

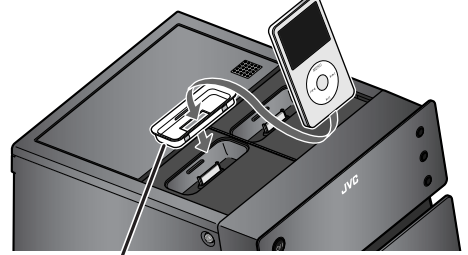
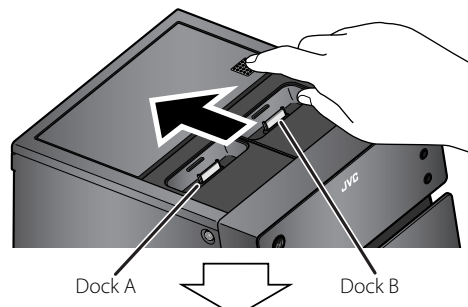
## Enjoying Movies/Music from your iPod

### Compatible iPod Models

iPod model	Audio	Video		Tag information
		Composite	Component	
iPod nano 1GB/2GB/4GB	✓	—	—	✓
iPod nano (2nd generation) 2GB/4GB/8GB	✓	—	—	✓
iPod nano (3rd generation) 4GB/8GB	✓	✓	✓	✓
iPod nano (4th Generation) 8GB/16GB	✓	✓	✓	✓
iPod mini 4GB	✓	—	—	—
iPod mini (2nd Generation) 4GB/6GB	✓	—	—	—
iPod with color display 20GB/60GB	✓	—	—	—
iPod (Click Wheel) 20GB/40GB	✓	—	—	—
iPod classic 80GB/120GB/ 160GB	✓	✓	✓	✓
iPod photo 30GB/40GB/60GB	✓	✓ <sup>*1</sup>	—	—
iPod (5th Generation) 30GB/60GB/80GB	✓	✓	—	✓
iPod touch 8GB/16GB/32GB	✓	✓ <sup>*2</sup>	✓ <sup>*2</sup>	✓
iPod touch (2nd Generation) 8GB/16GB/32GB	✓	✓	✓	✓

### To connect an iPod

Connect an iPod to dock A or B on the unit. You can have 2 iPod devices connected at the same time.



Dock adapter (supplied with the iPod or sold separately)

- Make sure the unit is on standby when you connect the iPod.
- When you connect iPod to the dock, make sure the terminal on the dock is fully inserted into iPod.
- After connecting iPod, wait until the unit is ready for operation (about 3 seconds).
- Be careful not to damage the terminal on the dock when connecting / disconnecting the iPod.
- Do not touch or hit the terminals of the dock and of iPod. It might cause damage to these terminals.
- Always set the volume to the minimum level when connecting or disconnecting iPod.
- Turn off the unit when disconnecting iPod.
- Do not carry the unit with iPod connected. You might drop it down or it might cause damage to the connector part.
- Remove iPod from the dock when you do not use it.

### To detach the dock adapter from the dock:

Pull up the dock adapter with your fingernail or sharp pointed tool using the slot.



- Be careful not to injure your fingertips or damage the terminal of the dock.

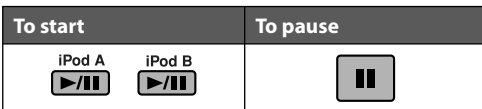
### About charging the battery of iPod

The unit enables users to charge the battery of iPod.

- Press **0/1** to turn on the power of the unit.
  - Select iPod as the source.
  - Press and hold **■** for 2 seconds to start charging.
- Press and hold **■** to deactivate the battery charging function.
  - When 2 iPod devices are connected, both batteries are charged at the same time.
  - For details of the battery charging, see the instruction manual for iPod.

### Playing Back iPod Devices

- Before viewing a video/picture from iPod on your TV, make the appropriate video setting on iPod. For details of the setting, see the instruction manual for iPod.
- For iPod touch
  - Operate iPod touch itself in the following cases:
    - when operating the home button
    - when selecting application icons on the home screen
    - when dragging the slider
  - When you cannot operate iPod connected through the unit or using the remote control, operate iPod itself.



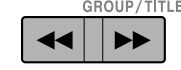
### To forward or reverse skip

While playing...



### To fast-forward or fast-reverse the track

While playing...



### Repeat playback

Press REPEAT to change the repeat playback settings. Press once for track repeat, twice for repeat all, and once more to cancel. The System displays "REPEAT" only (iPod display changes).

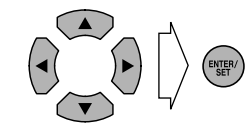


- Refer to the instruction manual for the iPod for details.

### To go back to the previous menu



### To select an item on the menu

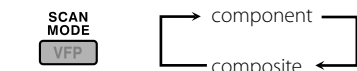


- To confirm an item on the menu, press "ENTER/SET"

### Selecting the Video Output

To view an image of the iPod on the TV screen, select the video output correctly according to the connection method.

#### 1 Before playing back...



#### 2



### Shuffle Play

Applies Shuffle Play to iPod on Dock A or B selected as the source. Select the desired shuffle mode.



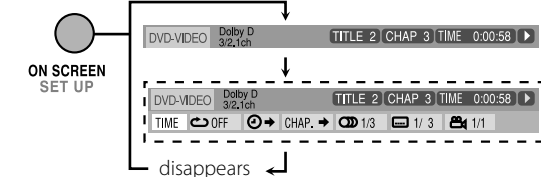
- The shuffle icon lights up on the display of iPod devices.
- To cancel, press again until the shuffle icon disappears.



## On-screen Operations for Disc

### Operating the On-screen Bar

- Display the entire on-screen bar while playing.  
Ex: While "DVD/CD" is selected as the source...



- Select (highlight) the function using the cursor buttons then press ENTER/SET.

### Function icons

**TIME**  
Time indications: Press repeatedly ENTER/SET to change the timer indication.  
**TIME**: Elapsed playing time of the current chapter/track (not applicable for DVD-VR).  
**REM**: Remaining time of the current chapter/track (not applicable for DVD-VR).  
**TOTAL**: Elapsed disc time.  
**T.REM**: Remaining time of title (DVD Video)/original program (DVD-VR)/disc (SVCD/VCD).

**OFF**  
Repeat Mode: Select the desired option in the pop-up window using the cursor buttons then press ENTER/SET.

**A-B**: Repeats a desired position.  
① Press ENTER/SET at the start point during play.  
② Press ENTER/SET at the end point during play.  
A-B repeat starts.  
**TITLE**: Repeats the current title.  
**ALL**: Repeats the disc (not applicable for DVD) or programmed tracks.  
**CHAPTER**: Repeats the current chapter.  
**TRACK**: Repeats the current track.  
**OFF**: Cancels Repeat Mode.

**CH**  
Time search (hours/minutes/seconds): Enter the time in the pop-up window using the number buttons then press ENTER/SET.  
• Always enter the hour digit (even "0" hours).  
• To correct a mis-entry, press **◀** to erase the last entry.

**CHAP**  
Chapter search: Enter the chapter number in the pop-up window using the number buttons then press ENTER/SET.  
• To correct a mis-entry, press the number buttons until the desired number is shown in the pop-up window.

**CD** **1/3**  
**1/3**  
**1/3**  
Audio language or channel, Subtitle language, View angle: Select the desired option in the pop-up window using the cursor buttons then press ENTER/SET.

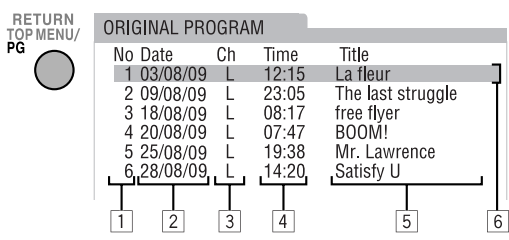
To clear the on-screen bar, press ON SCREEN again.

### Control Screen Operations

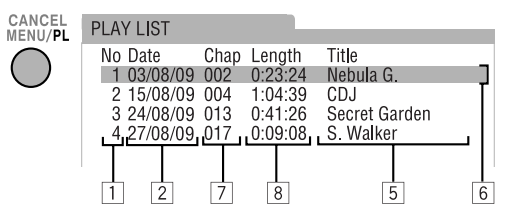
You can search for and play the desired items through the control screen.

#### For DVD-VR

Ex.: When Original Program is selected.

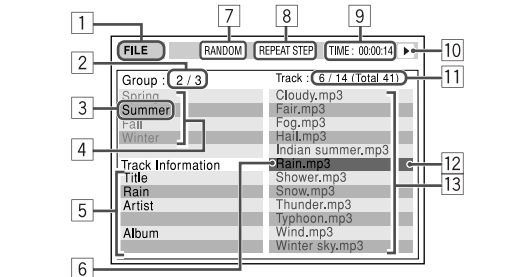


Ex.: When Play List is selected.



#### For MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX files

Ex: While playing an MP3 file on a disc.



- Listed number
- Recording/creating date
- Recording channels
- Recording time
- Title
- Highlight bar
- Chapters included
- Playback time

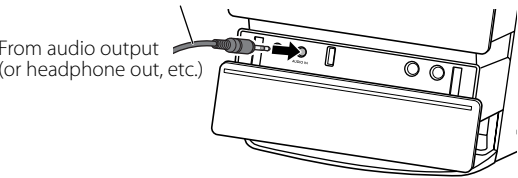
- Current source
- Current group number/total group number
- Current group
- Group list
- File information (only for MP3/WMA/WAV files)
- Current file
- Random Play/Program Play setting (for "DVD/CD")
- Repeat Play setting
- Elapsed playing time of the current file (not applicable for JPEG files)
- Operation status icon
- Current file number/ total number of files in the current group (total number of files)
- Highlight bar (current selection)
- File list

## Listening to an External Device

### To connect an audio player

You can listen to the audio player connected to the AUDIO IN jack.

Stereo mini plug (not supplied)



- Make sure to turn down the volume on the System to minimum level before starting playback.

### To adjust the audio input level

If the sound from the device connected to the AUDIO IN jack is too loud or too quiet, you can preset the audio input level through the AUDIO IN jack (without changing the volume level).

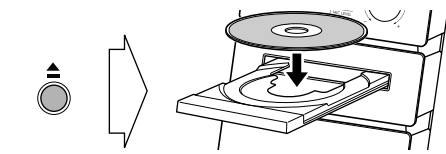
While "AUDIO IN" is selected as the source...



- As the number of the level increases, the preset input level is increased.

## Listening to a Disc/USB Device

### To insert a disc



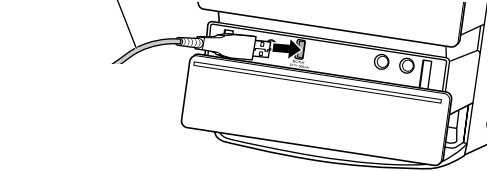
- When using an 8 cm disc, place it on the inner circle of the disc tray.
- To close the disc tray, press **▲** again.

### To prohibit disc ejection (Child Lock)

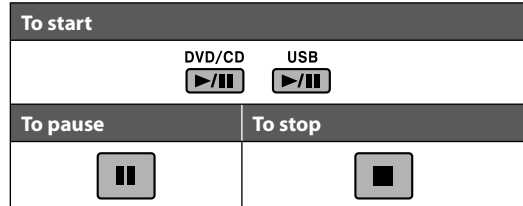
When the System is turned on and the disc tray is closed, press **▲** while touching **■** (on the main unit).  
To cancel the prohibition, repeat the same procedure. "UNLOCKED" appears on the display.

### To connect a USB device

USB cable (not supplied)



### Playing Back



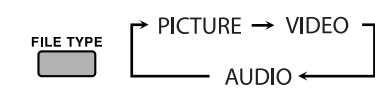
### Resume Play

The System can store the stop point, and when you start playback again by pressing **▶**, DVD/CD **▶/II** or USB **▶/II** (even while on standby), it starts from the position where you have stopped—Resume Play.  
To stop completely while Resume is activated, press **■** twice.

### To select the file type

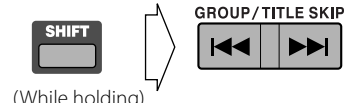
If different types of playable files (audio/still picture/ moving picture) are recorded, select a file type to play.

While playback is stopped...



### To select a title/group

While playing...



(While holding)

### To select a chapter/track/file

While playing...



- When you press **◀◀** for the first time, you go back to the beginning of the current chapter/track/ file.

### To locate a particular position

While playing...



- This does not function for JPEG files.

### To locate an item directly

To select a title/group:



(While holding)

To select a chapter/track/file:  
Press a chapter/track/file number using the number buttons.

### Program Play/Random Play

Program Play/Random Play cannot be used for "USB," DVD-VR and JPEG/MPEG-1/MPEG-2/ASF/DivX files on a disc, and some DVDs.



To exit Program Play or Random Play, press PLAY MODE repeatedly until PRGM, RND indicator are all off before or after playback.

**PROGRAM**—To program the playing order.  
• You can arrange the playing order of the chapters/tracks/ files (up to 99) before you start playback.

- Resume does not work for Program Play.
- For DVD/CD:
- Press PLAY MODE repeatedly to select PROGRAM.
  - Select chapters/tracks/files you want for Program Play using the number buttons.
    - For DVD Video and MP3/WMA/WAV files: Select a title or group number, then select a chapter or track/file number.
  - Repeat step ② until you complete your program.
  - Start playback.

**RANDOM**—To play all the tracks/chapters at random.

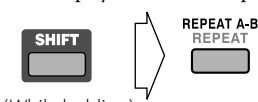
### Playing Repeatedly

Press REPEAT repeatedly to select Repeat Mode.

REPEAT	Description
REPEAT CHAP	Repeats the current chapter.
REPEAT TITL	Repeats the current title.
REPEAT TRK	Repeats the current track/file.
REPEAT PG	Repeats the current original program.
REPEAT PL	Repeats the current Play List.
REPEAT ALL	Repeats all the contents or programmed tracks/files.
REPEAT OFF	Canceled.

### A-B Repeat

You can play back a desired portion repeatedly.



(While holding)

Repeat the procedure to select the start point (A), then the end point (B) during playback.

- To cancel A-B repeat, press the same button again.

### Unique Video Disc/File Operations

Program Play/Random Play cannot be used for the discs or files.

#### To select the audio track

You can select the language or the audio channel to listen to.

#### To select the subtitle language

You can select or turn on/off the subtitle language to display on the TV.

#### To select the view angle

You can view the same scene from different angles.

#### To play back still picture

Press **II** while playing.

#### To play back frame by frame

Press **II** while displaying the still picture.

#### To play back slow-motion

Press **II** to display the still picture, then press **◀◀** or **▶▶** to select slow-motion speed.

\* Reverse slow motion is only available for DVD Video.

#### To replay the previous scenes (One-Touch Replay)

While playing...



The playback position moves back about 10 seconds before the current position (only within the same title for DVD Video).

### Zoom

Press ZOOM repeatedly to select the magnification of the zoom. You can move the zoomed-in position using the cursor buttons.

## Listening to the Radio

### Tuning in to a Station

While FM or AM is selected...



Frequency starts changing on the display. When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

- When you repeatedly press the button, the frequency changes step by step. To manually stop the search, press either button.
- The ST indicator lights while an FM stereo station with sufficient signal strength is tuned in.

### If the FM reception is poor



The MONO (monaural) indicator lights on the display. Reception will improve though stereo effect is lost—Monaural reception.  
To restore the stereo effect, press the button again. The MONO (monaural) indicator disappears.



## Setup Menu

You can change the settings of the System.

- The Setup Menu can be used when "DVD/CD" or "USB" is selected as the source.

- When playback is stopped, press SET UP while holding SHIFT to display the Set up Menu.
- Select the menu and item using the cursor buttons.
- Press ENTER/SET.
- Select the options using the cursor buttons, then press ENTER/SET.

To clear the Setup Menu, press SET UP (while holding SHIFT).

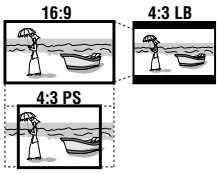
### Menus and items

#### LANGUAGE

- MENU LANGUAGE**—To select initial menu language for DVD Video.
- AUDIO LANGUAGE**—To select initial audio language for DVD Video.
- SUBTITLE**—To select initial subtitle language for DVD Video or select "OFF".
- ON SCREEN LANGUAGE**—To select "ENGLISH," "CHINESE" or "SPANISH" as the on-screen language.

#### PICTURE

- MONITOR TYPE**—To select the monitor type to match your TV ("16:9 NORMAL," "16:9 AUTO," "4:3 LB," "4:3 PS," "16:9 MULTI NORMAL," "16:9 MULTI AUTO," "4:3 MULTI LB" or "4:3 MULTI PS").



- PICTURE SOURCE**—To select "AUTO," "FILM" or "VIDEO" to obtain optimal picture quality.
- SCREEN SAVER**—To activate or deactivate Screen Saver.
- FILE TYPE**—To select "AUDIO," "STILL PICTURE" or "VIDEO" as the file type on the disc and "USB."

#### AUDIO

- DIGITAL AUDIO OUTPUT**—To set correctly according to the connected digital audio equipment ("PCM ONLY," "DOLBY DIGITAL/PCM" or "STREAM/PCM").
- DOWN MIX**—To select the signal suitable to the device connected to the OPTICAL DIGITAL OUTPUT terminals ("DOLBY SURROUND" or "STEREO"). This function is available when "DIGITAL AUDIO OUTPUT" is set to "PCM ONLY."
- D.RANGE COMPRESSION**—To enjoy powerful sound even at a low volume level while playing Dolby Digital software ("AUTO" or "ON").

#### OTHERS

- RESUME**—To activate or deactivate Resume.
- ON SCREEN GUIDE**—To activate or deactivate the on-screen guide.
- DivX REGISTRATION**—To confirm the Registration Code.

Optical Digital Out Signals			
Playback disc/file	DIGITAL AUDIO OUTPUT		
	STREAM/PCM	DOLBY DIGITAL/PCM	PCM ONLY
DVD Video with 48 kHz, 16/20/24 bit Linear PCM	48 kHz, 16 bit Linear PCM*		
DVD Video with 96 kHz, Linear PCM	48 kHz, 16 bit Linear PCM		
DVD Video with Dolby Digital	Dolby Digital bitstream	48 kHz, 16 bit Linear PCM	
DVD Video with DTS	DTS bitstream	48 kHz, 16 bit Linear PCM	
DVD-R/-RW in DVD-VR format with 48 kHz, 16/20/24 bit Linear PCM	48 kHz, 16 bit Linear PCM*		
DVD-R/-RW in DVD-VR format with Dolby Digital	Dolby Digital bitstream	48 kHz, 16 bit Linear PCM	
SVCD/VCD/CD	44.1 kHz, 16 bit Linear PCM/48 kHz, 16 bit Linear PCM		
CD with DTS	DTS bitstream	44.1 kHz, 16 bit Linear PCM	
MP3/WMA/WAV/MPEG-1/MPEG-2/ASF	32/44.1/48 kHz, 16 bit Linear PCM		
DivX with MP2, MP3	32/44.1/48 kHz, 16 bit Linear PCM		
DivX with Dolby Digital	Dolby Digital bitstream	32/44.1/48 kHz, 16 bit Linear PCM	

\* While playing some DVDs, digital signals may be emitted at 20 bits or 24 bits (at their original bit rate) through the OPTICAL DIGITAL OUTPUT terminal if the discs are not copy-protected.

## Enjoying Karaoke

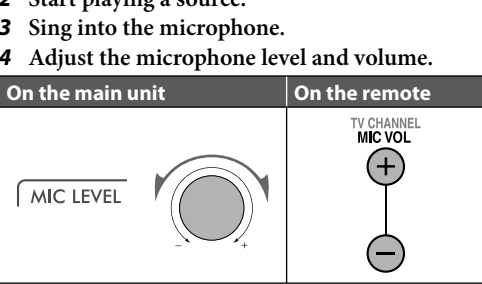
DO NOT keep the microphones connected while they are not in use.

#### IMPORTANT

- Always set MIC LEVEL to "MIN" (0) before disconnecting the microphone.
- MIC LEVEL adjustment is valid for both microphones connected to the MIC 1 and MIC 2 jacks.
- While Mic Mixing is activated, recording and editing are not available.

#### Singing Along (Karaoke)

- Connect the microphone(s) (not supplied) to the MIC 1 and/or MIC 2 jack. Mic Mixing will be automatically activated.
- If a microphone is already connected and Mic Mixing is not activated, press MIC MIX to reactivate Mic Mixing.
- To cancel the Mic Mixing, press MIC MIX.
- Start playing a source.
- Sing into the microphone.
- Adjust the microphone level and volume.



#### Adjusting the Sound Track for Karaoke

While Mic Mixing is activated...

VOCAL MASKING	VOCAL MASK → L CHANNEL OFF ← R CHANNEL
VOCAL MASK	Reduces the vocal from stereo (2-channel) source.
L CHANNEL	Reproduces only the left audio channel.
R CHANNEL	Reproduces only the right audio channel.

To return to normal playback, select "OFF."

#### To restore the vocal temporarily

While Vocal Masking, L CHANNEL or R CHANNEL is activated...



The vocal or stereo effect will be restored temporarily.

To return to Vocal Masking, L CHANNEL or R CHANNEL, press the same button again.

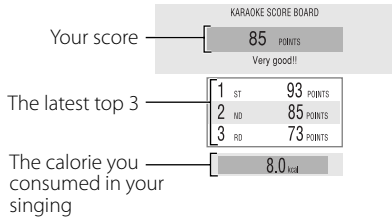
#### Scoring Your Karaoke Skill (for DVD/CD and USB)

- It is recommended to select the sound track as follows: For **Karaoke DVD Video**: Select a sound track with vocal. For **Karaoke SVCD/CD**: Select "ST1" or "ST2."
- After selecting a sound track, select VOCAL MASK, L CHANNEL or R CHANNEL using the VOCAL MASKING button.

- Select "DVD/CD" or "USB" as the source.
- Connect the microphone(s).
- Press KARAOKE SCORING to activate Karaoke Scoring.
  - To cancel Karaoke Scoring before playback, press the same button again. "KSCORE OFF" appears on the display.
- Start playback and sing into the microphone.
  - The K.SCORING indicator flashes during scoring. Scoring starts.
  - When you press ◀◀ or ▶▶, Karaoke Scoring is canceled and the selected track/file restarts.

#### Result of the scoring

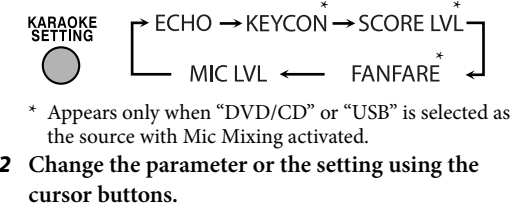
After the song ends, playback stops and the score board appears on the TV screen with fanfare.



- When you press II, scoring is canceled. When playback starts again, scoring starts from that point.
- If you do not sing for about 2 minutes after Karaoke Scoring starts, Karaoke Scoring is canceled.
- To obtain a correct scoring result, it is recommended to sing the song completely. If the singing time is less than 3 minutes, the scoring result may be "0" or incorrect.

#### Changing the Karaoke Setting

- Select the item you want to change.



ECHO—To apply an echo to your voice.

- You can adjust the echo level from ECHO OFF (no effect) to ECHO 6 (strongest).

KEYCON—To adjust the key only while playing.

- This function is not available for ASF and DivX files.
- Key adjustment will be canceled when you deactivate Mic Mixing, or select another track or file, or change the disc.
- You can adjust the key level from +6 to -6.

To return to normal key, select "0."

SCORE LVL—To change the calculation level ("PRO" or "AMATEUR") of Karaoke Scoring.

PRO	Calculation level is strict.
AMATEUR	Calculation level is lenient.

FANFARE—To turn on/off the fanfare.

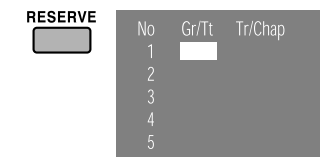
MIC LVL—To change the mic volume.

- The mic volume level can be adjusted in 16 steps from MIN (0) to MAX (15).

#### Reserving Karaoke Songs—Karaoke Program Play (for DVD/CD)

You can determine the playback order. You can program up to 12 steps.

- Select "DVD/CD" as the source.
- Start and stop playback of the disc.
- Connect the microphone(s).
- Activate Karaoke Program Play.



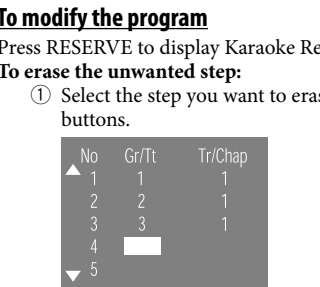
- The PRGM indicator flashes during this mode.
- Select songs you want for Karaoke Program Play. Press the number buttons to select songs in the following order:
    - Select a title/group.
    - Select a chapter/track/file.
  - To cancel the procedure, press RESERVE. The PRGM indicator disappears.
  - Start playback. Karaoke Reserve screen disappears and playback starts in the order you have programmed.
    - For the Karaoke Program Play with Karaoke Scoring: Each time the song ends, playback stops and the score board appears. Press ▶ to start playback of the next track.
  - Sing into the microphone.
  - Adjust the microphone level and volume.

#### To check the programmed contents

- Press RESERVE to display Karaoke Reserve screen.
- You cannot display Karaoke Reserve screen while Karaoke Scoring is in use.

#### To modify the program

- Press RESERVE to display Karaoke Reserve screen.
- To erase the unwanted step:
  - Select the step you want to erase using the cursor buttons.



- Press CANCEL while holding SHIFT.
- To erase the entire program, repeat the procedure.

To add steps in the program:

- Repeat step 5.

## Sound & Picture Adjustments

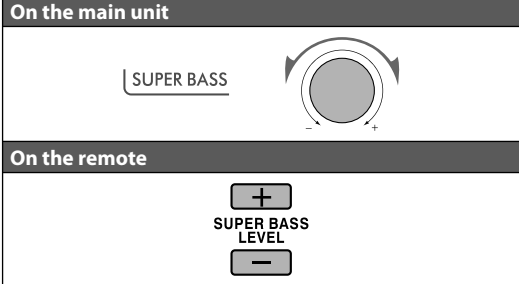
#### Adjusting the Sound

Various Bass Effect—To create a sound suitable for the playback source.

On the main unit	On the remote
VARIO BASS	V.BASS
LITeEASY	Suitable for Karaoke and classical music. You can obtain a comfortable bass sound.
MOVIE	Suitable for a video source and playback of external component. You can obtain a strong bass sound.
TECHNO	Suitable for disco or techno music. You can obtain a strong bouncy bass sound.
TURBO	Suitable for most kinds of music and playback of external component. You can obtain a balanced bass sound.
AUTO	The System automatically applies TURBO, LITeEASY, MOVIE or TECHNO according to the playback source (initial setting).
OFF	No sound effect.

#### Superbass level adjustment

—From level 1 to level 5.



3D PHONIC/HP SURR 3D Phonic (for DVD/CD and USB)—To create 3-dimensional sound field.

ACTION	Suitable for action movies and sports programs.
DRAMA	Creates natural and warm sound. Enjoy movies in a relaxed mood.
THEATER	Enjoy sound effects like in a major theater.
OFF	Canceled.

Headphone Surround (for DVD/CD and USB)—To enjoy a surround effect while listening through headphones.

SURR ON	HP Surround is activated.
SURR OFF	Canceled.

- This does not function for MPEG-1/MPEG-2/ASF/DivX files.
- If you plug in the headphones while 3D Phonic is in use, Headphone Surround is turned on automatically.
- When 3D Phonic is not in use and Headphone Surround is turned on, unplugging the headphones turns 3D Phonic to "ACTION."

C.VOICE Clear Voice (for DVD/CD and USB)—To make dialogues clear for a center channel signal on multi-channel software, and 2-channel software with 3D Phonic activated.

#### Selecting the Sound Modes

SOUND MODE Sound Mode (for DVD/CD, USB and iPod)—To select one of the preset Sound Modes.

ROCK	Boosts low and high frequency. Good for acoustic music (initial setting).
POP	Good for music with an emphasis on vocal.
CLASSIC	Good for classical music.
DANCE	Increases resonance and bass.
HALL	Adds depth and brilliance to the sound.
STADIUM	Adds clarity and spreads the sound, as in an outdoor stadium.
USER1/2/3	Your individual mode stored in memory. See below.
FLAT	Canceled.

#### To create your own sound modes (User Mode)

- Select one of the preset Sound Modes.
- Press ENTER/SET.
- Press ◀ or ▶ to select BASS (bass) or TRE (treble) to adjust.
- Press ▲ or ▼ to adjust the parameters then press ENTER/SET.
- Press ◀ or ▶ to select one of the user modes (USER1-3) to store your setting into.
- Press ENTER/SET to finish.

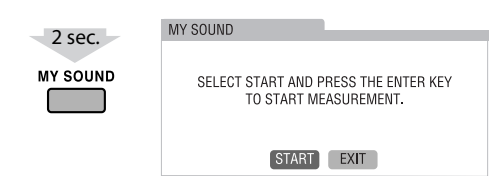
#### Setting My Sound (for DVD/CD and USB)

My Sound creates an appropriate equalization pattern for your listening condition.

- This does not function for DivX files.

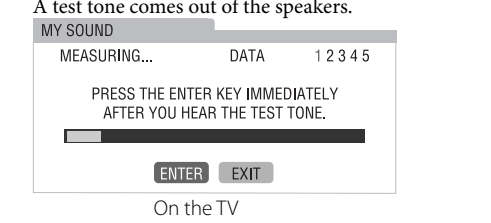
#### To set up My Sound

- Select "DVD/CD" or "USB" as the source.
- Enter My Sound setup to measure your hearing.

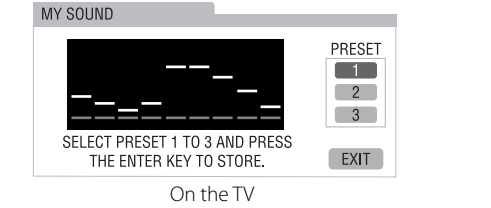


"MY SOUND" and "MEASURE" appear alternately on the display.

- Start the measurement.



- Each time you hear the tone, press ENTER/SET to memorize the measurements. You hear 5 test tones from the speakers. After finishing the measurement, an appropriate equalization pattern is created and it is shown in white on the TV screen.



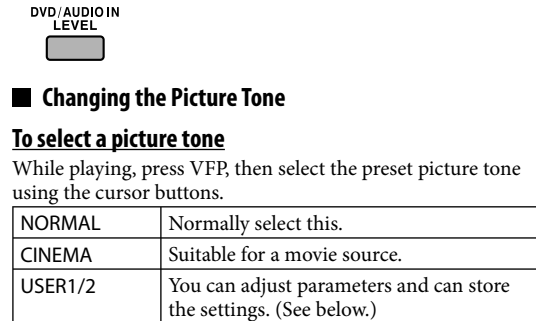
- The last equalization pattern stored into the selected preset number is shown in green.
- To return to the measurement, select "EXIT" on the TV screen, then press ENTER/SET.

- Select a preset number from 1 to 3 to store the equalization pattern using the cursor buttons.
- Press ENTER/SET to store the equalization pattern.
  - To store other equalization patterns, press the button again and repeat steps 3 to 6.

To select the preset My Sound, press MY SOUND repeatedly.

#### Presetting Automatic DVD Sound Increase Level

DVD LEVEL—To select the sound increase level for the currently loaded DVD, if DVD sound is recorded at a lower level than other discs and sources.



#### Changing the Picture Tone

To select a picture tone

NORMAL	Normally select this.
CINEMA	Suitable for a movie source.
USER1/2	You can adjust parameters and can store the settings. (See below.)

#### To adjust the picture tone

GAMMA	Adjust if the neutral color is bright or dark (-3 to +3).
BRIGHTNESS	Adjust if the entire picture is bright or dark (-8 to +8).
CONTRAST	Adjust if the brightness ratio is unnatural (-7 to +7).
SATURATION	Adjust if the picture is whitish or blackish (-7 to +7).
TINT	Adjust if the human skin color is unnatural (-7 to +7).
SHARPNESS	Adjust if the picture is indistinct (-8 to +8).

- Adjust the parameter using the cursor buttons, then press ENTER/SET.
- Repeat steps 2 and 3 to adjust other parameters. To clear the screen, press VFP again.

## Recording & Editing Operations

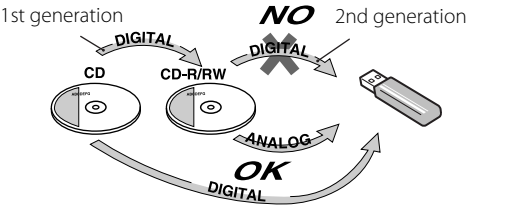
You can record only from CD-DA discs.

#### Before you Start Recording

- Start and stop playback of the USB device.
  - Select a group/track you want to edit.
  - TITLE/DEL
- Start editing.
    - See "How to Enter Titles" below for editing titles.
  - To go back to the previous step, press ■.
  - To quit editing, press CANCEL while holding SHIFT.

#### About SCMS (Serial Copy Management System)

The System uses the Serial Copy Management System which allows only first-generation digital copies to be made of premastered software such as regular CDs. If you try to record from a duplicated CD-R or CD-RW into the USB device, "SCMS ERROR" appears on the display. In this case, record in analog.



#### Recording from a Disc

- Start and stop playback of the disc.
- Enter recording mode.
  - (on the main unit)
- Select a group to record the tracks into using ◀◀▶▶ buttons.
- Press CD▶USB REC (on the main unit) to start recording. When playback ends, recording also stops.

To stop recording manually, press ■.