the video output signal according to the connected TV.

### Setting items

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TV Aspect (Aspect ratio)</strong></td>
<td>Set the screen type and display mode of the TV.</td>
</tr>
<tr>
<td><strong>Component Resolution</strong></td>
<td>Sets the component output resolution.</td>
</tr>
<tr>
<td><strong>Progressive Mode</strong></td>
<td>Sets an appropriate progressive conversion mode for the source video material.</td>
</tr>
<tr>
<td><strong>TV Active Area</strong></td>
<td>Sets the horizontal display range when the analog video output resolution is 480/576i.</td>
</tr>
</tbody>
</table>

### Default settings are underlined.

#### Setting contents

- **TV Aspect (Aspect ratio)**
  - **16:9 Squeeze Auto**: Outputs to a wide screen TV. For 4:3 video, displays in the center of the screen without changing the aspect ratio.
  - **WIDE (16:9)**: Outputs to a wide screen TV. For wide video, trim the left and right side of the image and display in 4:3 aspect ratio.
  - **2**: Outputs to a 4:3 TV. Displays all of the wide video.

- **Component Resolution**: Sets the component output resolution. 
  - **480i/576i**, **480i/576Ps**, **720P**, **1080i**
  - **Source Direct**: Outputs video using its source resolution. Converts a 1080p video source to 1080i.

- **Progressive Mode**: Sets an appropriate progressive conversion mode for the source video material.
  - **Auto**: Detects the type of video material and automatically switches the mode. Normally, this setting is used.
  - **Video1**: Suitable for playing video material discs.
  - **Video2**: Suitable for playing video material discs or 30 frame film material discs.

- **TV Active Area**: Sets the horizontal display range when the analog video output resolution is 480/576i.
  - **Full**: Setting when a home use monitor is connected.
  - **Normal**: This setting is used when video synchronization is disturbed on a professional use monitor.

### Remote control operation

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<tr>
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<th>Function</th>
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<td>Displays the menu</td>
</tr>
<tr>
<td>CANCEL</td>
<td>Cancels the menu</td>
</tr>
<tr>
<td>CURSOR</td>
<td>Moves the cursor (Up/Down/Left/Right)</td>
</tr>
<tr>
<td>SET</td>
<td>Makes the setting</td>
</tr>
<tr>
<td>RETURN</td>
<td>Returns to previous menu</td>
</tr>
</tbody>
</table>
Audio Setup

Set the speaker or audio to be output. Setting related to each channel setting and other audio in the case of outputting analog audio signals decoded by the DBP-A100.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
</table>
| 7.1ch Audio Out     | Makes the audio setting for output of analog 7.1 channel audio to a multi channel amplifier. To set “7.1ch Audio Out”, set “HDMI Setup” “Audio Setup” on the GUI menu to “2Ch” or “Mute” (p. 24).

NOTE
You cannot select “None” or “No” for “HDMI Setup” “Audio Setup” “Multi LPCM BM On” “Speaker Configuration” (p. 23, 24) on the GUI menu.

SETTING related to each channel setting and other audio in the case of outputting analog audio signals decoded by the DBP-A100.

Speaker Configuration : Sets the speaker configuration.

[Front] : Sets the front speaker size.
- Large : For use with large speakers that can adequately play back low frequencies.
- Small : For use with small speakers that cannot adequately play back low frequencies.
- None : Select when no front speaker is connected.

[Center] : Sets the presence and size of the center speaker.
- Large : For use with large speakers that can adequately play back low frequencies.
- Small : For use with small speakers that cannot adequately play back low frequencies.
- None : Select when no center speaker is connected.

[Subwoofer] : Sets the presence of a subwoofer.
- Yes : Use a subwoofer.
- No : Select when a subwoofer is not connected.

[Surround] : Sets the presence and size of the surround speakers.
- Large : For use with large speakers that can adequately play back low frequencies.
- Small : For use with small speakers that cannot adequately play back low frequencies.
- None : Select when surround speakers are not connected.

Remote control operation buttons
- Displays the menu
- Cancels the menu
- Moves the cursor (Up/Down/Left/Right)
- Makes the setting
- Returns to previous menu

7.1ch Audio Out

[Surround Back] : Sets the presence, size and number of surround back speakers.
- Size : Sets the surround back speaker size.
  - Large : For use with large speakers that can adequately play back low frequencies.
  - Small : For use with small speakers that cannot adequately play back low frequencies.
  - None : Select when no surround back speakers are connected.
- Number : Sets the number of surround back speakers.
  - 1 spkr : Use only one surround back speaker. Surround back audio is output from the surround back L terminal.
  - 2 spkrs : Use two surround back speakers.

NOTE
The 7.1 channel audio output terminals only outputs to FL/FR when you make this setting.

Crossover Freq. : Sets the upper limit of the low frequency signal output from the subwoofer.
- 40Hz/60Hz/80Hz/90Hz/100Hz/110Hz/120Hz/150Hz/200Hz/250Hz : Keeps the output level below the set frequency to avoid overloading the specified low frequency performance of your subwoofer. Sets one of these frequencies according to the low frequency output capabilities of your speakers.
- Advanced : Sets the low frequency signals to be output from the signals of the respective speakers to the subwoofer.

When, on the GUI menu, “Audio Setup” “7.1ch Audio Out” “Multi Channel” “Speaker Configuration” “Subwoofer” is set to “Yes” (p. 25), you can select “LFE” or “LFE+Main”.

See overleaf
### Audio Setup

#### Setting items

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
</table>
| **7.1-ch Audio Out**   | **NOTE**
|                        | • Select “Large” or “Small” not according to the physical size of the speaker but according to the low frequency reproduction capabilities based on the frequency set at “Crossover Freq.”.
|                        | • On the GUI menu, if the “Audio Setup” “7.1ch Audio Out” “Multi Channel” “Speaker Configuration” item setting is changed, other settings are automatically changed as well. **Example**
|                        | If you set “Front” to “Small”, “Subwoofer” is set to “Yes” and “Large” cannot be selected for “Center”, “Surround” and “Surr. Back”.
|                        | • Audio signal (sampling frequency, number of channels) from the HDMI output terminal may be restricted by the specification of the HDMI audio that can be input by the device on the other side. **Example**
|                        | If the HDMI audio specification of the device on the other side is 5.1 channel, even when DBP A100 plays back in 7.1 channel, 5.1 channel audio is output automatically. In that case, the analog audio output becomes 5.1 channel output as well.
|                        | **Channel Level**: Sets the volume of the test tone to be the same when output from each speaker. **NOTE**
|                        | • [Mode]: Select a test tone output method. **Example**
|                        |   • Auto: Automatically switches the test tone output speaker.
|                        |   • Manual: Manually switches the test tone output speaker.
|                        | **[Start]**: Begins outputting the test tone.
|                        |   • When the test tone output stops, press .
|                        | **[SW +10dB]**: Increases the subwoofer output level by 10 dB. **NOTE**
|                        |   • Off: Does not change the subwoofer output level.
|                        |   • On: Increases the subwoofer output level by +10 dB. **NOTE**
|                        | • “SW +10dB” cannot be set for “HDMI Setup” “Audio Setup” “Multi LPCM BM On” “Channel Level” on the GUI menu. **Default**: Resets all channel level settings to factory default.
|                        |   • No: Does not Reset.
|                        |   • Yes: Resets.

#### Setting items

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
</table>
| **7.1ch Audio Out**    | **Distance**: Sets the distance between the listening position and each speaker. **NOTE**
|                        | • Feet or Meters: Set the unit of distance. **Example**
|                        | • [Step]: Set the minimum variable width of the distance. 1ft, 0.1ft, 0.1m, 0.01m
|                        | • Default: Reset all distance settings to factory default.
|                        |   • Front L / Front R / Center / Subwoofer / Surround L / Surround R / Surr. Back L / Surr. Back R: Select the speaker you want to set, and set the distance. Set the value that is closest to the measured distance. 0 ~ 60ft or 0 ~ 18m
|                        | • When “BD Audio Mode” is set to “HD Audio Output” (page 32), the “Distance” setting is disabled during DTS HD 192kHz audio playback.

#### Subwoofer Mode

Sets the type of low frequency signal to be output from the subwoofer.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
</table>
| **Outlet**             | LFE: Adds the low frequency signal of the channel for which the speaker size is set to “small” to the subwoofer signal and outputs it.
|                        | LFE+Main: Adds the low frequency signal of all channels to the subwoofer signal and outputs it.

---

**Remote control operation buttons**

- Displays the menu
- Cancels the menu
- Moves the cursor (Up/Down/Left/Right)
- Makes the setting
- Returns to previous menu
## Audio Setup

### Setting items

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Direct</td>
<td><strong>Off</strong>: Enables the speaker and subwoofer settings. <strong>On</strong>: Outputs the disc audio as is. <strong>NOTE</strong>: Set to within the playback frequency band of the amplifier you will use: “On” at “50 kHz” or “100 kHz”. Settings outside the frequency band can result in damage to your amplifier and even fire.</td>
</tr>
<tr>
<td>Compression</td>
<td><strong>Auto</strong>: Automatically compresses the Dolby TrueHD audio dynamic range. The sound is not compressed when playing signals other than Dolby TrueHD signals. <strong>Low</strong>: Sets minimum dynamic range compression. <strong>Middle</strong>: Sets medium dynamic range compression. <strong>High</strong>: Sets maximum dynamic range compression.</td>
</tr>
<tr>
<td>BD Effect Sound</td>
<td><strong>On</strong>: Outputs BD effect sound. <strong>Off</strong>: Does not output BD effect sound.</td>
</tr>
</tbody>
</table>

### Setting items

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD Re-Encoder</td>
<td><strong>Auto</strong>: Outputs the primary audio (main audio) in the same type of audio format. Dolby Digital/Dolby Digital Plus/Dolby TrueHD are output as Dolby Digital, DTS/DTS HD are output as DTS and Linear PCM is output as Linear PCM. <strong>Dolby Digital</strong>: Outputs to the digital audio output terminal (optical/coaxial) with Dolby Digital. <strong>DTS</strong>: Outputs to the digital audio output terminal (optical/coaxial) with DTS. <strong>PCM</strong>: Outputs the downmixed audio signal to 2 ch LPCM. <strong>Bitstream</strong>: Outputs a bitstream signal. Converts Dolby TrueHD, Dolby Digital Plus to Dolby Digital, and DTS HD to DTS for output. <strong>PCM Down Sampling</strong>: Converts sampling frequency audio greater than 48 kHz to a 48 kHz 2 ch LPCM audio output signal. <strong>Lt/Rt</strong>: Signals are converted to Dolby Surround compatible 2 channel audio signals for output. This setting is valid for DTS HD, DTS Digital Surround, Dolby Digital Plus and Dolby Digital audio signals. (If the connected AV Amp is Dolby Pro Logic compatible, the AV Amp plays back using surround audio.) <strong>Stereo</strong>: Outputs by converting to 2 ch (stereo) audio. <strong>NOTE</strong>: In order to enable the “Lt/Rt” setting when playing back BD, set “BD Audio Mode” to “HD Audio Output” (page 32).</td>
</tr>
<tr>
<td>Digital Out</td>
<td></td>
</tr>
<tr>
<td>Downmix</td>
<td></td>
</tr>
<tr>
<td>Remote control operation</td>
<td></td>
</tr>
</tbody>
</table>
DENON LINK Setup

Set the audio signal to be output from the DENON LINK terminal.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENON LINK Mode</td>
<td>Sets the audio output of DENON LINK.</td>
</tr>
<tr>
<td><strong>[Off]</strong> : Does not use DENON LINK.</td>
<td><strong>[2nd]</strong> : Outputs digital audio using DENON LINK 2nd.</td>
</tr>
<tr>
<td>Compatible with jitter free connections. For more information, refer to “DENON LINK Connection ① Making a Jitter free Connection” (page 17).</td>
<td><em>HDMI</em> : Improves HDMI digital signal jitter.</td>
</tr>
<tr>
<td><em>When set to “4th”, the HDMI control function becomes available from the connected device.</em></td>
<td><em>When “4th” is set and jitter free connection is set up, audio affected by the jitter free function is output from the HDMI terminal during BD playback. When playing back media other than that, the video signal is output from the HDMI terminal and the audio signal is output from the DENON LINK terminal, respectively.</em></td>
</tr>
<tr>
<td><em>To play DENON LINK 4th signals, connect to a DENON LINK 4th compatible AV Amp using an HDMI and a DENON LINK cable.</em></td>
<td><em>For information on the 4th setting of the AV Amp, see the owner’s manual of the AV Amp.</em></td>
</tr>
</tbody>
</table>

Signals Compatible with DENON LINK Setting and Transmission

The DENON LINK setting for the DENON LINK version of the connected AV Amp is as follows:

<table>
<thead>
<tr>
<th>DENON LINK version of AV Amp</th>
<th>The DENON LINK setting of the DBP-A100</th>
<th>BD (During jitter-free connection)</th>
<th>DVD-Video</th>
<th>DVD-Audio</th>
<th>Super audio CD</th>
<th>CD</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Generation (*“2nd” displayed near terminal)</td>
<td>“2nd”</td>
<td>x</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>3rd Generation (*“3rd” displayed near terminal)</td>
<td>“3rd”</td>
<td>x</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>4th Generation (*“4th” displayed near terminal)</td>
<td>“4th”</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**NOTE**

With DENON LINK connections, no audio signals other than those of BD are output from the HDMI terminal.

(When “DENON LINK Mode” is set to “2nd” and “HDMI Setup” “SA CD Audio Out” (page 24) is set to “On”, the audio signals of Super Audio CD are output from the HDMI terminal.)

Pure Direct Setup

Makes settings for digital audio and video output modes during Pure Direct mode, as well as for display messages. Two types of setting can be made.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>User Preset 1/ User Preset 2</strong></td>
<td>Sets the operating mode for “User Preset 1” or “User Preset 2” selected by ( ). Setting each of these items to “Off” enables output of high quality analog signals free of interference from their associated circuits.</td>
</tr>
<tr>
<td><strong>[Video Out]</strong> : Sets the option of video output.</td>
<td><strong>On</strong> : Enables video output. <strong>Off</strong> : Disables video output. This setting also disables audio output from the HDMI terminal.</td>
</tr>
<tr>
<td><strong>[Display]</strong> : Set the option for front panel display.</td>
<td><strong>On</strong> : Turns on the display. <strong>Off</strong> : Turns off the display.</td>
</tr>
</tbody>
</table>

For more information, see “Playing Back High quality Audio (Pure Direct Function)” (page 38).
**Ratings**
Set BD or DVD parental lock or display DivX® registration codes.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Password</strong></td>
<td>Sets the password for changing the parental control level and parental control country code of BD and DVD.</td>
</tr>
<tr>
<td><strong>BD Rating Level</strong></td>
<td>Sets the parental level for playing BD. Level 0 ~ 254: Sets the age allowed to play back media. Restrictions playback of discs with relevant parental control. No Limit: Does not restrict playing of BDs.</td>
</tr>
<tr>
<td><strong>DVD Rating Level</strong></td>
<td>Sets the parental level for playing DVDs. Level 1 ~ 8: Sets the parental level for playing DVDs. Lock All: Restricts playing of all DVDs. No Limit: Does not restrict playing of DVDs.</td>
</tr>
<tr>
<td><strong>Rating Country Code</strong></td>
<td>Sets the standard country parental control. Applies the parental level of the set country. Argentina / Australia / Austria / Belgium / Brazil / Canada / Chile / China / Denmark / Finland / France / Germany / Hong Kong / India / Indonesia / Italy / Japan / Korea, Republic of / Malaysia / Mexico / Netherlands / New Zealand / Norway / Pakistan / Philippines / Portugal / Russian Federation / Singapore / Spain / Switzerland / Sweden / Taiwan / Thailand / United Kingdom / United States / Colombia / Greece / Ireland / Luxembourg / Poland Others: Input the country code. Refer to “Country Code List” (page 52) and use ▶▶ and ▶ for the virtual keyboard to input the country code.</td>
</tr>
<tr>
<td><strong>DivX Registration</strong></td>
<td>Displays the DivX® registration code. Show Code: Displays the DivX® registration code</td>
</tr>
</tbody>
</table>

**Network Setup**
Settings for connecting to the Internet.
You can use a disc which offers BD-LIVE functions by connecting the unit to the Internet (page 36).
Follow the instructions in “Connecting to the Network” (page 19) to make network connections.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DHCP</strong></td>
<td>Sets how to perform network configuration, automatically or manually. Since the factory default setting is “On”, you do not need to set items such as the IP address if the DHCP server of the broadband router is set to “Enable”. Configure a proxy server if necessary.</td>
</tr>
<tr>
<td><strong>[On]</strong></td>
<td>Automatically configures the network via the DHCP function.</td>
</tr>
<tr>
<td><strong>[Off]</strong></td>
<td>When connecting to a network that lacks the DHCP function, manually configure the following network settings. Consult with the ISP or your network administrator for what settings to make. Use ▶▶ to enter values and then press ▶ to finalize them.</td>
</tr>
<tr>
<td><strong>IP Address (BD-LIVE, Update)</strong></td>
<td>If a xDSL modem or terminal adaptor is directly connected to the DBP-A100, enter the subnet mask provided by the ISP, usually in a document. Usually, “255.255.255.0” is set.</td>
</tr>
<tr>
<td><strong>IP Address (Control)</strong></td>
<td>Enter the primary DNS. Primary DNS: Enter the primary DNS. Secondary DNS: Enter the secondary DNS.</td>
</tr>
<tr>
<td><strong>Proxy</strong></td>
<td>Setting for connecting to the Internet via a proxy server. Shows the DivX® registration code.</td>
</tr>
<tr>
<td><strong>[On (Address)]</strong></td>
<td>Set to connect to the Internet via a proxy server. Use ▶▶ to enter the address and then press ▶ to finalize it.</td>
</tr>
<tr>
<td><strong>[Off]</strong></td>
<td>Does not use a proxy server.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Use ▶▶ to enter the port number and then press ▶ to finalize it.</td>
</tr>
<tr>
<td><strong>[On (Name)]</strong></td>
<td>Set to connect to the Internet via a proxy server. Specify the proxy server using the domain name. Input the domain name with the virtual keyboard, using ▶▶ and ▶.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Use ▶▶ to enter the port number and then press ▶ to finalize it.</td>
</tr>
</tbody>
</table>

Remote control operation buttons
- © Displays the menu
- © Cancels the menu
- © Moves the cursor (Up/Down/Left/Right)
- © Makes the setting
- © Returns to previous menu
### Network Setup

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP Address</strong></td>
<td><strong>BD-LIVE, Firmware Update</strong> : Displays the IP address for BD LIVE or Firmware Updates. <strong>Control</strong> : Displays the IP address for future extensions.</td>
</tr>
<tr>
<td><strong>MAC Address</strong></td>
<td><strong>BD-LIVE, Firmware Update</strong> : Displays the MAC address for BD LIVE or Firmware Updates. <strong>Control</strong> : Displays the MAC address for future extensions.</td>
</tr>
</tbody>
</table>

### Display Setup

**Settings for display-related items.**

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen Saver</strong></td>
<td>Off : Does not use the screensaver. <strong>On</strong> : The screensaver function activates when stop or pause status continues for about three minutes. The screensaver function also activates during playback of a CD, Super Audio CD or audio file when no operations are performed for about three minutes.</td>
</tr>
<tr>
<td><strong>Wallpaper</strong></td>
<td>Picture : Displays the DENON logo. <strong>Black</strong> : Sets the background to black. <strong>Gray</strong> : Sets the background to gray. <strong>Blue</strong> : Sets the background to blue.</td>
</tr>
<tr>
<td><strong>Still Mode</strong></td>
<td>Automatic : Displays automatically using “Field” or “Frame” according to the still image information. <strong>Field</strong> : Set when there is a blurred image when “Automatic” image display is set. <strong>Frame</strong> : Set to display non moving images in high resolution.</td>
</tr>
<tr>
<td><strong>Slide Show Time</strong></td>
<td>3 ~ 5 ~ 100sec : This sets how long to display each frame of a JPEG file during slideshow playback.</td>
</tr>
<tr>
<td><strong>Temporary Display</strong></td>
<td>Off : Does not temporarily display operations. <strong>On</strong> : Temporarily displays operations.</td>
</tr>
<tr>
<td><strong>Captions</strong></td>
<td>Off : Does not output the closed caption (subtitle) signal. <strong>On</strong> : Outputs the closed caption (subtitle) signal.</td>
</tr>
</tbody>
</table>

### Remote control operation buttons

- **Displays the menu**
- **Cancels the menu**
- **Moves the cursor (Up/Down/Left/Right)**
- **Makes the setting**
- **Returns to previous menu**
### Other Setup

Sets other items.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Auto Power Mode</strong></td>
<td><strong>Off</strong> : Does not use the auto power mode.</td>
</tr>
<tr>
<td><strong>On</strong> : This setting automatically sets the power to standby if any of the following states continues for approximately 30 minutes.</td>
<td></td>
</tr>
<tr>
<td><strong>Disc not loaded</strong></td>
<td><strong>Playback stopped</strong></td>
</tr>
<tr>
<td><strong>Stopped due to the resume function</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Power Saving**

Sets to power saving mode during standby.

<table>
<thead>
<tr>
<th>Power Saving Standby</th>
<th>This is the lowest power consumption mode. During standby, operations are not accepted via HDMI control or RS 232C. Power indicator status in standby mode : Off</th>
</tr>
</thead>
</table>

**Remote Control Setting (Main unit side)**

Sets the remote control.

<table>
<thead>
<tr>
<th>Remote ID</th>
<th>Switches the DBP A100’s remote control ID code when other DENON BD Players are in the vicinity.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DENON 1</strong></td>
<td>Set the switch in the remote control battery compartment to “1” as well (“Remote Control Settings (Remote Control Side)” page 7).</td>
</tr>
<tr>
<td><strong>DENON 2</strong></td>
<td>Set the switch in the remote control battery compartment to “2” as well (“Remote Control Settings (Remote Control Side)” page 7).</td>
</tr>
</tbody>
</table>

**Receive Existing Remote Control**

Set whether or not to accept remote control signals of a DENON DVD player or other device.

<table>
<thead>
<tr>
<th><strong>On</strong></th>
<th><strong>Accepts</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Off</strong></td>
<td><strong>Does not accept</strong></td>
</tr>
</tbody>
</table>

**BD Data Utility**

Erasers on SD Memory Card, and initializes cards.

<table>
<thead>
<tr>
<th>BD Data Erase</th>
<th>Erases both internal memory and SD Memory Card storage.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initialize SD Card</td>
<td>Initializes the SD card to be used for the Bonus View and BD LIVE functions.</td>
</tr>
</tbody>
</table>

**NOTE**

- Insert or remove a SD Memory Card while the power is in standby. If the SD Memory Card is inserted when the power is switched on, there are occasions where the card cannot be read, or the BD cannot be played.
- The SD card used for the Bonus View function must have a capacity of 1GB or greater. Also the SD card must be initialized on the DBP A100.
- This operation will delete all the data. Do not perform this operation when an SD card containing MP3 or JPEG data is inserted.
- Remove the disc from the disc tray when carrying out “BD Data Erase” or “Initialize SD Card”.

### Default settings are underlined.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initialize</strong></td>
<td><strong>Cancel</strong> : Does not initialize.</td>
</tr>
<tr>
<td>All settings including audio mode and picture quality are set to default settings.</td>
<td><strong>OK</strong> : Executes initialization.</td>
</tr>
</tbody>
</table>

**Firmware Update**

Updates the firmware of the unit via the Internet.

- **Check for Update** : Checks if a newer version of firmware exists. You can also check approximately how long it will take to complete an update.
- **Start** : Starts firmware update. When updating starts, the power indicator lights red and the GUI screen shuts down. While updating, a rough estimate of remaining time is indicated on the display. When updating is complete the power indicator lights green and the normal status is resumed.

**Information**

Displays the license for the IPA font used by this product.

- **Font License**
  - **Japanese (Original)** : Displays in Japanese. The font used in this product’s GUI menu screen conforms to IPA font specifications. See the following URL for the IPA font license agreement.
  - http://ipafont.ipa.go.jp/enduser_license.html

**Maintenance Mode**

Use when receiving maintenance from a DENON service engineer or custom installer.

- **NOTE**
  - Only use this function if so instructed by a DENON service person or installer.

### Cautions on “Firmware Update”

- In order to use these functions, you must have the correct system requirements and settings for a broadband Internet connection (page 19, 29).
- Do not turn off the power until updating is complete.
- Information regarding the “Firmware Update” function will be announced on the DENON web site each time related plans are decided.
- Even with a broadband connection to the Internet, approximately 1 hour is required to complete the updating procedure. Once updating starts, you cannot perform normal operations on the DBP A100 until updating is complete. Also, settings of the GUI menu of DBP A100 and/or image adjustment settings may be initialized.
- If a disc is in the tray, remove it before performing “Firmware Update”.

### Remote control operation buttons

- **Displays the menu**
- **Cancels the menu**
- **Moves the cursor** (Up/Down/Left/Right)
- **Makes the setting**
- **Returns to previous menu**
### Various Settings

You can set the audio mode and switch the kind of files to play. You can make various mode settings during playback. The setting menu is displayed at the top of the screen.

1. **Press (display).**
   - Displays a menu of items that can be set.
   - The display content changes depending on the media being played.

2. **Select a setting item using , and then press or .**

3. **Use to select a setting and use to change the setting.**

### Setting the Audio Mode

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD Audio Mode</td>
<td>Switches the BD audio playback mode.</td>
</tr>
<tr>
<td>HD Audio Output</td>
<td>Can view by outputting high quality signals such as Dolby TrueHD, Dolby Digital Plus, or DTS HD as its high sound quality bitstream. Cannot listen to interactive or secondary audio.</td>
</tr>
<tr>
<td>Mix Audio Output</td>
<td>Outputs a mix of primary audio/interactive audio/secondary audio.</td>
</tr>
</tbody>
</table>

**NOTE**

- When “BD Audio Mode” is set to “Mix Audio Output”, DTS HD 192kHz audio is decoded to 96kHz.

### Changing the Playback File Display

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>File filter</td>
<td>Selects the file formats you wish to play from among the files mixed on a disc.</td>
</tr>
<tr>
<td>All</td>
<td>Plays MP3/WMA/AAC/LPCM/JPEG/DivX® files.</td>
</tr>
<tr>
<td>Audio</td>
<td>Plays MP3/WMA/AAC/LPCM files.</td>
</tr>
<tr>
<td>Picture</td>
<td>Plays JPEG files.</td>
</tr>
<tr>
<td>Video</td>
<td>Plays DivX® files.</td>
</tr>
<tr>
<td>Audio &amp; Picture</td>
<td>Plays MP3/WMA/AAC/LPCM/JPEG files.</td>
</tr>
</tbody>
</table>

**NOTE**

This operation is effective only when playback is stopped.

### Making Other Settings

#### Secondary Video (PIP)

- **Off**: Does not display Secondary Video (Picture In Picture).
- **1/X #**: Displays the first Secondary Video.
- **2/X #**: Displays the second Secondary Video.
- **X/X #**: Displays the Xth Secondary Video.

**NOTE**

- “#” is the number of Secondary Videos recorded and differs depending on the disc (“Playing Bonus View” page 36).

#### Audio/Video Sync

- **HDMI / Component**: Audio output is synchronized to the video output from the HDMI terminal or component terminals.
- **S-Video /Video**: Audio output is synchronized to the video output from the S Video or Video terminals.

#### Audio Delay Adjust

- **0 ~ 200msec**: Use this to adjust the audio output delay time manually.

#### Vertical Stretch

- **Off**: Displays the source video signal without modification. This should normally be set to “Off”.
- **On**: Set when viewing cinemascope size video with a combination of projector and anamorphic lens. Extends the image vertically so that the top and bottom black portions disappear.

**NOTE**

This has no effect with the video and S Video outputs.

#### File filter

- **All**: Plays MP3/WMA/AAC/LPCM/JPEG/DivX® files.
- **Audio**: Plays MP3/WMA/AAC/LPCM files.
- **Picture**: Plays JPEG files.
- **Video**: Plays DivX® files.
- **Audio & Picture**: Plays MP3/WMA/AAC/LPCM/JPEG files.

This operation is effective only when playback is stopped.
## Adjusting the Picture Quality (Picture Control)

You can adjust the picture quality to your liking. You can store up to a maximum of 5 values in memory.

1. **Press [ ]**: The currently set status is displayed.

2. **Select the memory number you want (“Memory 1” ~ “Memory 5”) with [ ] and then press [ ]**.

3. **Select the item(s) you wish to change with [ ]**.

4. **Change the setting with [ ]**.

   ※ Refer to the table on the right for information on the different settings.

### To Finalize Picture Adjustments

Press [ ] with the picture adjusted.

### When Outputting Standard Picture Quality without Using Picture Adjustment

Press [ ] and [ ] to select “Standard” and then press [ ].

The picture adjustment settings are retained in memory even after the power is turned off.

<table>
<thead>
<tr>
<th>Setting items</th>
<th>Setting contents</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNR</td>
<td>Reduces noise in the entire picture.</td>
<td>0 ~ +3 0</td>
</tr>
<tr>
<td>Contrast</td>
<td>Adjusts picture contrast.</td>
<td>-6 ~ +6 0</td>
</tr>
<tr>
<td>Brightness</td>
<td>Adjusts picture brightness.</td>
<td>0 ~ +12 0</td>
</tr>
<tr>
<td>Enhancer *3</td>
<td>Strengthens the contours of the picture.</td>
<td>0 ~ +11 0</td>
</tr>
<tr>
<td>Gamma Correction *1</td>
<td>Adjusts video brightness in detail.</td>
<td>G0 = 24 / G1 = 32, G2 = 48 / G3 = 64, G4 = 80 / G5 = 96, G6 = 128 / G7 = 160, G8 = 192 / G9 = 224</td>
</tr>
<tr>
<td>Sharpness (medium range) *1, 3</td>
<td>Adjusts picture sharpness for the medium frequency range.</td>
<td>-6 ~ +6 0</td>
</tr>
<tr>
<td>Sharpness (high range) *3</td>
<td>Adjusts picture sharpness for the higher frequency range.</td>
<td>6 ~ +6 0</td>
</tr>
<tr>
<td>Hue (color tone) *4</td>
<td>Adjusts the green and red color balance.</td>
<td>6 ~ +6 0</td>
</tr>
<tr>
<td>White Level</td>
<td>Adjusts the white level.</td>
<td>5 ~ +5 0</td>
</tr>
<tr>
<td>Black Level *3</td>
<td>Adjusts the black level.</td>
<td>5 ~ +5 0</td>
</tr>
<tr>
<td>Chroma Level</td>
<td>Adjusts the color density.</td>
<td>6 ~ +6 0</td>
</tr>
<tr>
<td>Setup Level *2</td>
<td>Adjusts the black areas of the image.</td>
<td>0 IRE 7.5 IRE 7.5 IRE</td>
</tr>
<tr>
<td>H.Position *3</td>
<td>Adjusts the left/right position.</td>
<td>7 ~ +7 0</td>
</tr>
<tr>
<td>V.Position *3</td>
<td>Adjusts the top/bottom position.</td>
<td>7 ~ +7 0</td>
</tr>
</tbody>
</table>

### Gamma Correction

When you select “Gamma Correction”, and then press [ ], you can change the setting with [ ].

In the example of the graph below, the horizontal axis shows the brightness level of the pictured recorded on the disc. The vertical axis shows the brightness of the picture output by the DBP A100.

- When the brighter areas on the disc side are adjusted to be output darker, the normally hard to see bright parts become clearly discernible images.

- When the darker areas on the disc side are adjusted to be output brighter, the normally hard to see dark parts become clearly discernible images.

### Resuming Initial Values after Gamma Correction

Press [ ] while the graph is displayed.
Playback

Playing Discs
- Playing BD and DVD-Videos (page 36)
- Playing Super Audio CDs (page 37)
- Playing CDs (page 37)
- Playing DVD-Audio (page 37, 38)
- Playing High-Quality Audio (page 38)

Playing Files
- Playing Files (page 38 ~ 40)

Operations Enabled During Playback
- page 41

Web control function
- page 47, 48

Introduction

Before Playing a Disc
1. Turn on the power of the amplifier and TV. Set the TV and amplifier source to DBP A100 input.
2. Turn the DBP-A100 on.
   ※ When you wish to play a bonus view, before turning the DBP A100 on insert a SD Memory Card that has at least 1GB and has been initialized by DBP A100.
3. Press to set the playback media mode to “DISC MODE”.
4. Insert a disc.
   - Press to open/close the disc tray.
   - Insert the disc with the side you want to play face down.

Before Playing an SD Memory Card
1. Turn on the power of the amplifier and TV. Set the TV and amplifier source to DBP A100 input.
2. Insert a SD Memory Card.
   - Insert the SD Memory Card in the direction indicated by the arrow with the label side up (page 6, 8).
3. Turn the DBP-A100 on.
4. Press to set the playback media mode to “SD CARD MODE”.

About Playback Information
The displayed playback information toggles between the information bar and the media player screen each time is pressed. To close the display, press until it goes away.
   ※ Displayed content differs depending on the media being played. Also, the information displayed while playing and stopped differs.

Information Bar Display

※ Displayed inside the frame at the top of the screen. (See the next page.)

NOTE
- The symbol “(prohibited mark) may appear on the top right of the TV screen during an operation. This means that the operation being conducted is prohibited.
- Depending on the disc, certain operations may not be as described in this manual. Check each disc owner’s manual for more information.
- During playback of a 2 layered disc, pictures may stop momentarily. This happens when the 1st layer switches to the 2nd layer. This is not a malfunction.
- The displayed playback information toggles between the information bar and the media player screen each time is pressed. To close the display, press until it goes away.
   ※ Displayed content differs depending on the media being played. Also, the information displayed while playing and stopped differs.

Before Playing a Disc
1. Turn on the power of the amplifier and TV. Set the TV and amplifier source to DBP A100 input.
2. Turn the DBP-A100 on.
   ※ When you wish to play a bonus view, before turning the DBP A100 on insert a SD Memory Card that has at least 1GB and has been initialized by DBP A100.
3. Press to set the playback media mode to “DISC MODE”.
4. Insert a disc.
   - Press to open/close the disc tray.
   - Insert the disc with the side you want to play face down.

Before Playing an SD Memory Card
1. Turn on the power of the amplifier and TV. Set the TV and amplifier source to DBP A100 input.
2. Insert a SD Memory Card.
   - Insert the SD Memory Card in the direction indicated by the arrow with the label side up (page 6, 8).
3. Turn the DBP-A100 on.
4. Press to set the playback media mode to “SD CARD MODE”.

The playback media mode setting remains in memory, even when the power is set to standby.
Disc Information Display
- Title: Title being played/total number of titles
- Chapter: Chapter being played/total number of chapters
- Group: Group being played/total number of groups
- Track: Track being played/total number of tracks

Time Display
- Title Elapsed
- Title Remain
- Chapter Elapsed
- Chapter Remain
- Group Elapsed
- Group Remain
- Track Elapsed
- Track Remain

HDMI Output Signal Display
- Video Info: Video output signal format/resolution
- Audio Info: Audio format being output
- Max Channel: Number of audio channels that the connected device can receive

About Playback Information

Searching with the Information Bar
When you enter a number to find in the orange cursor area, that location is found. You can search in four modes, “Title”, “Chapter”, “Group” and “Track search”.

1. Use to move the cursor to the item that you wish to find.

2. Use and to enter a value.

3. Press .

   The search is executed and playback begins.

   ※ If the input number information is not on the disc, the current playback display reappears.

For information on the time display and the HDMI output signal display, see “Information Bar Display” (page 34).
Playing BDs and DVD-Videos

1 Playback preparation (“Before Playing a Disc” page 34).

2 Make the various settings for playback on the disc menu.

- You can make the following settings on the disc menu. (The items you can set differ depending on the contents of your disc.)
  - Subtitle language
  - Audio language
  - Audio format etc.
- When playing a BD hybrid disc, the disc layer can be changed to “BD layer” or “DVD layer” by pressing (disc layer).
- During DVD Video playback, press or to display the menu.
- If the menu continues, press or to get to the next part.

3 Select the playback title or chapter from the top menu for playback.

- You can make the following settings on the disc menu. (The items you can set differ depending on the contents of your disc.)
  - Subtitle language
  - Audio language
  - Audio format etc.

[Example] Disc menu

[Example] Top menu

4 Playing Bonus Views

Press to select the secondary video display you wish to play.

Off → 1/X → 2/X → X/X

[Selectable item]

Off : Does not display Secondary Video.
1/X *: Displays the first Secondary Video.
2/X *: Displays the second Secondary Video.
X/X *: Displays the X th Secondary Video.
※: “X” is the number of Secondary Videos recorded and differs depending on the disc.

[Example] Popup menu

With BD, depending on the disc, you can select title and chapter from the popup menu.

- Enjoying BD-LIVE features

- The functions that can be used with BD-LIVE differ from disc to disc. For details on the functions and how to operate them, see the individual disc’s on-screen displays and explanations.
- An SD card must be loaded in the DBP A100 in order to save downloaded contents for using BD-LIVE functions. Use an SD card with a capacity of 1 GB or greater. Also, the SD card must be formatted on the DBP A100.
- Do not remove the SD card from the DBP A100 while playing a BD LIVE compatible disc.

[Example] Bonus view

[Example] BD-LIVE Features

- With a disc that is compatible with Bonus View (picture in picture), in addition to the main video (primary video) stored on the disc, you can play back the video director’s commentary and simultaneously ongoing sub story, as well as sub video such as alternative camera angles (secondary video).
- Some BD discs use SD cards as the recording memory for Bonus View playback. With the DBP A100 is in standby, insert the SD Memory Card before playing the disc.
- The playback method, etc., is determined by the disc, and varies depending on the disc. Refer to the operation guide of the relevant disc.

[Example] BD-LIVE Features

- With a disc that is compatible with Bonus View (picture in picture), in addition to the main video (primary video) stored on the disc, you can play back the video director’s commentary and simultaneously ongoing sub story, as well as sub video such as alternative camera angles (secondary video).
- Some BD discs use SD cards as the recording memory for Bonus View playback. With the DBP A100 is in standby, insert the SD Memory Card before playing the disc.
- The playback method, etc., is determined by the disc, and varies depending on the disc. Refer to the operation guide of the relevant disc.

[Example] BD-LIVE Features

- With a disc that is compatible with Bonus View (picture in picture), in addition to the main video (primary video) stored on the disc, you can play back the video director’s commentary and simultaneously ongoing sub story, as well as sub video such as alternative camera angles (secondary video).
- Some BD discs use SD cards as the recording memory for Bonus View playback. With the DBP A100 is in standby, insert the SD Memory Card before playing the disc.
- The playback method, etc., is determined by the disc, and varies depending on the disc. Refer to the operation guide of the relevant disc.

NOTE

- Insert or remove a SD Memory Card while the power is in standby. If you insert a SD Memory Card while the power is ON, the SD Memory Card may not be read.
- The SD card used for the BD-LIVE and Bonus View Functions must have a capacity of 1GB or greater. Also, the SD card must be initialized on the DBP A100 (page 31).
- To use BD LIVE functions, connect the DBP A100 to the Internet and make the settings described below, as necessary:

- Connections: “Connecting to the Network” (page 19)
- Settings: “Network Setup” (page 29)

- Depending on your network environment, it may take time to connect to the network or connection may not be possible.
- Remove the write protection of the SD Memory card.
Playing Super Audio CDs  

1 Playback preparation (“Before Playing a Disc” page 34).

2 Select the playback area and layer with.

- **Multi**: Plays the multi channel area of the HD layer.
- **Stereo**: Plays the 2 channel area of the HD layer.
- **CD**: Plays the CD layer.

* Pressing plays the selected area/layer.

When Viewing the Text or Playback Time Display

See “Media Player Display” (page 35).

- If you play a disc that does not have the area or layer you selected, choose the playback area or layer to play in the order “Multi”, “Stereo”, “CD”.
- The area/layer selected with remains in the memory even when the power is turned off.

Playing CDs

1 Playback preparation (“Before Playing a Disc” page 34).

2 Press .

When Viewing the Playback Time Display

See “Media Player Display” (page 35).

Playing DVD-Audio

1 Playback preparation (“Before Playing a Disc” page 34).

2 Select the part to play with.

- **Audio**: Plays the audio part.
- **Video**: Plays the video part.

3 If a top menu is available, select the playback group and track from the top menu, and then play the disc.

Changing the Group/Track

1 While stopped or during playback, select the search mode with .

   The search mode is displayed in the top right of the screen.

   ※ The search mode changes each time you press .

   Group search mode → Track search mode

2 Select the playback group and track from the top menu, and then play the disc.

   Plays the group or track of the pressed number.

   ※ See “Looking for Specific Sections with the Search Modes” (page 42) for instructions on inputting numbers.

   The search mode selected with this operation is memorized until the unit goes into standby or the disc tray is opened.
Playing Bonus Group

DVD Audio discs may have a bonus group that can be played after entering a password.

1. While stopped, select “Group” with.

2. Enter the bonus group number with ～.

3. Using ～ enter the 4-digit password, and then press .

Playback will begin from the 1st track of the selected group.

* The password may also be entered on the menu screen by following the on screen instructions.

If you enter the wrong password

Press to erase the input number and then enter the correct number.

Selecting Still Images

When a DVD Audio disc has still images on it, you can choose the image to display.

Press during playback.

The next still image is displayed.

Playing High-Quality Audio (Pure Direct Function)

This enables you to play high quality audio by stopping the video signal, etc., output, and outputting the analog audio signal only.

Press while stopped and then select the pure direct mode.

- Off: This turns off the pure direct function.
- On: This turns off the digital signal output, video signal output and display on the display screen.
- User Preset 1: Operates with the registered pure direct setting. (“Pure Direct Setup” page 28)
- User Preset 2

* You cannot use while the GUI menu is displayed.
* With Pure Direct on and the main unit display set to off, indicators other than power are turned off.
* The pure direct setting returns to “Off” when the DBP A100 is put in standby mode.

Playing Files

About the File Display

- Limits to the number of folders and files that can be displayed by the DBP A100 are as follows. (The limited number includes the root folder.)
  - Number of folder directory levels: 8 levels
  - Number of folders: 999
  - Number of files: 9999
  - Number characters per
    - File name, Folder name: 32
    - Artist name, title, etc.: 60

* Text longer than one line is scroll displayed.
* If characters not supported on the menu screen are included in a file name, title, artist name or album title, they are not displayed correctly.
1 Turn the DBP-A100 on.

2 Press [MODE], and select the playback media mode.
   - **DISC MODE**: Plays discs
   - **SD CARD MODE**: Plays SD memory cards

3 Load media.
   The file browser screen will appear.
   - See “Inserting a Disc” and “Inserting an SD Memory Card” (page 6) for how to load media
   - If file browser screen does not appear, press [ ].

4 Select the folder of the data to be played and press [ ].
   - Display screen selection
   - To next level up
   - To next level down
   - To the top level

5 Press [MODE] to select a playback mode.
   - **All Track Mode**: Plays back all files on the media.
   - **Folder Mode**: Plays back files in the selected folder. The folder icon is displayed in the playback mode indicator.

6 Selecting and playing files.
   - [ ]: Select
   - [ ]: Set or playback

Operation during playback differs depending on the file being played. See “Operation During Playback” (page 40).
File Playback

Screen Display During Playback

Display during Playback of Audio Files

- Displays the JPEG image data of cover art, etc., recorded on the file being played.

<table>
<thead>
<tr>
<th>DISPLAY DISC</th>
<th>Track number during playback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Song</td>
<td>Artist</td>
</tr>
<tr>
<td>Album</td>
<td></td>
</tr>
</tbody>
</table>

NOTE
The display of JPEG image data of cover art, etc., recorded on the file being played is enabled when playing MP3 and AAC audio files.

Display of DivX® Files and JPEG Files

- Displays video being played.
- Displays still image being played

Operation During Playback

Audio file and DivX® file operation

- **Playback in Any Order (Random Playback)**
  Press while stopped and then press or .

- **Playing Back Repeatedly (Repeat Playback)**
  Press to select the repeat playback mode.

- **Playing JPEG Files (Still Image)**

Slide show playback of JPEG still image files stored on CD R/ RW, DVD R/RW/+R/+RW disc and SD Memory Card.

1. Press while the file browser screen is displayed.
   A thumbnail screen will appear.
   - Pressing while the thumbnail screen is displayed returns you to the file browser screen.

2. Use to select still images.

3. Press .
   Displays selected image on full screen.

- **Set the image display time on the GUI menu with: “Display Setup” “Slide Show Time” (page 30).
- With a large image file, the image may display for longer than the set time.

- **Changing the Still Image being Played**
  Press .
  - Before playback or display of next image.

- **Pausing the Display**
  Press .
  - To cancel pause, press .

- **Changing the Still Image Orientation**
  - 180° rotation
  - Rotates 90° left
  - Rotates 90° right

- **Returning to the Thumbnail Display Screen**
  Press .

NOTE
Displays the JPEG image data of cover art, etc., recorded on the file being played.
Operations Enabled During Playback

Pausing (page 41)
Pausing

Stopping (Resume Function) (page 41)
Stopping (Resume Function)

Skipping to a Desired Chapter/Track/File (page 41)
Skipping to a Desired Chapter/Track/File

Finding Specific Sections with Search Modes (page 42)
Finding Specific Sections with Search Modes

Memorizing Locations to Replay (Marker Function) (page 43)
Memorizing Locations to Replay

Fast-Forward/Fast-Reverse (page 43)
Fast-Forward/Fast-Reverse

Playing Images Frame by Frame (page 43)
Playing Images Frame by Frame

Slow Forward/Slow Reverse Playback (page 43)
Slow Forward/Slow Reverse Playback

Playback in Random Order (Random Playback) (page 44)
Playback in Random Order

Playing Back Repeatedly (Repeat Playback) (page 44)
Playing Back Repeatedly

Repeat Playback between Specified Points (A-B Repeat) (page 44)
Repeat Playback between Specified Points

Playing Back in your Preferred Order (Program Playback) (page 45)
Playing Back in your Preferred Order

Switching Audio (page 45, 46)
Switching Audio

Changing the Subtitles and Subtitle Style (page 46)
Changing the Subtitles and Subtitle Style

Switching the Angle (page 47)
Switching the Angle

Changing the Brightness of the Display (Dimmer Control) (page 47)
Changing the Brightness of the Display

Operations Enabled During Playback

If the video is blurred while paused, stop playback and press , then, on the GUI menu, change “Display Setup” “Still Mode” “Field” (page 30).

Press during playback.
Playback stops.

About the Resume Function
When playback is stopped, the stop position is memorized.

• The “►” indicator flashes on the display. To resume play from the stop position, press while stopped.

To Cancel the Resume Function
Perform one of the following operations.

• Press while stopped.
• Open the disc tray.
• Change the playback media mode with .
• Remove the SD Memory Card.

• The resume function does not work with menu playback or BD J (Blu ray Disc Java) compatible discs.
• The resume function remains valid even when the standby mode is set. With DivX® files, however, the resume function is cancelled even when the standby mode is set.
• The resume function is cancelled when the power is cut off by unplugging the power cord.

Press during playback.
The “II” indicator will light on the display.

Resume normal playback by pressing .

Skipping to a Desired Chapter/Track/File

During playback, press or .

• Playback begins from the start of the chapter/track/file being played.
• Playback begins from the start of the next chapter/track/file.

Continue pressing and skip to the chapter/track/file by the number of times pressed.

Skipping to a Desired Chapter/Track/File
1 During playback, press \( \text{Chapter Search} \) and then select the search mode.
   The search mode setting bar is displayed at the top of the screen.
   - The search mode changes each time the button is pressed.

   - **Chapter search**
   - **Title search**
   - **Track search**
   - **Group search**
   - **Time search**
   - **Marker search**

   - **Search mode**: BD, DVD-A, DVD-V, DVD, SA-CD, CD, SD, MP3, WMA, AAC, LPCM, DivX, JPEG

   - **Search modes**
     - **Chapter search**
     - **Title search**
     - **Time search**
     - **Marker search**
     - **Track search**
     - **Group search**

   - **Search mode-compatible media and files**
     - Media/file type: BD, DVD-A, DVD-V, DVD, SA-CD, CD, SD, MP3, WMA, AAC, LPCM, DivX, JPEG

   - **Enter search conditions or make settings on the search mode setting bar.**

   - **Operations Enabled During Playback**
     - Entering numbers
       - To enter 3
       - To enter 26
       - To enter 138
     - **About Marker Search**
       - Plays back from your selected marker number.

   - **Search modes**
     - **Entering numbers**
       - Depending on number of recorded songs or chapters, you may not need to use the “ENTER” button.
     - **The search modes do not operate during program or random playback. Use \( \text{Chapter Search} \), \( \text{Title Search} \), \( \text{Time Search} \) to cue.**
     - **Time search works with title and track playback time. It is not work with chapter playback time.**
     - **Search modes may not operate with some discs.**

2 Enter search conditions or make settings on the search mode setting bar.
   Once an entry is finalized, it searches for the specified location.

   - Number entry
     - **Marker number selection**
       - **Finalizes number**
       - **Finalizes the marker number or plays back**
       - **Cancels the marker number**
Memorizing Locations to Replay (Marker Function)

You can attach a marker to a location you want to view or hear again, so that playback begins at that location.

1. During playback, press \( \text{ marker} \), and then select “Marker”.
   - The search mode setting bar is displayed at the top of the screen.

2. Use \( \text{ marker} \) to select a number.
   - Numbers you have already set will be displayed as “✓”.

3. Press \( \text{ marker} \) at the location you want to memorize.
   - The location is registered for the selected marker number.
   - The elapsed playing time at the set location is displayed.

To Play Back Memorized Locations

Use \( \text{ marker} \) to select the marker number, then press \( \text{ marker} \).

To erase markers

Select the number you want to erase, and then press \( \text{ marker} \).

To erase all markers

Select “AC” and press \( \text{ marker} \).

- Subtitles may not appear depending on the locations you have memorized.
- The markers you have set will be erased if you turn the power to standby or eject the disc.
- The marker function does not operate across titles and groups.
- Marker search can only be performed during playback.

Operations Enabled During Playback

Fast-Forward/Fast-Reverse

During playback, press \( \text{ marker} \) or \( \text{ marker} \).

- The fast forward/fast reverse speed changes each time the button is pressed.
- The speed varies with the disc and file.
- Resume normal playback by pressing \( \text{ marker} \).

- You cannot fast forward/fast reverse across files or tracks during program or random playback.
- Fast forward/fast reverse may be disabled with some DivX® files.
- Audio is not output during fast forward/fast reverse of a BD or DVD.

Playing Images Frame by Frame

Press \( \text{ marker} \) while paused.

The disc advances frame by frame each time the button is pressed.

- Frame by frame reverse playback is not available with the BD+.
- If the video is shaky during frame by frame playback, stop playback, press \( \text{ marker} \), then on the GUI menu, change “Display Setup” “Still Mode” “Field” \( \text{ page 30} \).

Slow-Forward/Slow-Reverse Playback

Press \( \text{ marker} \) while paused.

The speed changes each time the button is pressed.

- The speed of slow reverse playback does not change.
- Resume normal playback by pressing \( \text{ marker} \).

- Audio is not output during slow forward/slow reverse playback.
- If the video is blurred during slow forward/slow reverse playback, stop playback and press \( \text{ marker} \), then on the GUI menu, change “Display Setup” “Still Mode” “Field” \( \text{ page 30} \).
Operations Enabled During Playback

Playing in Random Order
(Repeat Playback)

1 Press [MODE] while stopped.
The “RAND” lights on the display and “Random Mode” is displayed on the screen.

2 Press ➤ to play.

About Repeat Modes
The available repeat modes vary depending on the disc or file you are playing.

Press [REPEAT] to select the repeat mode.
※ To resume normal playback, press [REPEAT], and select “Repeat Off”.

Playing Repeatedly
(Repeat Playback)

1 Press [REPEAT] during playback.
The repeat mode icon is displayed at the top of the screen.
※ The repeat mode changes each time the button is pressed.

DATA DISC
Now Playing

2 Press ➤ to select the repeat mode.

Playing Repeatedly Between Specified Points (A-B Repeat)

1 During playback, press A-B at the desired starting point (A).
The “A” indicator will light on the display.
※ To cancel the starting point (A), press [GM].

2 Press A-B again at the desired ending point (B).
The “B” indicator will light on the display, and A-B repeat playback will start.
※ To resume normal playback, press [GM], and select “Repeat Off”.

• You cannot skip a title/file with A-B repeat.
• If you perform a search operation during A-B repeat playback, A-B repeat playback is cancelled.
• A-B repeat playback may not be available with some scenes.
• A-B repeat playback of MP3/WMA/AAC/JPEG/LPCM files is not available.
• A-B repeat playback is not available during repeat playback.
• A-B repeat playback may not be available with some DivX® files.
You can program up to a maximum of 20 tracks.

1 **Press** [PROG] while stopped during stop. The “PROG” indicator lights on the display, and the program setting screen appears.

2 **Enter** the track numbers you want to program on the program setting screen.

3 **Press** Enter. Playback begins in the programmed order.

**Checking the Program Contents**

Press [PROG] during playback. The program setting screen will appear.

You can also check the contents of the program on the unit’s display. Press [CLEAR] while stopped.

**Switching Audio**

With discs and files that have multiple audio track recording, you can change the audio during playback.

With BD, you can set playback to sub-track audio, such as interactive audio and commentary audio, etc., with "Secondary".

**Switching a BD’s Primary Audio/Secondary Audio**

1 **During playback of Primary Audio/Secondary Audio title, press**.

   The audio number currently being played is displayed.

2 **Press**, select “Primary” or “Secondary”, and then press [OK].

   If multiple audio items are recorded, “the current audio number/number of recorded audio items” is displayed.

   When “BD Audio Mode” is set to “HD Audio Output” (page 32), “Secondary” audio is not output.

3 **Select your desired audio language with**.

   3/2.1 Japanese

   1/1 : Off

4 **Press**. The setup screen disappears.

   • Depending on the disc, audio switching may be restricted to operation of the disc menu. In this case, switch the audio on the disc menu.
   • Be sure to set “BD Audio Mode” to “Mix Audio Output” (page 32) for playing back secondary audio.
   • Depending on the BD, even if picture in picture playback is set to “Off”, Secondary Audio only may be output.

   The “PROG” indicator lights on the display, and the program setting screen appears.

   **Clearing Programmed Tracks One by One**

   Press [CLEAR] during stop.

   **Erasing All Programming**

   Press [CLEAR].

You can also check the contents of the program on the unit’s display. Press [CLEAR] while stopped.
Operations Enabled During Playback

Audio Switching (Media Other than BD)

1 Press , during playback.  
The audio number currently being played is displayed.

   [Example] DVD

   Audio 1/5 : Dolby Digital 3/2.1 English

2 Use , to select audio

   [Example] DVD Video

   Audio 2/5 : Dolby Digital 3/2.1 Japanese

3 Press .  
The setup screen disappears.

   • With DVD/RW with bilingual soundtrack recording, you can switch between “Main” (main audio) and “Sub” (secondary audio) or “Main/Sub” (main audio + secondary audio).
   • In CD audio mode, you can switch to “Stereo”, “L ch” (left channel) or “R ch” (right channel).
   • With a DivX® file, “MP3” or “Dolby Digital” audio formats and the number of recorded audio modes are displayed. “   ” appears for audio other than these.
   • With DTS CD (5.1 music disc), you cannot switch audio modes.

Changing the Subtitles and Subtitle Style

During playback of a disc or file with recorded subtitles, you can switch the subtitles on/off as well as the subtitle language. With BD, you can change the style of displayed subtitles.

Switching a BD’s Primary Subtitle/Secondary Subtitle and Subtitle Style

1 Press , during playback.  
The subtitle number currently being played is displayed.

   [Subtitle]
   Primary 1/5 : English  
   Secondary 1/1 : Off
   Style 1 :

2 With , select “Primary”, “Secondary” and “Style”, and then press .  

   [Subtitle]
   Primary 1/5 : English  
   Secondary 1/1 : Off
   Style 1 :

3 Use , to select your desired subtitle language and subtitle style.

   [Subtitle]
   Primary 1/5 : English  
   Secondary 1/1 : Off
   Style 1 :

4 Press .  
The setup screen disappears.

Selecting DVD-Video and DivX® File Subtitles

1 Press , during playback.  
The subtitle number currently being played is displayed.

   [Subtitle]
   1/5 : Off

2 Use , to select subtitles.

   [Subtitle]
   1/5 : English

3 With , select “Primary”, “Secondary” and “Style”, and then press .  

   [Subtitle]
   Primary 1/5 : English  
   Secondary 1/1 : Off
   Style 1 :

With a DivX® file, the currently playing subtitle number and number of recorded subtitles are displayed; the language option is not displayed.
Switching the Angle

During playback of a BD or DVD-Video recorded with several camera angles, you can change the angle.

1 Press \( \text{Angle} \) during playback.
   The angle number currently being played is displayed.

2 Use \( \text{Angle} \) to select angle.

3 Press \( \text{Angle} \). The setup screen disappears.

**NOTE**
Angle changing may be restricted, depending on the disc.

Changing the Brightness of the Display (Dimmer Control)

Press \( \text{Dimmer} \).
The brightness changes each time the button is pressed.

Even when “Off” is selected, the status of operations that are performed appears momentarily on the display if “Display Setup” “Temporary Display” on the GUI menu is set to “On” (page 30).

Web control function

DBP A100 has “Web control function” support that allows you to operate DBP A100 via LAN from your PC, PDA, iPod touch, and iPhone.

**Operating DBP-A100 using a PC browser**

- Connect DBP A100 to the network. (“Connecting to the Network” page 19).
- Please use the Internet Explorer or FireFox browser.

**Preparation**
Press \( \text{U} \) on the remote control to display the GUI menu.

1 **Check the IP address of DBP-A100.** (page 30)
   - Select “Network Setup” from the GUI menu and then select “IP Address”.
   - The address displayed for “Control” is the IP address of DBP A100.

2 **Enter the DBP-A100 IP address in browser’s address box.**
   - For example, if the IP address of DBP A100 is “192.168.11.217”, enter http://192.168.11.217.
   - The top menu appears on the PC screen.

**NOTE**
If you set “DHCP” in “Network Setup” of the GUI menu to “On”, the IP address of DBP A100 will change every time DBP A100 is connected. Check the IP address, whenever you use the Web control function. (page 30)

3 **Click the menu you want to operate.**
   - **Player Control**
     - Click to operate DBP A100.
   - **Setup Menu**
     - Click to operate the Setup Menu.
   - **PDA Menu**
     - Click to operate DBP A100 using a PDA terminal.

Player Control

You can perform basic operations of DBP A100 from a PC screen using the “Player Control” menu. Each operation button on this screen functions in the same way as the buttons on DBP A100 and remote control.

[Diagram of Player Control]

1 Shortcut key to each menu.
2 Click when you update to the latest information.
3 Click to add a setting to “Favorites”.
4 To turn on power using the ON button of a PC browser, set “Power Saving” in “Other Setup” of the GUI menu to “Quick Start Mode”. (page 31)
### Setup Menu
You can perform various settings of DBP-A100 on the Setup Menu screen. For further information about setting items, see “GUI Menu Setup” on page 21.

1. Click the menu from which you want to make settings.
   - The display on the right becomes each setting screen.
2. “SAVE”: Click to save settings. The settings are saved on your PC.
   - “LOAD”: Click to recall settings.
3. Click the setting item.
4. Click “f” and select from the displayed items.
5. Enter values or click “<” or “>” to make the setting.
6. Click “Set” to set the values.
7. Click to return to the top menu.

### Operating DBP-A100 using the iPod browser
- You can perform basic operations of DBP A100 using network ready iPod products such as iPhone® and iPod® touch.
- Before starting the operation, connect DBP A100 to the network. ("Connecting to the Network" page 19).
  - iPhone® and iPod® touch is a trademark or registered trademark of Apple Inc. in the U.S. and other countries.

#### Preparation
- Press the remote control to display the GUI menu.

1. Check the IP address of DBP-A100. (page 30)
   - Select “Network Setup” from the GUI menu and then select “IP Address”.
   - The address displayed for “Control” is the IP address of DBP A100.

2. Enter the DBP-A100 IP address in browser's address box.
   - For example, if the IP address of DBP A100 is “192.168.11.217”, enter http://192.168.11.217.
   - The top menu appears on the PC screen.

#### Note
- If you set “DHCP” in “Network Setup” of the GUI menu to “On”, IP address of DBP A100 will change every time DBP A100 is connected.

### PDA Menu
You can perform basic operations of DBP A100 from a PDA using the PDA Menu screen.

1. Click to display the screen used for basic playback operation.
2. Click to operate random or repeat playback and perform output signal related settings.
3. Click to perform advanced settings.

- For details on setting items, see the Owner’s Manual.
- To switch to another mode while the operation screen of each mode is being displayed, use the iPod browser’s back button " ◀ " to return to the top menu.
HDMI Control Functions

When you make HDMI connections with a TV or AV Amp compatible with DBP-A100 and HDMI control functions, you can perform the following operations by setting up the HDMI control functions of each device.

- **TV or AV Amp power is turned on by operating the DBP-A100 and functions change with DBP-A100 input.**

- **Turning off the TV’s power turns the DBP-A100’s power to standby.**

- **Operating the DBP-A100 via the TV’s remote control.**
  (When the TV’s remote control has player operation buttons)

**NOTE**

- The HDMI control function controls operations of a TV that is compatible with the HDMI control function. Make sure that the TV and HDMI are connected when you perform HDMI control.
- Some functions may not operate depending on the connected TV or AV Amp. Check the owner’s manual of each device for details beforehand.
- When “Other Setup” “Power Saving” on the GUI menu is set to “Power Saving Standby” or “Normal Standby” (page 31), the player’s power cannot be turned on using the HDMI control function.
- When “HDMI Setup” “HDMI Control” “Power Off Control” on the GUI menu is set to “Off” (page 24), the DBP A100 does not go to standby even if the connected device is in the standby mode.
- When “DENON LINK Setup” “DENON LINK Mode” on the GUI menu is set to “4th”, the HDMI control function is enabled for the connected devices.

1. **Set the HDMI control function to “On”.**
   On the GUI menu, set “HDMI Setup” “HDMI Control” (page 24).

2. **Turn on all the equipment connected by HDMI cable.**

3. **Set the HDMI control function for all equipment connected by HDMI cable.**
   On the GUI menu, set the DBP A100 with “HDMI Setup” “HDMI Control” (page 24).
   ※ Please refer to the owner’s manuals of connected devices for how to make settings.
   ※ Carry out Steps 2 and 3 if any of the equipment was unplugged.

4. **To ensure that the DBP-A100’s HDMI video output is projected on the TV screen, change the input function of the TV and AV Amp.**

5. **When you turn the TV’s power to standby, check that the power of the DBP-A100 and AV Amp also goes on standby.**

If the HDMI control function does not operate properly, check the following points.
- Is the TV or AV Amp compatible with the HDMI control function?
- Are the HDMI control function settings of all equipment correct? (Step 3)
- After setting, did you add another HDMI device connection or make any changes in the connections? If so make the settings again.
Other Information

About DENON LINK
DENON LINK is a unique digital, balanced transfer type of interface developed by DENON. It offers high speed, high quality transfer of digital audio data with low signal loss. It can be used with DENON AV Amp equipped with a special DENON LINK connector via a single cable to enable playback with high sound quality. It allows digital transfer of the 192 kHz/24 bit 2 channel digital signals of DVD Audio discs, PCM multi channel signals, etc. Full spec digital transfer of the audio contents of Super Audio CD is possible by connecting a player equipped for DENON LINK 3rd Generation. During processing of DENON LINK, the DENON LINK indicator of the display lights.
DENON LINK 4th uses the clock of the AV Amp connected by DENON LINK to achieve HDMI signal transfer with little jitter when playing BD.

About Advanced AL24 Processing
"Advanced AL24 Processing" installed in the analog output dramatically improves the information volume on the time axis with independent speed signal detection and processing technology for the PCM signal playback system. In addition to data expansion to 24 bit, it conducts natural interpolation processing with no loss of original data by digital upsampling. The "Advanced AL24" indicator lights on the front panel when Advanced AL24 Processing is in operation.

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**Explanation of Terms**

**A**

Anamorphic lens
This lens enlarges the 16:9 image to a 2.35:1 image when projecting the image with a projector.

Aspect ratio
This is the length and width ratio of the TV screen. The conventional TV screen’s ratio is 4:3 and a wide screen TV’s screen ratio is 16:9.

**B**

BD-J (Java)
BD Videos offer fun software with more interactive functions (games) that use Java applications.

BD-LIVE
The DBP-A100 can be connected to the Internet to enjoy a number of features, including additional contents such as special videos or subtitles, network games, etc.

Bit rate
This is the amount of video or audio data recorded on a disc that is read in one second.

Blu-ray disc
This is a one sided, one layer disc with 25GB capacity for recording high vision video movies and games.

Bonus View
Special images for BD Videos. It includes comments from the movie director, simultaneously developing sub stories, and images from different angles.

**C**

Chapter
This is a break intended by the producer, who organizes the titles of BD or DVD Videos. The chapter search function searches for the beginning of this break.

Deep Color
This technology allows expression of more colors than the conventional 8 bit and can reproduce more natural colors without any color streaking.

DHCP (Dynamic Host Configuration Protocol)
This mechanism automatically performs network configurations, such as IP addressing for network devices, including DBP-A100, PCs, and broadband routers.

**D**

Dolby Digital (5.1-ch Surround)
This is a stereophonic effect developed by Dolby Laboratories. This is a maximum of 5.1 channels, independent multi channel audio system.

Dolby Digital Plus
This is an extended version of Dolby Digital and is a high sound quality, digital audio technology adopted as an optional audio for Blu-ray discs.

Dolby TrueHD
This lossless coding technology is adopted as an optional audio for Blu-ray disc and supports 7.1 channels.

Downmix
This function converts the number of channels of surround audio to less channels for playback.

DTS
This is an abbreviation of Digital Theater System, which is a digital audio system developed by DTS. When playing audio on this system while connected to a device such as a DTS amplifier, accurate sound field position and realistic sound effects can be obtained, making you feel like you are in a movie theater.

DTS-HD
This lossless coding technology is adopted as an optional audio for Blu-ray disc and supports 7.1 channels.

Dynamic range
The difference between the maximum, undistorted sound level and the minimum sound level that is discernible above the noise emitted by the device.

**F**

Finalizing
This process enables BD/DVD/CD discs recorded with a recorder to be played by other players.

HDCP
When transmitting digital signals between devices, this copyright protection technology encrypts the signals to prevent content from being copied without authorization.

HDMI
This is an abbreviation of High Definition Multimedia Interface, which is an AV digital interface that can be connected to a TV or amplifier. Video signal and audio signal can be connected with 1 cable.

Interlacing (interlaced scanning)
This conventional method used to project images on a TV displays 1 frame of image in half and half, respectively as 2 fields.

**I**

Interactive audio
This is audio recorded in the titles of BD Videos, such as clicking sounds made during operations.

**L**

LFE
This is an abbreviation of Low Frequency Effect, which is an output channel that emphasizes low frequency effect sounds. Surround audio is intensified by outputting 20Hz to 120Hz deep bass.

Linear PCM
This is an uncompressed PCM (Pulse Code Modulation) signal. This is the same system as the CD audio but uses 192kHz, 96kHz, and 48kHz sampling frequencies on BD or DVD and provides higher sound quality than CDs.

**M**

MPEG
This is an abbreviation of Moving Picture Experts Group, which is an international standard of the moving picture audio compression method. Images on BDs and DVDs are recorded using this method.

**P**

Picture-in-picture
This BD Video function allows you to view scenes, such as the making of or commentary on the movie, in the secondary video while viewing the main story in the primary video.

Popup menu
This type of menu is recorded with BD software. While playing back a BD, this menu can be displayed on the front of the screen and can be operated.

Primary audio
This audio signal is recorded in the main story in BD Video.

Progressive (sequential scanning)
This is a system for scanning the video signal that displays 1 frame of video as one image. Compared to the interlace system, this system provides images with less flickering and bleeding.

**R**

Rating
Depending on the age of the viewer, this function restricts the playing of BD Videos or DVD Videos. DBP-A100 can be set to restrict viewing in 0 to 254 levels for BD Videos, and 1 to 8 levels for DVD Videos.

Region code
This code indicates the country or region where the BD or DVD Video can be played back.

Secondary audio
This is audio content, such as the director’s comments, and other data recorded in the bonus view of BD Video.

**T**

Title
This is the unit of content that consists of chapters of BD or DVD Videos. Some BDs or DVD Videos may include multiple titles.
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## Troubleshooting

If a problem occurs, firstly check the following:
1. Are the connections correct?
2. Is the set being operated as described in the owner’s manual?
3. Are other components operating properly?

If this unit does not operate properly, check the items listed in the table below. If the problem continues there may be a malfunction. In this case, disconnect the power immediately and contact your retail outlet.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause / Countermeasure</th>
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<tbody>
<tr>
<td>Power does not turn on.</td>
<td>• Check if the power cord is properly connected.</td>
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<td></td>
<td>• Plug the power supply cord into the power outlet.</td>
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<td></td>
<td>• The safety protection device may be activated. Unplug the power cord once, and wait for 5 10 seconds and then plug it in again.</td>
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<td></td>
<td>• Check the back of the set to see if something is keeping the fan from rotating.</td>
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<td>3, 9</td>
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<tr>
<td>Unable to play back BD LIVE / bonus view.</td>
<td>• Does the SD Memory Card have more than 1GB of available space?</td>
<td>4, 36</td>
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<td></td>
<td>• Has the SD Memory Card been initialized by the DBP A100?</td>
<td>31</td>
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<tr>
<td></td>
<td>• Was the SD Memory Card inserted while the power of the unit was on. (Insert the SD Memory Card while the DBP A100 is in the standby status.)</td>
<td>4, 36</td>
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<td></td>
<td>• Remove the write protection of the SD Memory Card.</td>
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<tr>
<td>No picture appears.</td>
<td>• Switch the TV’s input setting to the external input connected to the player.</td>
<td>28, 38</td>
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<td></td>
<td>• Is the Pure Direct function set to “On”? Set it to “Off”.</td>
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<td></td>
<td>• Is the HDMI mode set to “HDMI On”? In this case, video signals are output from the video, S Video and HDMI terminals, but not from the component terminals.</td>
<td>13</td>
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<td>• Check the connection of the video/S Video/component video cable.</td>
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<td></td>
<td>• Is the GUI menu “HDMI Setup” “I/P Direct” set to “On”? If so, no video signals are output from the video and S Video terminals during playback of certain discs.</td>
<td>18</td>
</tr>
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<td></td>
<td>• Does the “Video Setup” “Component Resolution” setting on the GUI menu match the connected device’s resolution? Set it so that it matches.</td>
<td>23</td>
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<tr>
<td>HD audio is not output.</td>
<td>• Set “BD Audio Mode” to “HD Audio Output”.</td>
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<td></td>
<td>• The picture may be slightly disturbed right after fast forwarding or reversing. This is not a malfunction.</td>
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<td></td>
<td>• Connect the DBP A100’s video/S Video/component video output either directly to the TV or to the TV via the AV Amp. Do not connect via a VCR, (video cassette recorder). Some discs include copy prohibit signals, and when such discs are played via a VCR the copy guard system may disrupt the picture.</td>
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<td>• Is a disc that is not compatible with the player or a disc with a different region number loaded? (This player supports region code “A” for BD Video discs, “1” or “ALL” for DVD Video discs.)</td>
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<tr>
<td></td>
<td>• Is the GUI menu “HDMI Setup” “I/P Direct” set to “On”? If so, no video signals are output from the video and S Video terminals during playback of certain discs.</td>
<td>23</td>
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### Cause / Countermeasure

- Check the connection of the HDMI cable.
- Is the “HDMI” indicator on the display of the DBP A100 lit?
- Is the Pure Direct function set to “On”? Set it to “Off”.
- Also, is “Pure Direct Setup” “Video Out” on the GUI menu set to “Off”? at the “User Preset 1” or “User Preset 2” setting? Set it to “On”.
- Is the HDMI mode set to “HDMI Off”? If so, video signals are output from the HDMI terminal.
- Check whether the connected display device or other device supports HDCP. This unit will not output a video signal unless the other device supports HDCP. See the owner’s manual of your TV, AV Amp, etc.
- Check that the setting of the HDMI video resolution supports the resolution of the connected device. When set to “Auto”, DBP A100 makes the setting automatically.

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## Troubleshooting Information

### HDMI Control Function

<table>
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<th>Symptom</th>
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| No sound or the sound is hard to hear. | - Check the audio connections of connected devices and speakers.  
- Is the power connected audio devices turned on? Is the input selection set to the input to which the DBP A100 is connected?  
- Is the audio output properly selected? | 11 – 20 |
| The picture freezes momentarily during playback. | - If a disc is scratched or contaminated with fingerprints, the disc may not play correctly. Clean the disc or replace with a non scratched disc.  
- There may be a problem with the data recorded on the disc. | 6 |
| Playback does not start even when ▶ is pressed, or starts but stops immediately. | - Is there condensation inside the player or on the disc? (Let it sit for 1 to 2 hours with the power off.)  
- When the disc is scratched or contaminated with fingerprints, the disc may not play correctly. Clean the disc or replace with a non scratched disc.  
- Is the disc loaded upside down? Load the disc properly, with the side to be played face down.  
- Is an unplayable disc loaded? | 3, 6 |
| Subtitles are not displayed. | - Subtitles cannot be displayed for BD Video, DVD Video or DivX® files that do not contain subtitles.  
- Is the subtitle setting “Off”? Use the disc menu or [ ] to set the subtitles to display. | 46, 23 |
| My SD Memory Card cannot be read. | - The format of the card does not match this unit or the card is not compatible.  
- Is the playback media mode set to “SD CARD MODE”? Select “SD CARD MODE” with [ ]. | 31, 34 |
| No return to start up screen when a disc is removed. | - There may be an internal error. Set the power to standby, wait awhile, then turn the power back on. | 7, 7, 7, 7, 7 |
| The set cannot be operated with the remote control. | - Aim the remote control directly at the infrared sensor window on the front of the unit.  
- Operate within a distance of 7 meters from the remote control sensor.  
- Remove any obstacles.  
- Replace the batteries with new ones.  
- Insert the batteries in the proper direction, checking the Q and W marks.  
- Match the signal code of the remote control to the signal code of the unit. | 7, 7, 7, 7, 7 |

### Playback

<table>
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<th>Symptom</th>
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<td>The unit is operated by the remote control of another DENON product.</td>
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| Buttons do not work or the unit stops responding. | - Operations may not be permitted by the disc.  
- The safety protection device may be activated. Unplug the power cord once, and wait for 5 10 seconds and then plug it in again.  
- Refer to the instructions of the disc. | 31 |
| A playable disc is not read. | - The pickup lens may be dirty. Before requesting servicing, try cleaning the laser pickup with a commercially available lens cleaner. (Do not use a cleaner with a brush because it may damage the lens.) | 47 |
| The camera angle does not switch. | - If the multiple angles are not recorded in a BD Video or DVD Video, the camera angle cannot be switched. Also, multiple angles may only be recorded for specific scenes. | 29 |
| Playback does not start when a title is selected. | - Playback may be prohibited by the viewing restriction setting. Check the “Ratings” setting on the GUI menu. | |
| I have forgotten the password for the rating level. | - On the GUI menu, perform the “Other Setup” “Initialize” procedure. | 31 |

### Getting Started

- Some functions may not be used under certain operating conditions, but this is not failure of the unit. Read the description in this Owner’s Manual for details on correct operations.
- The volume may differ from disc to disc. This is due to the differences in how the signals are recorded on the disc and is not a malfunction.
- During programmed playback, it is not possible to perform random playback or to start playback from a desired track or file.
- Some functions are prohibited on some discs.
Specifications

Audio performance

Signal format:
- NTSC

Applicable discs / memory cards:
1. BD Video discs:
   - 12 cm, 1 side, 1 layer; 12 cm, 1 side, 2 layers
2. DVD Video / DVD Audio discs:
   - 12 cm, 1 side, 1 layer; 12 cm, 1 side, 2 layers / 12 cm, 2 sides, 2 layers (1 side, 1 layer) / 8 cm, 1 side, 1 layer; 8 cm, 1 side, 2 layers / 8 cm, 2 sides, 2 layers (1 side, 1 layer)
3. Super Audio CDs:
   - 12 cm, 1 layer / 12 cm, 2 layer / 12 cm, Hybrid
4. Compact Discs (CD DA):
   - 12 cm, / 8 cm, discs
5. Memory cards:
   - SD Memory Card / SDHC Memory Card / miniSD Card / microSD Card

S-Video output:
- Y output level: 1Vp (75Ω)
- C output level: 0.286 Vp p
- Output terminal: S Video, 1 set

Video output:
- Output level: 1Vp (75Ω)
- Output terminal: Pin jack, 1 set

Component video output:
- Y output level: 1Vp (75Ω)
- Pb/Cb output level / Pr/Cr output level: 0.648 Vp p (75Ω)
- Output terminal: Pin jack, 1 set

HDMI output:
- Output terminal: 19 pin HDMI terminals, 1 set
- HDMI ver. 1.3a
- (Deep Colour, Dolby Digital Plus, Dolby TrueHD, DTS HD)

Analog audio output:
- Output level: 2 Vrms (10 kHz)
- 2 channels output terminal: Pin jack, 1 set
- 7.1 channels output terminal: Pin jack, 1 set

Audio output characteristics:
1. Frequency response:
   1. BD (Multi linear PCM):
      - 2Hz – 22kHz (48kHz sampling)
      - 2Hz – 44kHz (96kHz sampling)
      - 2Hz – 88kHz (192kHz sampling)
   2. DVD (Multi linear PCM):
      - 2Hz – 22kHz (48kHz sampling)
      - 2Hz – 44kHz (96kHz sampling)
      - 2Hz – 88kHz (192kHz sampling)
   3. Super Audio CD:
      - 2Hz – 100kHz
   4. CD:
      - 2Hz – 20kHz
2. S/N ratio: 125dB
3. Total harmonic distortion: 1kHz 0.0008%
4. Dynamic range: 110dB

Digital audio output:
- Optical digital output: Optical connector, 1 set
- Coaxial digital output: Pin jack, 1 set

General

Power supply:
- AC 120 V, 60 Hz

Power consumption:
- 55 W
- When in Power Saving Standby: 0.3 W
- When in Normal Standby: 0.8 W
- When in Quick Start Mode: 20 – 35 W (Changes according to connection status, etc.)

Maximum external dimensions:
- 434 (W) x 137 (H) x 383 (D) mm (17 3/32” x 5 25/64” x 15 5/64”)

Weight:
- 11.3 kg (24 lbs)

Remote control unit (RC-1140)

Remote control type:
- Infrared pulse

Batteries:
- R6/AA Type (two batteries)

Maximum external dimensions:
- 58 (W) x 230 (H) x 37 (D) mm (2 9/32” x 9 1/16” x 1 29/64”)

Weight:
- 205 g (Approx. 7.2 oz) (included batteries)

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DOCUMENTATION ROADMAP
This file contains the following sections:
OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE FILE FORMAT WARS Other software "not to get.
TO DO Plans for future IJG releases.
The library is intended to be reused in other applications. In support to file conversion and viewing software, we have included considerable functionality beyond the JPEG baseline encoding capability, for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats on modern displays. The color functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wjpgcom", two simple applications for inserting and extracting textual comments in JFF files. The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it. We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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REFERENCES
We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.


If you are on a Unix machine, we highly recommend Jef Poskanzer’s free PBMPPLUS software, which provides many useful operations on PPM format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cp/pdjpeg considerably more useful. The latest version is distributed by the NPFG group, and is available from numerous sites, notably ftp://vinarchive.wustl.edu/graphics/ppm/packages/NetPPM.

Unfortunately, PBMPPLUS/NETPPM is not nearly as portable as the LJG software is; you have likely had difficulty making it work on any non Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower to use, any less portable than the LJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we don’t do. (On the other hand, it does do progressive JPEG.)

FILE FORMAT WARS

Some JPEG programs produce files that are not compatible with our library.

The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors “filled in the blanks” on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files with others.) The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has even been adopted as the standard JPEG format, at least for end applications that need to record a lot of additional data about an image. Tiff/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF.

SPIFF is interoperable with JIF, in the sense that most JPEG compliant devices should be able to read the most commonly variant of SPIFF. SPIFF has some technical advantages over JIF, but its major claim to fame is simply that it is an official standard. However, it is not clear whether SPIFF will supplant JIF; whether JIF will remain the de facto standard. LJG intends to support both, but the decision has not yet been made whether it should support one or the other format.

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We will miss him tremendously, and we wish him the best in his future endeavors.

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