Chapter 2
Names of Parts and Their Functions

This chapter describes the functions of the buttons and other parts of the Disklavier.

Control Unit — Front Panel

1. [STANDBY / ON] button
   Turns on the Disklavier or puts it in Standby mode. Press once to turn it on, and once again to put it in Standby mode.

   **Note:** In Standby mode, the Control Unit is in effect turned off. However, electrically it is in a state in which a very small quantity of power is being consumed, as the MAINS switch is still on and the Disklavier is still connected to the AC power receptacle.

2. Remote control sensor
   When using the remote control, point it toward this sensor.

3. Display (LCD)
   Shows various information.

4. DRIVE indicator
   Indicates the selected disk.

5. [SELECT] buttons
   Used to select a disk. Toggles the floppy disk, CD, and Memory Disks (0 ~ 9 and A ~ F).

6. CD drive
   Insert a PianoSoft-PlusAudio or other audio or audio/MIDI CD here.

7. CD eject button
   Used to open the CD drive.

8. Floppy disk drive
   Insert a floppy disk here.

9. Floppy disk eject button
   Used to eject the disk from the floppy disk drive.

10. [PLAY/PAUSE] button
    Used to start and pause playback.

11. [STOP] button
    Used to stop playback and recording.
**[REC] button**
Used to engage the Record Standby mode before recording starts.

**[SONG SELECT/REV-FWD] buttons**
In Stop mode: Used to select songs.
In Play mode: Used to fast preview and review.
In Pause mode: Used to fast forward and reverse.

**PART [L] [R] buttons**
For L/R and Ensemble songs, these buttons allow you to choose which part to play back or record: L (left-hand) part, R (right-hand) part, or both.
The indicators light in green during playback and in red during recording.
Press both buttons together to turn pedal playback on or off so that you can play the pedals yourself.

**[ENTER] button**
Used to select and execute functions.

**[VOICE] button**
Used to access the internal XG tone generator when playing the piano.

**[←] [→] cursor buttons**
Used to move the cursor in the display.

**[FUNC.] button**
Used to access various Disklavier utility functions.

**[METRONOME] button**
Used to access the metronome.

**Selector button**
Used to select the feature you want to adjust from among Volume, Tempo, Transpose, and Balance.

**[−/NO] [+/YES] buttons**
Used to select options and parameters and to adjust the volume.

**LED volume level indicators**
Indicates the playback volume level.
Also functions as a visual metronome.

---

**Control Unit — Rear Panel**

1. **CD CONTROL**
   Used to connect the line from the piano.

2. **AUDIO/ANALOG MIDI IN**
   Used to connect audio equipment such as an external CD changer.

3. **TO HOST**
   Used to connect the Disklavier with a personal computer.

4. **HOST SELECT**
   Used to select the host computer connected to the TO HOST connector.
5  **TO CONTROL CABLE FOR PIANO**  
Used to connect the control cable from the piano.

6  **MIDI OUT**  
Used to connect external MIDI equipment for outputting MIDI data.

7  **MIDI IN**  
Used to connect external MIDI equipment for inputting MIDI data.

---

### Silent Control Box

1  **[SILENT] button**  
Used to engage the Silent system.  
The acoustic piano is silenced and sound is output from the digital piano.

2  **SILENT ON indicator**  
Lights when the Silent system is engaged.

3  **VOLUME knob**  
Used to adjust the volume level of the digital piano and internal XG tone generator in the Silent system.

4  **HEADPHONES jacks**  
Connect HPE-170 stereo headphones (optional) or other standard stereo headphones here for listening to playback in Silent mode.  
You can connect up to two sets of headphones.

5  **REVERB knob**  
Used to adjust the amount of reverb for the digital piano tone generator.
6  AUX OUT
Used to connect external audio equipment. These connectors are not coupled with the headphones.

7  AUX IN
Used to connect external audio equipment.

8  Foot Controller Connector
Connect the optional YAMAHA FC-4, FC-5 or FC-7 foot controller here.

### Pedals

The Disklavier’s pedals are named as follows throughout this manual.

<table>
<thead>
<tr>
<th>Left</th>
<th>Center</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shift Pedal</td>
<td>Sostenuto Pedal</td>
<td>Sustain Pedal</td>
</tr>
</tbody>
</table>
**Amplifier, Outlet Box for Speakers, Speakers & Foot Controller**

1. **AC LINE INLET**
   Connect the AC power cable here.

2. **MAINS (ON/OFF) switch**
   Press to switch on/off the Disklavier.

3. **AUX OUT L/L+R, R**
   Used to connect external audio equipment.

4. **AUX IN L/L+R, R**
   Used to connect external audio equipment.

5. **VOLUME knob**
   Used to adjust the volume of the on-board speakers and the sound output from the AUX OUT connectors.

6. **BASS knob**
   Used to adjust the bass sound of the built-in speakers.

7. **TREBLE knob**
   Used to adjust the treble sound of the built-in speakers.

8. **Foot Controller connector**
   Connect the optional YAMAHA FC-4, FC-5 or FC-7 foot controller here.

9. **Amplified speakers**
   Amplified speakers are mounted to the underside of the piano.
1. **OUTLET x 2**
Connect the AC power plug here. Ensure that the total power of the two components (such as speakers) connected to these outlets does not exceed 120W.

2. **AC LINE INLET**
Connect the AC power cable here.

3. **MAIN (ON/OFF) switch**
This switch is used to switch the Disklavier on and off. See page 14 for information on power ON and OFF procedures.

   **Note:** The MAIN switch only needs to be switched off when you are not going to use the Disklavier for a long period of time. For daily use, only the [STANDBY-ON] button on the Control Unit needs to be switched on and off.

4. **PHONE-JACK-TYPE OUTPUT jacks x 2**
These jacks are used to output the sound to external speakers.
Three types of disks are used with the Disklavier: floppy disks, CDs, and internal Memory Disks.

**Floppy Disks**

Besides PianoSoft and PianoSoft.Plus song disks, the Disklavier can play back songs stored on 3.5-inch MS-DOS 720 Kbyte format 2DD floppy disks and MS-DOS 1.44 Mbyte format 2HD floppy disks.

**Handling Floppy Disks**

Be careful of the following when handling floppy disks:

- Do not touch the surface of a disk.
- Do not store or place disks near a television, radio, loudspeaker, or any other device that generates a magnetic field.
- Do not expose disks to extreme temperature or humidity. The working temperature range for disks is between 4°C and 52°C (40°F to 125°F).
- Do not use disks in a dusty, dirty or smoky environment.
- Remove the disk before you turn off the Disklavier.

**Accidental Erasure Protection**

Floppy disks have an erasure protection tab which can be set so that the Disklavier cannot record new data onto the disk. This is useful for protecting valuable song data against accidental erasure and disk formatting. The protection tab is located on the reverse side of the disk in the bottom right-hand corner.
Inserting & Ejecting Floppy Disks

Inserting
Carefully insert the disk into the disk drive shutter first, label side up, as shown. Push it until it clicks into place and the Eject button pops out.

Ejecting
To eject a disk, press the Eject button.

The disk will pop out. Remove the disk and return it to its case.

Note: Do not eject a disk during playback, recording, or when the message “WRITING TO DISK” is shown on the display and the REC indicator is flashing. Doing so can seriously damage the disk drive and the floppy disk.

Compact Discs

You can enjoy listening to PianoSoft-PlusAudio™ —Yamaha’s audio/MIDI CD made especially for use with the Disklavier.

Besides PianoSoft-PlusAudio, the Disklavier can also play back standard audio CDs sold on the market as well as audio/MIDI CDs of other companies.

Note: PianoSoft-PlusAudio may not be available in some countries.

Note: PianoSoft-PlusAudio and other audio/MIDI CDs cannot be used for recording purposes with the Disklavier.

Handling CDs

• Do not touch the surface of a CD.
• Do not expose disks to extreme temperature or humidity. The working temperature range is between 4°C and 52°C (40°F to 125°F).
• Wipe the CD with a clean cloth before playback.
• Remove the CD before you turn off the Disklavier.
Inserting & Removing CDs

Press the CD eject button so that the CD tray pops out about 1 cm. Then, carefully pull it out as far as it will go.

To insert a CD, place the CD on the tray and gently press down on it so that the center of the CD is clamped in place.

To remove the CD, slowly lift the CD.

**Note:** The CD eject button can be used only when the Control Unit is turned on.

![CD tray](image)

**Note:** Always place the CD with the label side facing up.

Then, gently push the tray back in until it clicks into place.

---

Memory Disks

Besides floppy disks and CDs, the Disklavier has 16 Mbytes (1 Mbyte × 16 Memory Disks) of internal flash memory for storing song data. They are numbered from 0 to 9 and A to F. They can be used in the same way that you use floppy disks to store songs.

Memory Disks are ideal for storing many songs, especially when you want to program your Disklavier to automatically play back many songs with the Chain Play or Timer Play features. (See Chapter 2 “Chain Play — Playing Back Memory Disks in a Group” and Chapter 3 “Timer Play” in the Advanced Operation Manual for details.)

*See also Chapter 1 “Storing & Managing Songs on Disks” in the Advanced Operation Manual for more information on using Memory Disks.*
Chapter 4
Turning On/Off Your Disklavier

This chapter describes how to turn on and off your Disklavier and how to set the internal calendar. Turning your Disklavier on/off is a basic and very important procedure. Always be sure to follow the procedure described below when you turn on or off your Disklavier.

Turning On the Disklavier

1. Set the MAINS switch to ON.

2. Press [STANDBY / ON] on the front panel of the Control Unit.

   The following message appears on the display.

   ****** YAMAHA ******
   ** DISKLAVIER Mark III **

   Your Disklavier is now ready for use.

Turning Off the Disklavier

1. Press [STANDBY / ON] on the Control Unit.

2. Set the MAINS switch to OFF.

   Setting the MAINS switch to OFF is effectively the same as disconnecting the power cable from an AC wall outlet. If the Disklavier is used regularly, you only need to use the [STANDBY / ON] button on the Control Unit. If the Disklavier is not going to be used for a long period, set the MAINS switch to OFF.

   When the Disklavier is turned off, wait at least 5 seconds before turning it on again.

   **Note:** The MAINS switch only needs to be switched off when you are not going to use the Disklavier for a long period of time. For daily use, only the [STANDBY / ON] button on the Control Unit needs to be turned on and off.
This chapter describes the basic procedure for recording a song, as well as other general recording functions such as song titling, metronome recording, and changing song tempo.

The procedure below only explains the very basics of song recording.

- For more details on recording songs, see Chapter 6 “Recording L/R Songs” and Chapter 7 “Recording Ensemble Songs”.

**Note:** You cannot record songs to a CD.

### The [REC] Button

The [REC] button functions as a toggle switch so that all recording functions, including quantizing and overdubbing, are available for the recording of all tracks. This allows the recording procedures of L/R tracks, rhythm tracks, and other accompanying tracks to follow the same basic flow.

The button toggles the Record Standby mode, Title Editing mode, Re-recording mode, and Recording Setting mode, as shown below.

- **Record Standby Mode**
  - PIANO001.MID <00:00>→
  - NEW Song Rec 50 99%

- **Title Editing Mode**
  - 
  - →+CHAR
  - ←-CRSR

- **Re-recording Mode**
  - PedalRecord →OFF (-, +)
  - MonitorPiano ←ON (←, →)

- **Record Setting Mode**
  - Quantize ←OFF (←, +)
  - Record Tr ←OVERDUB (←, →)

This display appears when you have the option of playing back a monitor piano part when recording or re-recording a piano part.

The Quantize parameter appears only when recording with a metronome.
Recording a Song

You can record your song onto Memory Disks or a floppy disk.

A very basic description of the song recording procedure is described below.

1 Specify a disk.

Note: If you are recording to a floppy disk, make sure that the disks’s erasure protection tab is set to “unprotected.”

Unformatted disks must be formatted before use with the Disklavier. See “Formatting Disks” on page 17.

2 Press [REC].

The REC indicator lights, the PLAY/PAUSE indicator flashes, and the following display appears.

| PIAN0001.MID  | <00:00> | NEW Song Rec | 50 99% |

If the disk already contains songs, a new song number will be created. For example, if the last song to be recorded was No. 6, the new recording will be song No. 7.

You can title your new song either now or after recording. See “Song Titling and Title Editing” on page 22.

If you want to record a song using the metronome, see “Recording with the Metronome” on page 24.

3 Press [PLAY/PAUSE].

The PLAY/PAUSE indicator stops flashing, and the following display appears.

| PIAN0001.MID  | <00:00> | 50 99% |

The Disklavier is now ready for you to play.

4 Start playing your song and recording will begin.

Recording will start as soon as you touch a key or press a pedal.

5 When you finish playing your song, press [STOP].

The following displays appear.

PLEASE WAIT

WRITING TO DISK

Note: Do not attempt to eject or insert disks while the above messages are displayed.

Your new song is saved to disk.

Remaining Disk Space

If the [REC] button is pressed and the amount of free disk space is less than 10%, the characters “DSK” flash on the display, as shown below. If your next recording is quite long, it may be better to use a new disk. If you run out of disk space while recording, your song data will not be recorded.

| PIAN0001.MID  | <00:00> | 50 DSK |

During recording, the remaining disk space is displayed as a percentage.

| PIAN0005.MID  | <00:00> | 50 97% |

The percentage will decrease as more data is recorded.
Setting the Type of Time Display

Song time is indicated in one of two formats: minutes and seconds or measures and beats. The format used depends on whether or not you use the metronome for recording.

Songs recorded without the metronome will be in minutes and seconds.
Songs recorded with the metronome will be in measures and beats.

Songs recorded in measures and beats can be converted to minutes and seconds. See “Changing the Counter Display” on page 7.

Song Titling and Title Editing

Songs can be titled before or after recording, and the title can be edited at any time.

1 Specify a disk.

2 Press [REC].

The REC indicator lights and the PLAY/PAUSE indicator flashes. The following display appears.

```
PIAN0001.MID <00:00>➔
50 99%
```

If you are titling or editing the title of an existing song, use the [SONG SELECT] buttons to select the song before proceeding. Make sure that the correct song number is selected.

3 Press [REC] again.

The display cursor appears at the position of the first character in the title, as shown below.

```
-- ➔+CHAR ➔CRSR
```

4 Use [◄] and [►] to position the cursor within the title.

```
-- ➔+CHAR ➔CRSR
```

5 Use the keyboard or [−/NO] and [+/YES] buttons to select characters.

To enter characters using the keyboard, see “Keyboard Character Map” on the next page.
Pressing [ENTER] or the sustain (right) pedal moves the cursor to the next character. Only 16 characters can be displayed at a time. To see the rest of the title, use [ ] and [ ]. Disk titles can be up to 64 characters long.

### Keyboard Characters

The following table shows which characters are available.

<table>
<thead>
<tr>
<th>Space</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>O</td>
<td>P</td>
<td>Q</td>
<td>R</td>
<td>S</td>
<td>T</td>
<td>U</td>
<td>V</td>
<td>W</td>
<td>X</td>
<td>Y</td>
<td>Z</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
<td>e</td>
<td>f</td>
<td>g</td>
<td>h</td>
<td>i</td>
<td>j</td>
<td>k</td>
<td>l</td>
<td>m</td>
<td>n</td>
</tr>
<tr>
<td>p</td>
<td>q</td>
<td>r</td>
<td>s</td>
<td>t</td>
<td>u</td>
<td>v</td>
<td>w</td>
<td>x</td>
<td>y</td>
<td>z</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>!</td>
<td>&quot;</td>
<td>#</td>
<td>$</td>
<td>%</td>
<td>&amp;</td>
<td>'</td>
<td>(</td>
<td>)</td>
<td>*</td>
<td>+</td>
<td>,</td>
<td>-</td>
<td>/</td>
</tr>
<tr>
<td>:</td>
<td>;</td>
<td>&lt;</td>
<td>=</td>
<td>&gt;</td>
<td>?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

0 1 2 3 4 5 6 7 8 9

### Keyboard Character Map

The Disklavier keyboard can also be used to enter characters when titling songs and disks.

**Note:** Not all characters that the Disklavier provides are available from the keyboard. Certain punctuation must be input from the Control Unit. See the character table above.
If you are titling a new song, press [PLAY/PAUSE].

Recording begins.
When you finish playing your song, press [STOP].

If you are titling or editing an existing song, press [STOP].

The following display appears.

```
Save to disk? (+,+)  
SAVE *NEW *CANCEL (ENT)
```

The following table gives a description of each of the options.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVE</td>
<td>The song is saved with the new title under the current song number.</td>
</tr>
<tr>
<td>NEW</td>
<td>The song with the new title is saved under a new song number. The song with the original title is kept under the previous song number.</td>
</tr>
<tr>
<td>CANCEL</td>
<td>The song with the modified title is not saved.</td>
</tr>
</tbody>
</table>

Use [◄] and [►] to select an option, then press [ENTER].

---

**Recording with the Metronome**

You can use the metronome to record songs.
Songs recorded with the metronome will be in the measures and beats format.
All metronome parameters are reset when the Disklavier is switched off.

1. Press [METRONOME].

The METRONOME indicator lights and the following display appears.

```
==Metronome== (+,+,+,+)  
Click=ON  j>117 >4/4 →
```

The display continues with the following.

```
==Metronome== (+,+,+,+)  
+Vol=100 PedalCount=OFF
```

The table below shows which metronome parameters can be set.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
<th>Default</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Click</td>
<td>ON/OFF</td>
<td>ON</td>
<td>If set to off, the volume indicators still flash</td>
</tr>
<tr>
<td>Tempo</td>
<td>SMF songs: 30 - 400 bpm, E-SEQ songs: 30 to 280 bpm</td>
<td>117</td>
<td>1 beat = 1 quarter note (crotchet)</td>
</tr>
<tr>
<td>Time</td>
<td>1/4, 2/4, 3/4, 4/4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>50 - 127</td>
<td>100</td>
<td>See “Recording a Pedal Count-In” on page 34.</td>
</tr>
<tr>
<td>Pedal Count</td>
<td>ON/OFF</td>
<td>OFF</td>
<td></td>
</tr>
</tbody>
</table>
Chapter 6
Basic Playback

The Disklavier can play back floppy disks such as PianoSoft and PianoSoft-Plus disks, songs you store in the Memory Disks, and PianoSoft-PlusAudio CDs as well as audio/MIDI CDs of other companies and standard audio CDs.

See Chapter 1 “Storing & Managing Songs on Disks” in the Advanced Operation Manual for information on how to store songs in the Memory Disks.

If you are using the Disklavier for the first time, you can use the enclosed sample floppy disk and PianoSoft-PlusAudio CD, or Memory Disk 0 which contains a short sample song.

Note: A sample PianoSoft-PlusAudio CD is supplied with your Disklavier. However, other PianoSoft-PlusAudio series CDs may not be available in some countries.

Playing Back a Floppy Disk or a Memory Disk

When you play back a song on floppy disks or Memory Disks, the Disklavier plays the piano parts, actually moving the keys up and down as if they were being played by a performer. For songs containing Ensemble parts in addition to piano parts, those parts are played by the internal XG tone generator and output from the built-in speakers.

Playing Back a CD

Yamaha PianoSoft-PlusAudio™ and Other Audio/MIDI CDs

PianoSoft-PlusAudio (and audio/MIDI CDs of other companies) contain data recorded in two channels: Analog MIDI and audio. When you play back a PianoSoft-PlusAudio, the Disklavier plays the piano parts which are recorded on the MIDI channel, and all other instrumental and vocal sounds recorded on the audio channel are output from the built-in speakers. The Disklavier will faithfully reproduce the audio sounds of the CD as a stereo system would, but with the additional feature of a live piano performance.
Standard Audio CDs
Standard CDs contain two audio channels (R and L). Both are output via the built-in speakers as a CD stereo system would.

Note: You can also connect an external CD changer to the AUDIO/ANALOG MIDI IN connector on the control unit (rear panel) and play back multiple audio CDs on the Disklavier.

Specifying a Disk

When you want to play back songs, you need to first specify which disk you want to play back, as the Disklavier has a total of 17 disks (1 floppy disk and 16 Memory Disks).

Press the [SELECT] buttons and specify a disk for playback.

Each press of the [SELECT] button toggles the floppy disk, CD, and Memory Disks (0 to 9 and A to F) in the DRIVE indicator.

Note: When you insert a floppy disk or CD into their respective drives, the letters “Fd” and “Cd” automatically appear on the left side of the display.

Note: “Fd” and “Cd” appear only when a floppy disk or CD is inserted in their respective drives.

For floppy disks, the title of the disk scrolls across the display, then the number and title of the first song appear. Pressing [STOP] will stop the disk title scrolling and display the number and title of the first song.

For CDs, the following displays appear.

Note: “x” indicates Memory Disks that are unformatted or contain no songs.

For Memory Disks, the disk number or letter also flashes in the bottom row of the display.

Note: The disk drive may occasionally produce a sound when the disk begins to spin. This is the normal sound of the disk drive starting to read or write to the disk; it does not indicate that there is anything wrong with the disk or disk drive.
Starting Playback

1 Specify a disk.

2 Press [PLAY/PAUSE].

The PLAY/PAUSE indicator lights and song No.1 starts playing.
The Disklavier plays the piano parts, actually moving the keys up and down, and
the internal XG tone generator plays the instrumental parts.
The time display starts counting up and the velocity meters show the velocity of the
piano part notes currently being played, as shown.

Pausing Playback

1 Press [PLAY/PAUSE].

Playback stops and the PLAY/PAUSE indicator flashes.

2 Press [PLAY/PAUSE] again to continue playback.

Stopping Playback

1 Press [STOP].

Playback stops and the song returns to the beginning.

Pressing [STOP] while in Pause mode cancels Pause mode.
Selecting Songs with the Control Unit

Press [SONG SELECT ▶] to select the next song.
Press [SONG SELECT ◀] to select the previous song.

To select other songs on the disk, press and hold down [SONG SELECT ▶] or [SONG SELECT ◀] until the number of the desired song appears.

If the current song is the first song on the disk, pressing [SONG SELECT ◀] causes the disk title to scroll across the display. To stop the title scrolling, press [STOP].

Selecting Songs with the Remote Control

You can also select songs at any time using the [SONG SELECT] buttons or number pad on the remote control.

Using the [SONG SELECT] Buttons

Press [SONG SELECT ◀] to select the previous song.
Press [SONG SELECT ▶] to select the next song.

Using the Number Pad

To select a song from 1 to 9, press the corresponding number button.

To select song number 5 for example, simply press [5].
To select a song numbered 10 and above, enter the first digit, then within 2 seconds, enter the second digit.

To select song number 12 for example, press [1], then [2].

If a song number higher than that of the last song on the disk is entered, the last song on the disk is selected.

Fast Preview & Review

During playback, Fast Preview and Review allow you to quickly search through a song while listening to the sound. This is useful for locating a desired position within a song.

Note: No sound is produced by the piano when fast-previewing or reviewing PianoSoft-Plus Audio CDs.

1. To preview, press [SONG SELECT ➞].


If a song is reviewed all the way to the beginning, Pause mode is engaged. Pressing [PLAY/PAUSE] starts playback from the beginning.

If a song is previewed all the way to the end, Pause mode is engaged. Pressing [PLAY/PAUSE] starts playback of the next song.
Fast Forward & Reverse

In Pause mode, fast forward and reverse allow you to quickly locate a desired position in a song. Fast Forward and Reverse search faster than preview and review and the piano does not play. Reverse can also be used to return a song to the beginning, ready to play again.

1 To fast forward a song that is currently playing, press [PLAY/PAUSE] to engage Pause mode, then press [SONG SELECT ▶].

Remote Control


If you fast forward a song all the way to the end, Pause mode is engaged. Pressing [PLAY/PAUSE] starts playback of the next song.

If you reverse a song all the way to the beginning, Pause mode is engaged. Pressing [PLAY/PAUSE] starts playback from the beginning.

To reverse a song that is currently playing, press [PLAY/PAUSE] to engage Pause mode, then press [SONG SELECT ◀].

Remote Control

The PLAY/PAUSE indicator flashes quickly and the time display shows the current position.
Adjusting the Volume

You can adjust volume with the Control Unit or with the remote control as described below. Since all piano songs are recorded at the maximum volume level of 0, volume can be decreased down to -10, the softest volume at which the piano can play.

For Ensemble songs, the volume of the piano and internal XG tone generator are adjusted simultaneously, so it is a good idea to first balance the volume of the piano and XG tone generator.


For songs on PianoSoft-PlusAudio, you should first balance the volume of the MIDI piano and Audio parts.

See “Balancing the CD Volume (CD Master Balance)” on page 27.

The LED volume level indicators show volume levels in the manner shown below. For example, when two consecutive indicators are lit, the volume level is between these two levels.

<table>
<thead>
<tr>
<th>Volume</th>
<th>LED</th>
<th>Volume</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>-10</td>
<td>••••••••</td>
<td>-6</td>
<td>••</td>
</tr>
<tr>
<td>-9</td>
<td>••••••••</td>
<td>-7</td>
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</tr>
<tr>
<td>-8</td>
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<td>-8</td>
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<tr>
<td>-7</td>
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<td>-9</td>
<td>••</td>
</tr>
<tr>
<td>-6</td>
<td>••••••••</td>
<td>-10</td>
<td>••</td>
</tr>
</tbody>
</table>

Note: Make sure the VOLUME knob on the Amplifier is set to an appropriately audible level. If the volume knob on the Amplifier is turned fully counterclockwise, no sound may be produced even when you adjust the volume on the Control Unit.

Once you set the volume of the Amplifier, you do not need to adjust it frequently.

The volume level setting is saved when another song is selected, another disk inserted or selected, or when the Disklavier is turned off.

Note: This setting does not affect manual playing.

a On the Control Unit, press the Selector until the VOLUME indicator lights. Then press [-/NO] to decrease or [+/YES] to increase the volume.

b On the remote control, use the [VOLUME] buttons to adjust the volume.

[-] decreases the volume, and [+] increases the volume.
Adjusting the Tone

You can also adjust the tone using the BASS and TREBLE knobs on the Amplifier, if necessary.

BASS knob: Turning it clockwise increases and counterclockwise decreases the bass sound.

TREBLE knob: Turning it clockwise increases and counterclockwise decreases the treble sound.

Turn the knobs until the desired tone is attained.

---

Balancing the Ensemble Volume (TG Master Balance)

When playing back Ensemble songs, it is useful to be able to balance the volume levels of the piano and Ensemble voices. In other words, the volume of the XG tone generator should not be too loud or too quiet compared to the piano played by the Disklavier.

Once you adjust the volume using the Tone Generator Master Balance function, you can use the [VOLUME] buttons on the remote control to conveniently increase or decrease the overall volume in a normal fashion.

These balance settings are stored in the Control Unit, and are saved even when the Disklavier is turned off.

1. Play back an Ensemble song.

2. Press the Selector until the BALANCE indicator lights.

   ![Selector with BALANCE indicator](image)

   The following display appears.

   `== TG Master Balance ==
   100 (-, +)`

3. Use the [−/NO] and [+/YES] buttons to adjust the volume of the internal XG tone generator.

   ![Buttons with [−/NO] and [+/YES]](image)
TG Master balance can adjust the volume from 0 to 127 and OFF. (0: mutes the sound of the internal XG tone generator; OFF: does not link with the internal XG tone generator.) This setting is shown in the display on the right of the bar graph.

Adjust the level so that the Ensemble voices played by the internal XG tone generator are balanced with the volume of the Disklavier piano.

4 Press the Selector until the VOLUME indicator lights.

The volume levels of the piano and Ensemble voices are now balanced. You can use the [VOLUME] buttons on the remote control to increase or decrease the overall volume.

Balancing the CD Volume (CD Master Balance)

Before playing back PianoSoft-PlusAudio and other audio/MIDI CDs, it is a good idea to first balance the volume levels of the MIDI piano and Audio parts.

Once you adjust the volume using the CD Master Balance function, you can use the [VOLUME] buttons on the remote control to conveniently increase or decrease the overall volume in a normal fashion.

These balance settings are stored in the Control Unit, and are saved when the Disklavier is turned off.

1 Play back a CD.

2 Press the Selector until the BALANCE indicator lights.

The TG Master Balance display appears.

3 Press the Selector once more.

The CD Master Balance display appears.

4 Use the [-/NO] and [+./YES] buttons to adjust the volume of the Audio channel.
Press the Selector until the VOLUME indicator lights.

Changing the Tempo

You can speed up or slow down the playback tempo. Slowing down the playback tempo can be useful when practicing a difficult piano part.

These tempo settings remain in effect until recording is started, the disk is ejected, or the Disklavier is turned off.

Note: You cannot change the playback tempo of songs on CDs.

- Tempo changes to songs that you have recorded yourself can be made permanent. See “Changing the Default Song Tempo” on page 26 in the Advanced Operation Manual.

To change the tempo, use one of the following options:

a  On the Control Unit, press the Selector until the TEMPO indicator lights. Then, press [+]/YES to increase or [−]/NO to decrease the tempo.

Playback tempo can be adjusted from −50% to +20% in 1% increments.

b  On the remote control, use the [TEMPO] buttons to adjust the tempo.

[−] decreases the tempo, and [+] increases the tempo. [0] resets the tempo to 00%.

Once the tempo has been changed, the new tempo value is shown continuously on the display.
Transposing a Song

Playback can be transposed up or down by up to two octaves. This is useful, for example, when you want to sing along (karaoke) in a different key from the original recording.

Note: This function cannot be used to transpose songs from external devices connected to the AUX IN connector.

Transposition changes remain in effect until recording is started, the disk is ejected, or the Disklavier is turned off.

To transpose a song, use one of the following options:

a On the Control Unit, press the Selector until the TRANSPOSE indicator lights. Then, press [+/-YES] to increase or [-/NO] to decrease the transposition value.

A display similar to the following appears.

![Display Example]

Playback can be transposed in half-step increments up or down two octaves (−24 to +24).

Note: Be careful when transposing songs on CDs, as increasing or decreasing the transposition value too much may have an adverse effect on the sound quality.

b On the remote control, use the [TRANSPOSE] buttons.

The pitch can be adjusted from −050 to +050 in 1-cent increments (100 cents equals 1 semitone).

Adjusting the Pitch of Audio CDs

You can temporarily adjust the pitch of an audio CD for your listening pleasure.

Pitch adjustments are effective until the CD is ejected or the Disklavier is turned off.

Note: This function cannot be used to adjust the pitch of external audio CDs connected to the AUX IN connector.

1 Either insert an audio CD into the CD drive, or press [SELECT] to select the audio CD already inserted in the CD drive.

![CD Insertion] The title of the first song appears.

2 Press [ ].

![CD Insertion] The following display appears.

![Pitch Adjustment]

With the cursor next to the AudioPitch parameter, use the [-/NO] and [+/-YES] buttons to adjust the pitch.

The pitch can be adjusted from −050 to +050 in 1-cent increments (100 cents equals 1 semitone).