

Chapter 3

Connecting the DSR1

This section describes by category how to set up the DSR1 for use with a *Silent Series*, MIDIPIANO, GranTouch, Disklavier or Clavinova piano.

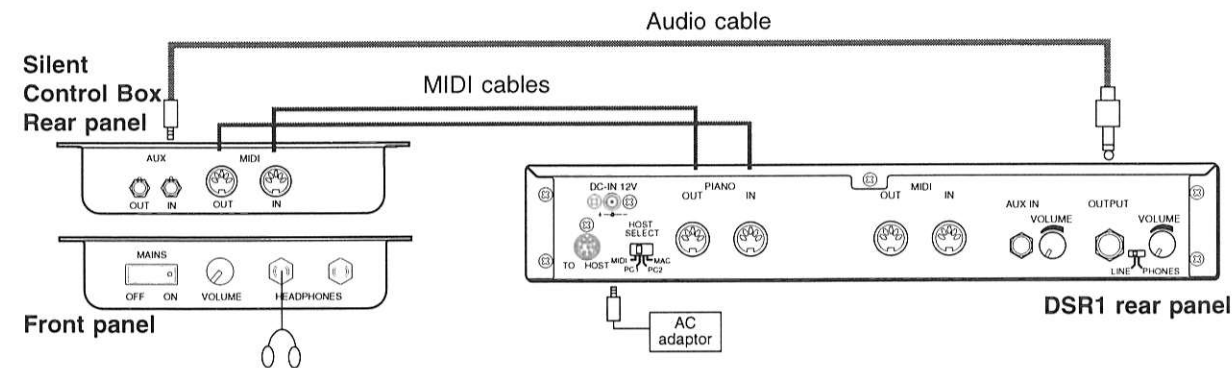
Connecting the DSR1

Connect the DSR1 to your piano according to the description that applies to your piano. If you are unsure about which category your piano belongs to, refer to "Host Pianos" on page 2 or consult your Yamaha piano dealer.

Note: When connecting the DSR1 to your piano, make sure that both the DSR1 and your piano are powered off. Connecting and disconnecting audio cables with the power on is especially dangerous, as a very loud noise is emitted.

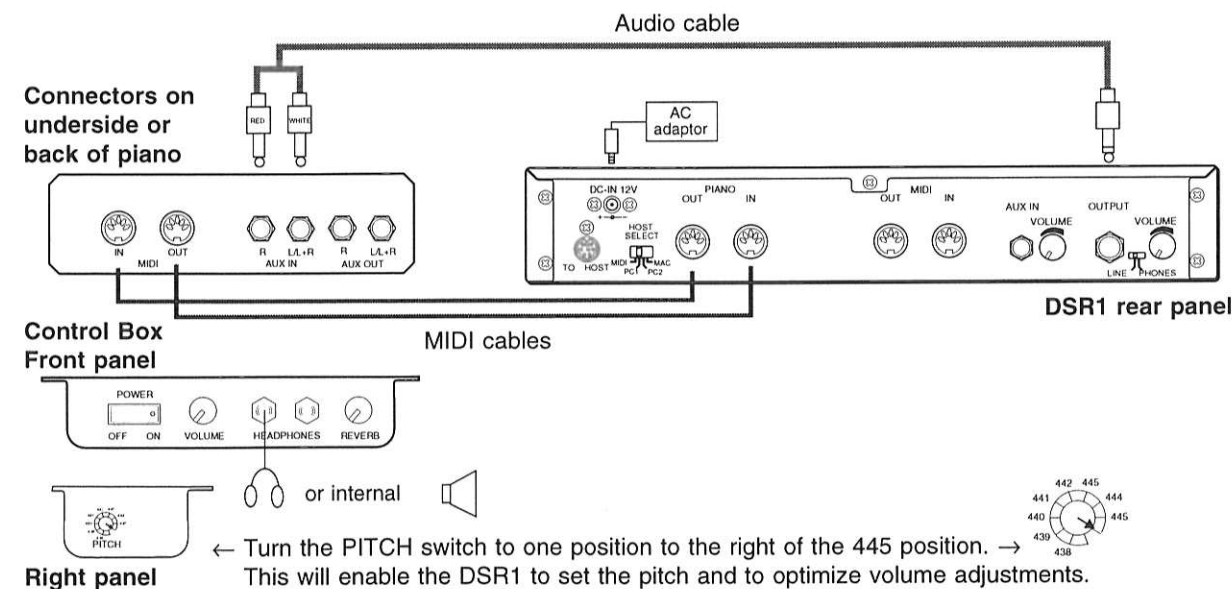
Connecting to a *Silent Series* Piano or MIDIPIANO

Connect the DSR1 to your *Silent Series* piano or MIDIPIANO as shown below.



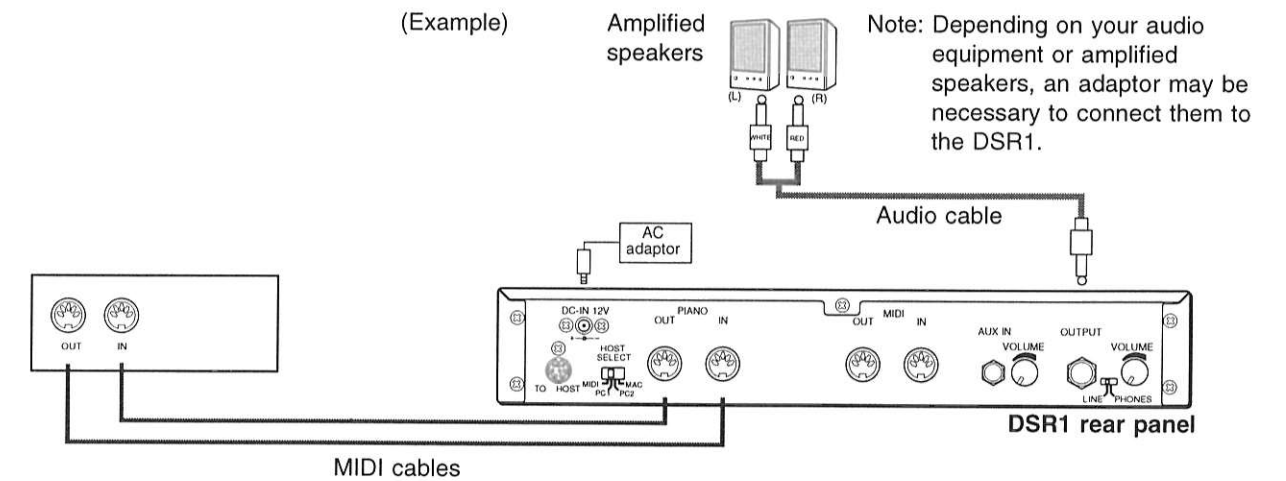
Connecting to a GranTouch Digital Piano or *Silent Series*/MIDIPIANO SN Type Grand Piano

Connect the DSR1 to your GranTouch digital piano or *Silent Series*/MIDIPIANO SN Type Grand Piano as shown below.



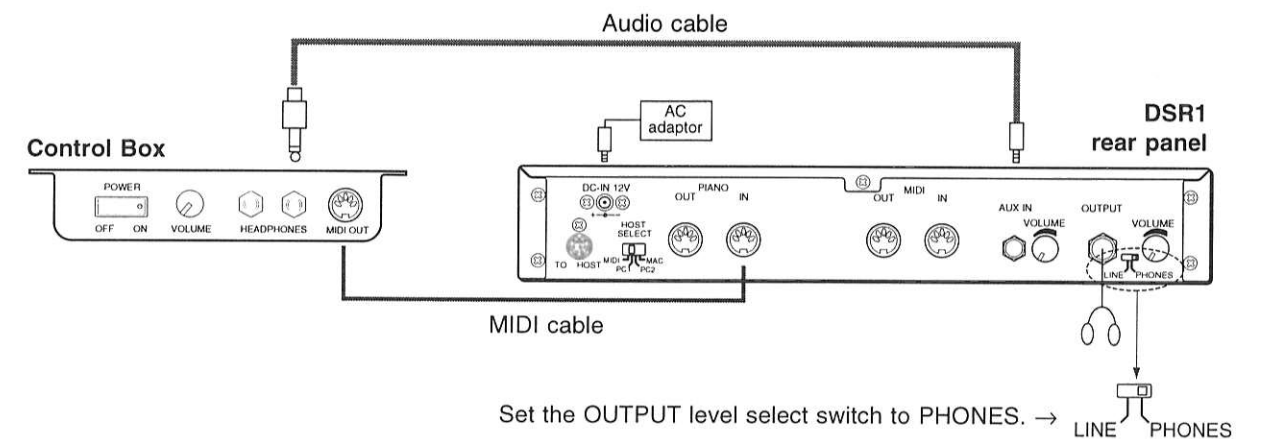
Connecting to a Disklavier Piano

Connect the DSR1 to your Disklavier piano as shown below.



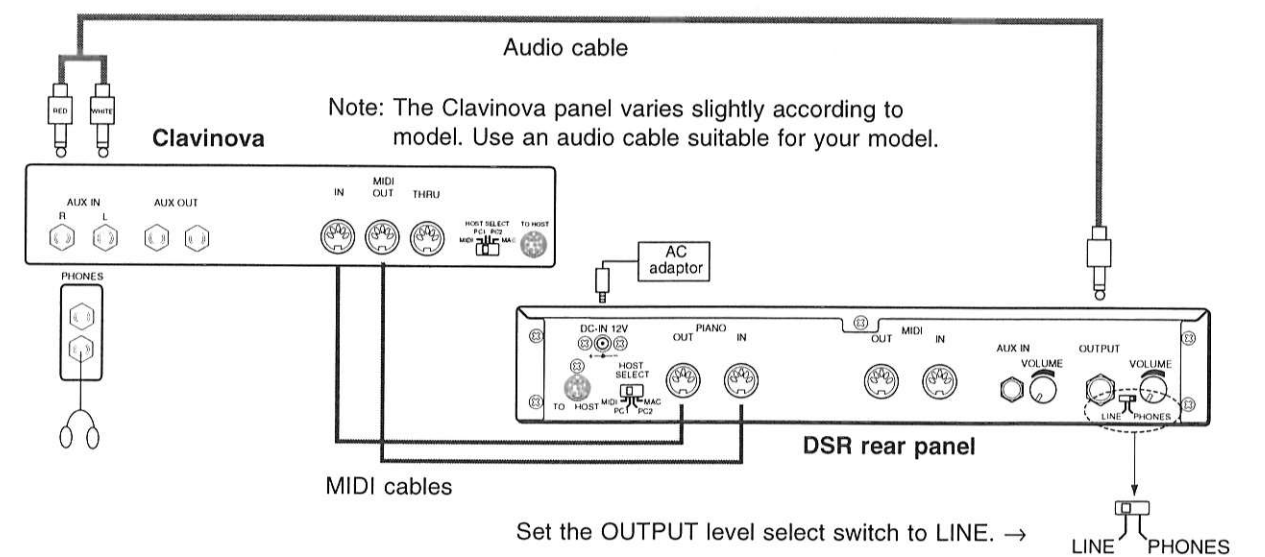
Connecting to a *Silent Series* Piano w/MIDI OUT Connector Only

If your piano is a *Silent Series* piano without a MIDI IN connector (or equivalent), connect the DSR1 as shown below.



Connecting to a Clavinova Digital Piano

Connect the DSR1 to your Clavinova digital piano as shown below.



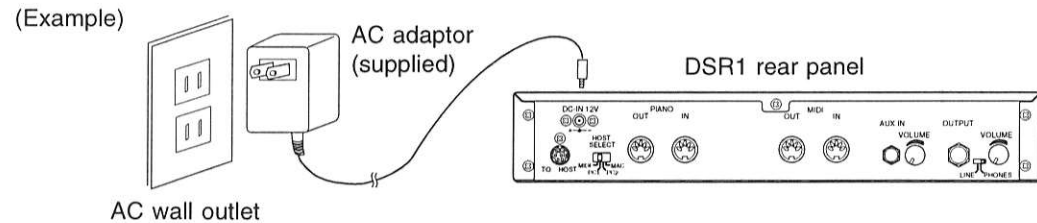
Chapter 4 Preliminary Settings

Connecting to Other Digital Pianos

Connections to other digital pianos is basically the same as those for the GranTouch digital piano. However, use cables appropriate for your piano model.

Connecting the AC Adaptor

The DSR1 must be connected to an AC wall outlet via an AC adaptor (supplied).



Note: Always use the AC adaptor supplied with the DSR1. Using other adaptors may result in damage to the DSR1.

Note: Make sure that the adaptor you have is appropriate for the AC supply voltage in your area. If you are unsure of the voltage in your area, consult your electric utility or a qualified electrician. If you move to an area or country with different voltage, consult your Yamaha piano dealer for details on obtaining an adaptor suitable for the new area.

1 Connect the AC adaptor to the DC IN socket on the rear panel of the DSR1.

2 Plug the adaptor into an AC wall outlet.

Note: As long as the AC adaptor is plugged into an AC wall outlet, the adaptor will consume a small amount of electricity. If you are not going to use the DSR1 for a prolonged period of time or if you want to turn the DSR1 off completely, disconnect the AC adaptor from the AC wall outlet.

Connecting Other Equipment

To connect MIDI instruments to the DSR1, see Chapter 8 “The DSR1 & MIDI” in the *Advanced Operation Manual*.

To connect a computer to the DSR1, see Chapter 9 “The DSR1 & Computers” in the *Advanced Operation Manual*.

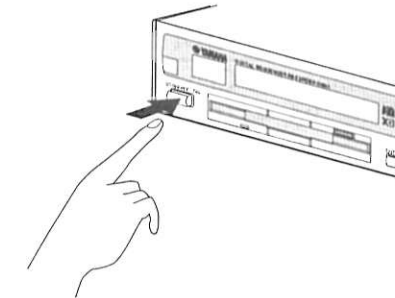
This chapter describes preliminary settings that need to be made before you actually begin using the DSR1 for song playback and recording.

Setting Piano Type

After you have connected the DSR1 to your piano, you must set piano type. Follow the procedure below.

1 Power on your piano.

2 Press the [STANDBY - ON] button on the front panel of the DSR1.



The following message appears on the display.

```
***** YAMAHA *****
***** DSR *****
```

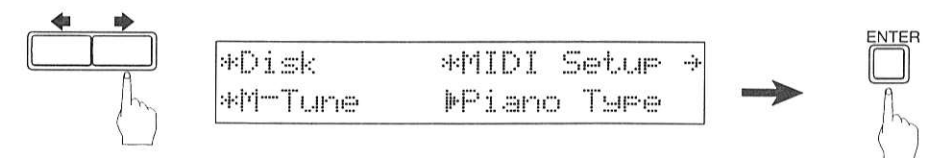
3 Press the [FUNC.] button.



The FUNC. indicator lights and the following display appears.

```
*Disk      *MIDI Setup +
*M-Tune    *Piano Type
```

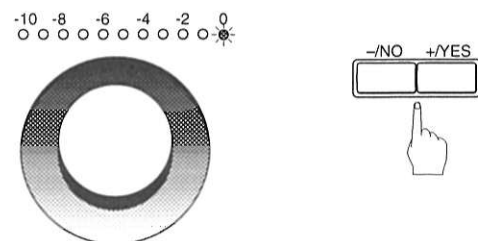
4 Press the [↔] cursor button to position the ▶ at the Piano Type option, then press the [ENTER] button.



The following display appears.

```
==Piano Type== (-,+ ,ENT)
>MP/SGP/GT10
```

5 Use the Dial or the [-/NO] and [+ /YES] buttons to set your piano type.



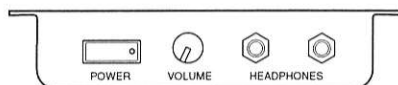
The settings are as follows.

Option	Your Piano (Example)
MP/SGP/GT10	Silent Series Upright piano, Silent Series Grand SG Type piano ^{*1} , MIDIPIANO ^{*2} , GT10
SGP-SN/GT1,GT2	Silent Series Grand SN Type piano ^{*1} , MIDIPIANO ^{*2} , GT1, GT2, GT7, other digital pianos
Disklavier	Disklavier piano, Disklavier Silent piano (MPX100II) (See chart on page 2.)
w/MIDI OUT only	Silent Series w/MIDI OUT connector only
Clavinova1	XG-compatible Clavinova pianos ^{*3 *4} CVP-98, 96, 94, 92, CVP-600 (CVP-79, 69, 59S) (See also chart on page 2.)
Clavinova2	Clavinova pianos other than those above.

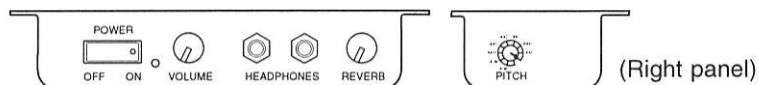
^{*1} The Silent Series Grand SN Type piano refers to the upgrade of the Silent Series Grand SG Type piano. The Control Box differs as shown below.

^{*2} Refer to the Control Box illustration below to determine whether your MIDIPIANO is SG Type or SN Type.

SG Type Piano Control Box



SN Type Piano Control Box



^{*3} CVP-89 can be used with the Clavinova1 setting if its multi-timbre mode is set to GM voice arrangement.

^{*4} CLP-880, 880M, 880P, 860, 860M, 840, 820, 820S, 810S, 811, 611, 511, 411, 311, 555 can be used with the Clavinova1 setting as they have XG voice arrangement.

6 Press the [ENTER] button.



Your piano type is now set. Press any button on the front panel.

7 Press the [STANDBY - ON] button on the DSR1.

8 Power off your piano.

Piano Type setting is stored when the DSR1 is switched off. When the DSR1 is powered off, wait at least 5 seconds before powering it on again.

Note: Do not unplug the AC adaptor or shut off the AC power supply while the LCD is not completely dark after powering off the DSR1. Doing so could seriously damage the internal settings.

Note: <Connecting to a MX100A or MX100B piano>
Normally, when no action is sent to the piano for more than five minutes, the power supply to the drive unit shuts off. In this case, pressing the [STOP] button enables playback.
When connected to the DSR1 properly, the piano's drive units is always powered on, as the DSR1 constantly sends MIDI data (Active Sense Data) to the piano. If the DSR1 is off or is not connected to your piano, or if it was connected to your piano more than five minutes after you powered on your piano, you must press the [STOP] button to enable operations.

MIDI Settings (for Disklavier pianos only)

Before you begin using the DSR1 for playback and recording purposes, you need to make the following MIDI settings according to your Disklavier model.

If you are unsure about which category your piano belongs to, refer to "Host Pianos" on page 2 or consult your Yamaha piano dealer.

MX80, MX95 (and equivalent)

The following settings must be made **each time** you want to record songs or use the Voice function on the DSR1 — that is, when you want to send piano data to the DSR1 via MIDI OUT.

Note: Playback and recording function cannot be used simultaneously. For example, you cannot play back a song with the DSR1 and at the same time play the piano with an Ensemble voice.

1 Insert the 2DD disk formatted for the Disklavier into the disk drive on your piano.

See Chapter 6 "Using Floppy Disks" for details on handling floppy disks.

2a <Recording/Using Voice mode> Press the [RECORD] button on your piano to put the piano in record standby mode.

2b <Playback>
Press the [STOP] button.

Note: Step 2 must be performed each time you use the DSR1 with your piano.

Proceed to "Setting Volume Levels" on page 19.

MX100A, MX100B (and equivalent)

Your piano must be in KBD OUT mode when you want to record songs on the DSR1. Make the settings as described below.

Since KBD OUT mode is cancelled when you power off your piano, the following settings must be made **each time** you use the DSR1 with your piano.

1 Insert the 2DD disk formatted for the Disklavier into the disk drive on your piano.

See Chapter 6 "Using Floppy Disks" for details on handling floppy disks.

2 Press the [MIDI] button on your piano.

3 Press the [REC.] button on your piano.

The KBD OUT mode is engaged.

Note: Steps 1 to 3 must be performed each time you use the DSR1 with your piano.

Proceed to "Setting Volume Levels" on page 19.

Earlier Disklavier Grand Pianos (w/wagon type controller) (and equivalent)

1 Make the following settings on your piano.

Refer to your piano's owner's manual for details.

Parameter	Setting
MIDI OUT	KDB OUT
MIDI OUT CH	HP
MIDI OUT TRNS	00
MIDI OUT SPL	00
MIDI IN CH	HP
MIDI IN	DELAY IN

These settings are remembered when your piano is powered off.

Proceed to "Setting Volume Levels" on page 19.

Mark II Series and MPX100II

1 Make the following settings on your piano.

Refer to your piano's owner's manual for details.

Parameter	Setting
MIDI IN CH	HP
MIDI IN	DELAY IN
MIDI OUT	KBD OUT
OUT CH	HP
TRANS	00
SPLIT	OFF

These settings are remembered when your piano is powered off.

Proceed to "Setting Volume Levels" on page 19.

Setting Volume Levels

After you have made the necessary MIDI settings, you should set the levels of the volume Dial on the front panel, the OUTPUT volume adjuster and the AUX IN volume adjuster (for w/MIDI OUT only pianos) on the rear panel of the DSR1, and the volume control on your piano according to your piano type.

Initially the volume Dial should be at -5 and the volume adjuster at minimum as the initial setting.

Once you set the preliminary volume settings, volume adjustments are made using the Dial on the DSR1 and the volume control on the Control Box. See "Adjusting the Volume" on page 34.

Silent Series Pianos, MIDIPIANOs, GranTouch Pianos, MPX100II

1 Put your piano in *Silent* mode.

2 Connect headphones to your piano.

3 Set the volume control on the Control Box to the position you normally use.

The 3 o'clock position is recommended.
This will control the volume of piano parts.

4 Make sure that the OUTPUT level select switch is set to LINE.

5 Insert the sample PianoSoft-Plus disk (supplied) into the disk drive of the DSR1, select an Ensemble song, then press the [PLAY/PAUSE] button to start song playback.

→ "Selecting Songs in the Front Panel" on page 31.

- 6** Set the **OUTPUT VOLUME** adjuster on the rear panel of the DSR1 to the same position as the volume control on the Control Box.

This will control the volume of Ensemble parts.

- 7** Make sure the **VOLUME** indicator is lit, then use the Dial on the front panel of the DSR1 to adjust the overall volume.

If the **VOLUME** indicator is not lit, press the Selector button until it lights.

- 8** Press the **[STOP]** button to stop song playback.

→ To further adjust the volume level of the Ensemble parts to balance with the volume level of the piano parts, use the TG Master Balance function. (See “Balancing the Ensemble Volume (TG Master Balance)” on page 35.

Disklavier Pianos (excluding MPX100II)

- 1** Set the volume of your sound system to a level you normally use.

- 2** Set your piano’s volume to 0 (standard volume level).

- 3** Make sure that the **OUTPUT** level select switch is set to **LINE**.

- 4** Insert the sample PianoSoft-Plus disk (supplied) into the disk drive of the DSR1, select an Ensemble song, then press the **[PLAY/PAUSE]** button to start song playback.

→ “Selecting Songs in the Front Panel” on page 31.

- 5** Set the **OUTPUT VOLUME** adjuster on the rear panel of the DSR1 to the 3 o’clock position.

This will control the volume of Ensemble parts.

- 6** Make sure the **VOLUME** indicator is lit, then use the Dial on the front panel of the DSR1 to adjust the overall volume.

If the **VOLUME** indicator is not lit, press the Selector button until it lights.

- 7** Press the **[STOP]** button to stop song playback.

→ To further adjust the volume level of the Ensemble parts to balance with the volume level of the piano parts, use the TG Master Balance function. (See “Balancing the Ensemble Volume (TG Master Balance)” on page 35.

Silent Series Pianos w/MIDI OUT Only

- 1** Set the volume control on the Control Box of your piano to the position you normally use.

The 3 o’clock position is recommended.
This will control the volume of piano parts.

- 2** With both the DSR1 and your piano powered off, set the **OUTPUT** level select switch to **PHONES**, then power on the DSR1 and your piano.

- 3** Set the **AUX IN VOLUME** adjuster on the rear panel of the DSR1 to the 3 o’clock position.

- 4** Insert the sample PianoSoft-Plus disk (supplied) into the disk drive of the DSR1, select an Ensemble song, then press the **[PLAY/PAUSE]** button to start song playback.

→ See “Selecting Songs in the Front Panel” on page 31.

- 5** Set the **OUTPUT VOLUME** adjuster on the rear panel of the DSR1 to the same position as the volume control on the Control Box.

This will control the volume of Ensemble parts.

- 6** Make sure the **VOLUME** indicator is lit, then use the Dial on the front panel of the DSR1 to adjust the overall volume.

If the **VOLUME** indicator is not lit, press the Selector button until it lights.

- 7** Press the **[STOP]** button to stop song playback.

Piano parts are played by the XG tone generator.

→ To further adjust the volume level of the Ensemble parts to balance with the volume level of the piano parts, use the TG Master Balance function. (See “Balancing the Ensemble Volume (TG Master Balance)” on page 35.

Clavinova Pianos

- 1** Set the volume control on your Clavinova to the position you normally use.

Level 8 is recommended.
This will control the volume of piano parts.

- 2** Make sure that the **OUTPUT** level select switch on the rear panel of the DSR1 is set to **LINE**.

Chapter 5

Using the Remote Control

3 Insert the sample PianoSoft-Plus disk (supplied) into the disk drive of the DSR1, select an Ensemble song, then press the [PLAY/PAUSE] button to start song playback.

→ See “Selecting Songs in the Front Panel” on page 31.

4 Set the **OUTPUT VOLUME** adjuster on the rear panel of the DSR1 to the same position as the volume control of your Clavinova.

This will control the volume of Ensemble parts.

5 Make sure the **VOLUME** indicator is lit, then use the Dial on the front panel of the DSR1 to adjust the overall volume.

If the VOLUME indicator is not lit, press the Selector button until it lights.

6 Press the [STOP] button to stop song playback.

Piano parts are played by the XG tone generator.

You can use the volume control on your Clavinova to adjust the volume of your Clavinova, but doing so will also affect the volume of piano parts played by the DSR1. In CLP-880, 880M, 880P, 860, 860M, 840, 820, 820S, 810, the volume of Ensemble parts are affected as well.

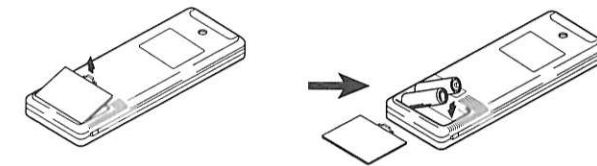
→ To further adjust the volume level of the Ensemble parts to balance with the volume level of the piano parts, use the TG Master Balance function. (See “Balancing the Ensemble Volume (TG Master Balance)” on page 35.)

The DSR1 is supplied with a remote control which allows convenient control from almost anywhere in the room. This chapter provides notes on handling the remote control.

Installing Batteries in the Remote Control

Before the remote control can be used, the two batteries (supplied) must be installed.

Remove the battery cover from the rear of the remote control (shown left), and install the batteries (shown right). Then, replace the cover.



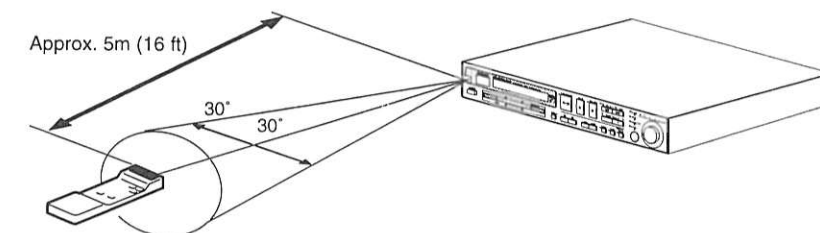
A diagram inside the battery compartment shows which way they should be installed. Make sure that you insert the batteries correctly.

Battery Replacement

- When the remote control fails to work from a distance, replace the batteries.
- Replacement batteries should be UM-3, AA, R6P, or LR6 type.
- Always replace both batteries.
- If the remote control is not to be used for a prolonged period of time, remove the batteries to prevent possible damage by battery leakage.

Using the Remote Control

To use the remote control, point it at the remote control sensor on the front panel, as shown below, and press a button.



<For use with a Disklavier piano>

Sensor Shielding Sticker

If the DSR1 is connected to a Disklavier piano, the DSR1 remote control will also operate the control panel on the piano. In order to prevent this, place the sensor shielding sticker over the remote control sensor on your piano's control panel.

Chapter 6

Using Floppy Disks

DSR1 songs are stored on 3.5 inch MS-DOS 720 Kbyte format 2DD floppy disks and MS-DOS 1.44 Mbyte format 2HD floppy disks. These disks are reasonably durable, but some rules must be applied when using them. See “Handling Floppy Disks” below for details.

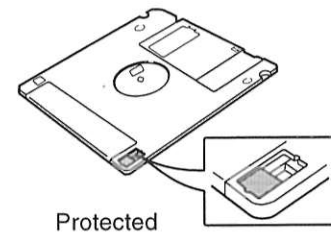
Handling Floppy Disks

- 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 extremes of 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.

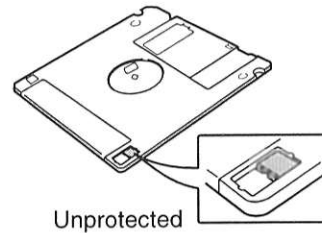
Accidental Erasure Protection

Floppy disks have an erasure protection tab which can be set so that the DSR1 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.

With the tab window open, data is protected.



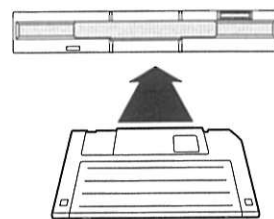
With the tab window closed, data is unprotected.



Inserting & Ejecting Floppy Disks

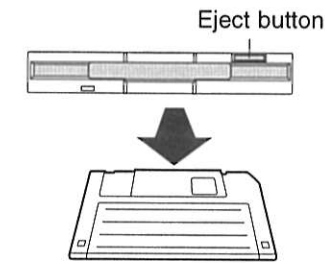
Inserting

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 RECORD indicator is flashing. Doing so could seriously damage the disk drive and the floppy disk.

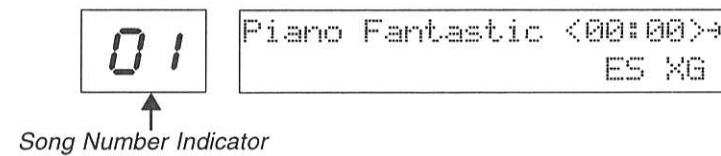
Chapter 7

Song Number Indicator & Display

When operating the DSR1, relevant information is shown in the song number indicator and display. This chapter describes some of the frequently displayed indications.

Song Number Indicator

This 2-digit display indicates the number of the currently selected song. In the example below, song number one is currently selected.



Display

The display is used in conjunction with most of the functions of the DSR1. Here are a few things that you will often see on the display.

Disk Title

When a PianoSoft disk or a floppy disk that you have titled yourself is first inserted into the disk drive, or when the DSR1 is switched on with such a disk already in the disk drive, the disk title scrolls across the display. When the DSR1 is switched on without a floppy disk in the disk drive, the title of the Memory Disk, if titled, scrolls across the display.

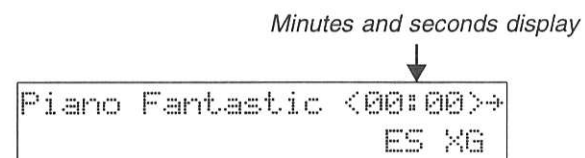
Song Title

When the disk title has finished scrolling, the title of the first song on the disk appears. As different songs are selected, the corresponding song number and song title appear.

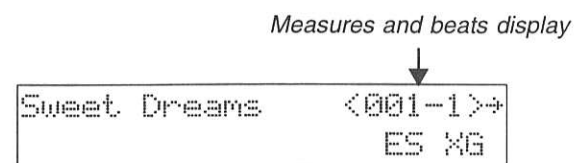
Time Display

Playing time is indicated in one of two formats:

Minutes and seconds, as shown below,



or **Measures and beats**, as shown below.



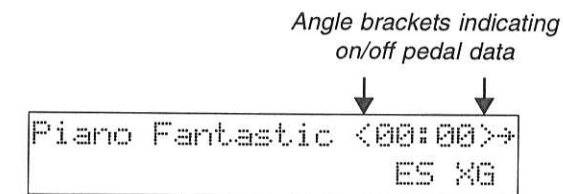
When the time display format is measures and beats, the tempo of the song is also shown on the display in beats per minute (bpm).

All PianoSoft disks use the minutes and seconds format. Songs that you record yourself will use the minutes and seconds format unless you use the metronome for recording, in which case the measures and beats format is used. Songs recorded with the measures and beats format can be converted to the minutes and seconds format. See "Changing the Song Time Display" on page 62 of the *Advanced Operation Manual*.

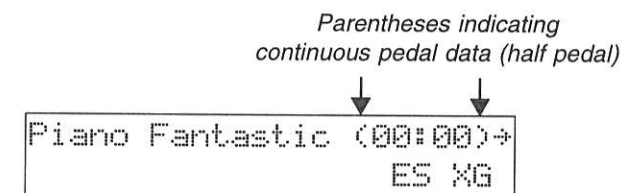
Pedal Data

Songs supplied on PianoSoft disks may contain one of two types of Pedal data: on/off pedal data or continuous pedal data (half pedal).

On/off pedal data turns the pedals on and off. It is indicated by angle brackets (< >) around the time display as shown below.

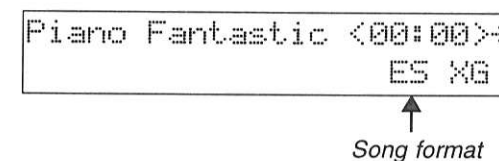


Continuous pedal data (half pedal) can actually position a pedal anywhere within its normal travel (from fully up to fully down). It is indicated by parentheses (()) around the time display as shown below.



Song Format

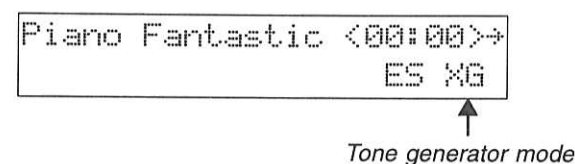
There are a couple of general formats in which song data is stored on disks. The song format of the selected song is indicated on the display as ES, S0 or S1. See Chapter 7 "Song and Disk Formats and Compatibility" in the *Advanced Operation Manual*.



Symbol	Song format
ES	E-SEQ format
S0	SMF format 0
S1	SMF format 1

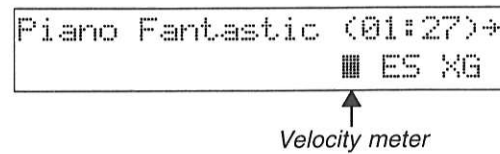
Tone Generator

The tone generator mode used by the selected song is indicated on the display: XG or GM. If the song uses the DSR1's internal XG tone generator, the display will indicate XG. This display is replaced by the tempo display when tempo is being adjusted.

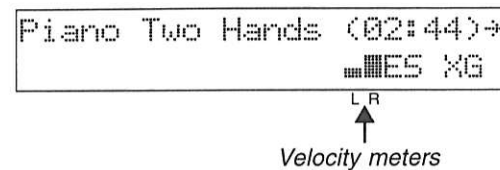


Piano Data Velocity Meters

The velocity of piano part notes as they are played back is indicated on the display, as shown below.



For L/R and Ensemble songs, two meters will appear, one for the left-hand part and one for the right-hand part, as shown below.



Chapter 8 Basic Playback

DSR1 playback functions can be used with all PianoSoft and PianoSoft-Plus disks or custom recordings stored on floppy disks or the Memory Disk.

If you are using the DSR1 for the very first time, you can use the enclosed sample disk. A very short sample song is also stored in the Memory Disk for testing purposes.

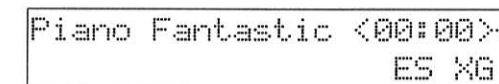
Note: To play back a song stored in the Memory Disk, make sure there is no floppy disk inserted. If a disk is inserted, the DSR1 will play back the songs on the floppy disk. For more information on the Memory Disk, see Chapter 1 "Using the Memory Disk and Floppy Disks for Recording" in the *Advanced Operation Manual*.

Starting Playback

1 Insert your song disk into the disk drive, as necessary.

To play back a song on the Memory Disk, do not insert a song disk. Proceed to step 2.

If the inserted disk is a PianoSoft disk or a titled floppy disk, the disk title scrolls across the display. When the disk title has finished scrolling, the number and title of the first song on the disk appear.



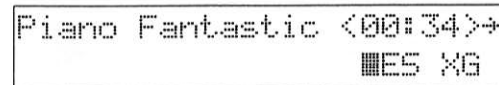
Pressing the [STOP] button will stop the disk title scrolling and the number and title of the first song on the disk will appear instantly.

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.

2 To start playback, press the [PLAY/PAUSE] button.



The PLAY/PAUSE indicator lights and song No.1 starts playing. The time display starts counting up and the velocity meters show the velocity of the piano part notes currently being played, as shown.



With a piano with no MIDI IN connector, piano parts are played by the DSR1 internal XG tone generator instead of the piano's tone generator.

Pausing Playback

- 1 To pause playback, press the [PLAY/PAUSE] button.



Playback stops and the PLAY/PAUSE indicator flashes.

- 2 Press the [PLAY/PAUSE] button again to restart playback.



Stopping Playback

- 1 To stop playback, press the [STOP] button.

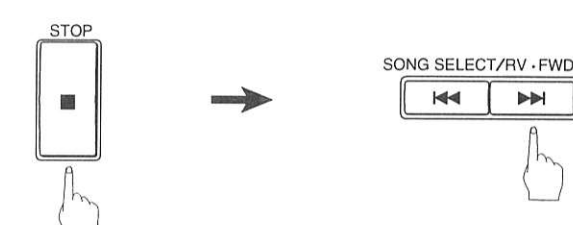


Playback stops and the song returns to the beginning.

Pressing the [STOP] button while in Pause mode cancels Pause mode.

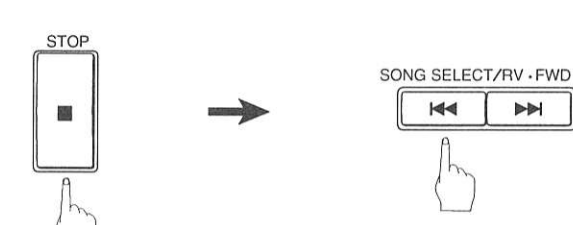
Selecting Songs in the Front Panel

- 1 To select the next song, stop playback, then press the [SONG SELECT >>] button.



To select other songs on the disks, press and hold down the [SONG SELECT >>] button until the number of the desired song appears.

- 2 To select the previous song, stop playback, then press the [SONG SELECT <<] button.



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

Selecting Songs with the Remote Control

Songs can be selected at any time using the remote control's [SONG SELECT] buttons or number pad.

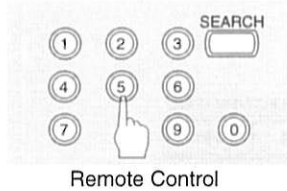
Using the [SONG SELECT] Buttons

- 1 Press the [SONG SELECT <<] button to select the previous song. Press the [SONG SELECT >>] button to select the next song.



Direct Selection Using the Number Pad

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



To select song number 5 for example, simply press button [5].

- 2** 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 button [1], then press button [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

Fast Preview and Review allow you to quickly search through a song **while listening to the song** in Playback mode. This is useful for locating a desired position within a song.

- 1a** To preview, press the [SONG SELECT ►►] button.



- 1b** To review, press the [SONG SELECT ◀◀] button.



- 2** To continue normal playback, press the [PLAY/PAUSE] button.
To engage Pause mode, press the [STOP] button.

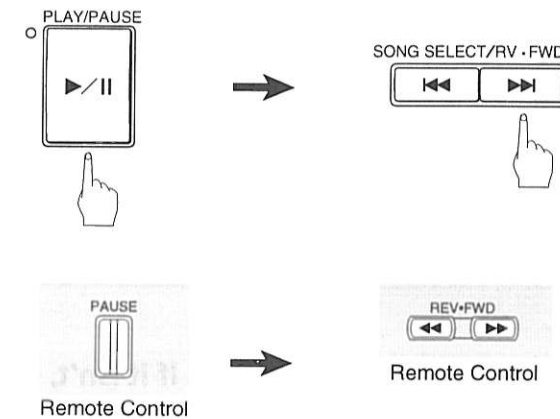
If a song is reviewed all the way back to the beginning, Pause mode is engaged. Pressing [PLAY/PAUSE] starts playback.

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

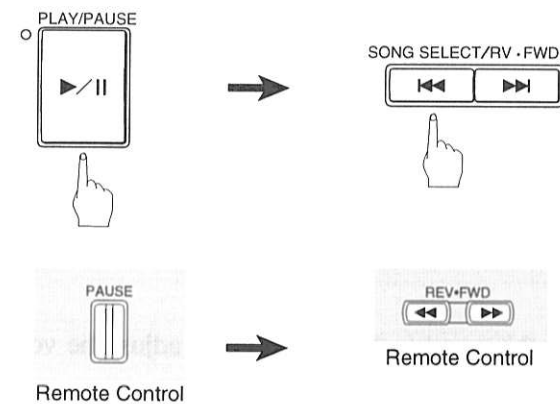
Fast Forward & Reverse

Fast forward and reverse allow you to quickly locate a desired position in a song **without hearing the sound** during Pause mode. Fast Forward and Reverse search faster than preview and review. Reverse can also be used to return a song back to the beginning, ready to play again.

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



- 1b** To reverse the song that is currently playing, press the [PLAY/PAUSE] button to engage Pause mode, then press the [SONG SELECT ◀◀] button.



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

- 2** To continue normal playback, press the [PLAY/PAUSE] button.
To engage Pause mode, press the [STOP] button.

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

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

Adjusting the Volume

The playback volume can be adjusted as desired. All songs are recorded at the maximum volume (level setting of 0), so the volume level can be decreased only down to -10.

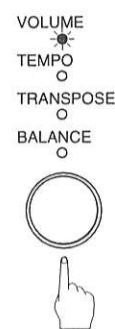
The volume level setting is remembered when another song is selected, another disk inserted, and when the DSR1 is switched off.

On the DSR1

The Dial on the front panel of the DSR1 adjusts the overall volume of a song playback (piano parts and Ensemble parts).

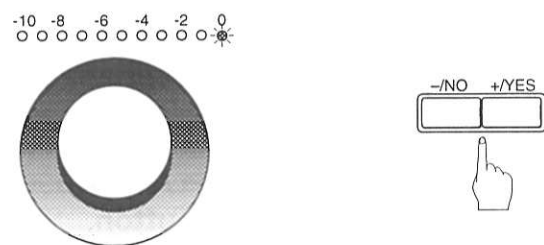
Note: This setting does not affect manual playing. For Ensemble songs, this function controls the piano and internal XG tone generator simultaneously. To adjust the volume of Ensemble parts to match the piano parts, see “Balancing the Ensemble Volume (TG Master Balance)” on page 35.

- 1 Make sure that the **VOLUME** indicator is lit. If it isn't, press the **Selector** button until it lights.



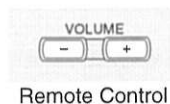
- 2a Turn the **Dial** clockwise to increase the volume, or counterclockwise to decrease it.

You can also use the [-/NO] and [+ /YES] buttons to adjust the volume.



The volume can be adjusted from -10 to 0.
The volume level setting is shown by the LED volume indicators.

- 2b On the remote control, use the **[VOLUME]** buttons to adjust the volume.



The [-] button decreases the volume, and the [+] button increases the volume.

On the Piano

<Silent Series, MIDIPIANOs, GranTouch Pianos>

The volume control on the Control Box adjusts the volume of your playing (in *Silent* mode for *Silent Series* pianos and MIDIPIANOs) and song playback (piano parts).

Note: This also affects the playback volume of Ensemble parts if the DSR1's OUTPUT connector is connected to your piano's AUX IN.

<Disklavier Pianos>

When used in conjunction with the DSR1, volume adjustments are made by the DSR1. Set the volume control on the piano to 0 (standard volume level).

<Clavinova Pianos>

The volume control on your Clavinova adjusts the volume of your playing and song playback (piano parts).

Note: For CLP-880, 880M, 880P, 860, 860M, 840, 820, 820S, 810, the volume control adjusts not only piano parts but Ensemble parts as well.

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 part and Ensemble voices. In other words, the volume of the instrumental voices coming from the internal XG tone generator should not be too loud or too quiet compared to the piano played by your piano.

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

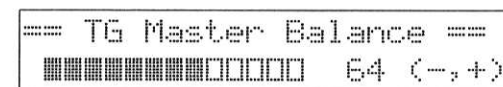
When using the Voice mode, however, the volume of your keyboard performance is set in the Volume parameter in the display, and is not affected by TG Master Balance or by the volume Dial on the front panel.

Balance settings are stored in the DSR1. They are remembered even when the DSR1 is switched off.

- 1 Play an Ensemble song.
- 2 Press the **Selector** button until the **BALANCE** indicator lights.

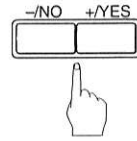


The following display appears.



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

-10 -8 -6 -4 -2 0



The TG Master balance can be adjusted from 10 to 127. 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 piano part.

- 4** Press the Selector button until the VOLUME indicator lights.

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

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 DSR1 is switched off.

→ Tempo changes to songs that you have recorded yourself can be made permanent. See “Changing the Default Song Tempo” on page 12 of the *Advanced Operation Manual*.

- 1** Press the Selector button until the TEMPO indicator lights.

VOLUME
○
TEMPO
●
TRANPOSE
○
BALANCE
○



“00%” flashes on the display.

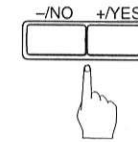
```
Piano Fantastic <001-1>→
SI 00%
```

↑
Flashes

- 2a** Turn the Dial clockwise to increase the tempo, or counterclockwise to decrease it.

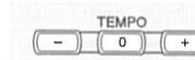
You can also use the [-/NO] and [+ /YES] buttons to adjust the tempo.

-10 -8 -6 -4 -2 0



The playback tempo can be adjusted from -50% to +20% in 1% steps.

- 2b** On the remote control, use the [TEMPO] buttons to adjust the tempo.



Remote Control

The [-] button decreases the tempo, and the [+] button increases the tempo. The [0] button resets the tempo to 00%.

Once the tempo has been changed, the new tempo value will be shown continuously on the display.

Transposing a Song

Playback can be transposed up or down by up to two octaves. This is useful when a singer or musician prefers a different key to the original recording.

Transposition changes remain in effect until recording is started, the disk is ejected, or the DSR1 is switched off.

- 1** Press the Selector button until the TRANPOSE indicator lights.

VOLUME
○
TEMPO
○
TRANPOSE
●
BALANCE
○



“TRNS 00” flashes on the display.

```
Piano Fantastic <001-1>→
-TRNS 00- SI XG
```

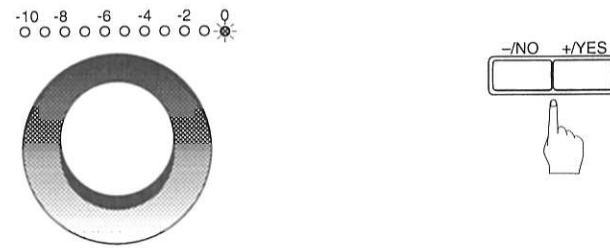
↑
Flashes

Chapter 9

Repeat Playback

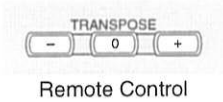
2a Turn the Dial clockwise to increase the transposition value, or counterclockwise to decrease it.

You can also use the [-/NO] and [+ /YES] buttons to adjust the value.



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

2b On the remote control, use the [TRANSPOSE] buttons.



The [-] button decreases the transposition value, and the [+] button increases the transposition value. The [0] button resets the transposition value to 00.

Once transposed, the transposition value is shown continuously on the display.

This chapter describes various repeat playback functions that you may want to use for entertainment and study purposes. You can play songs and specific passages within a song repeatedly.

All Repeat Playback functions are set using the remote control only. (They cannot be set on the front panel.)

All Song, Single Song, Random Repeat

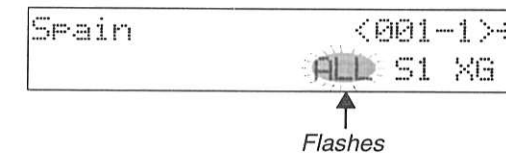
Using the [REPEAT] button on the remote control, you can select the following repeated playback modes.

Option	Description
ALL	All the songs on a disk are played repeatedly.
RPT	The selected song is played repeatedly.
RND	All the songs on a disk are played repeatedly in a random order.

1 To select a Repeat mode, repeatedly press the [REPEAT] button on the remote control until the name of the desired mode appears on the display: ALL, RPT, or RND.



The REPEAT indicator lights and the selected mode flashes on the display.



2 To start Repeat playback, press the [PLAY] button.



3 To cancel Repeat mode, repeatedly press the [REPEAT] button on the remote control until "OFF" appears on the display.

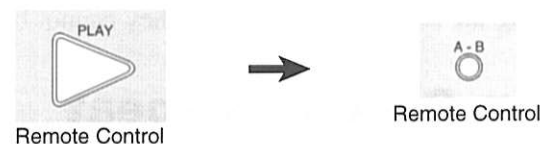


Segment A ~ B Repeat

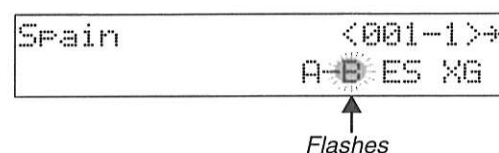
In Segment A ~ B Repeat, playback is repeated between two specified points in a song; point A and point B. This function is useful when practicing or memorizing a difficult section of a song.

Once specified, points A and B are remembered until the disk is ejected or the DSR1 is switched off.

- 1 To set the A point, start playback, then press the [A-B] button when the desired point is reached.



The A point is memorized and the "B" of "A-B" flashes on the display.



- 2 To set the B point, press the [A-B] button again.



The B point is memorized and the "B" of "A-B" stops flashing.

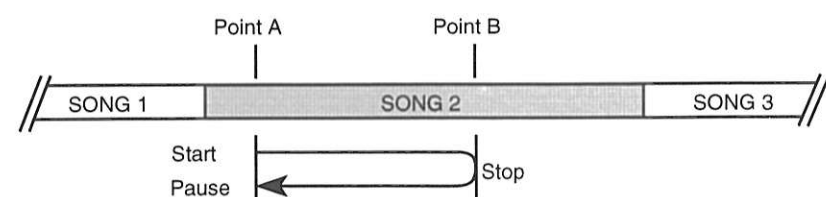


Playback stops, the song returns to point A, and Pause mode is engaged.

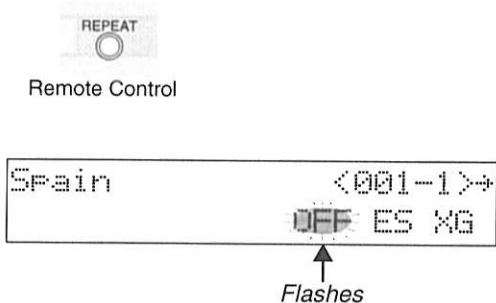
- 3 To play back the specified section, press the [PLAY] button.



Playback starts from point A, continues up to point B and then stops. The song returns to point A and Pause mode is engaged.



- 4 To cancel Segment A ~ B Repeat, press the [REPEAT] button so that "OFF" flashes on the display.



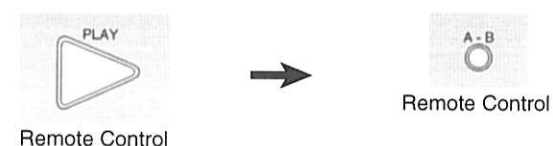
Segment A ~ B Repeat is turned off, but points A and B are still remembered. Pressing the [A-B] button re-enables the mode.



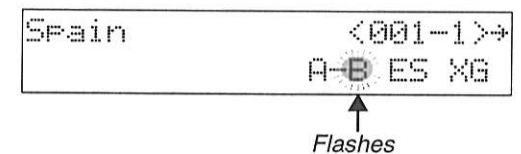
Segment A ~ (Return & Pause) Repeat

In Segment A ~ Repeat, playback can be repeatedly restarted from a specified point in a song. This is similar to Segment A ~ B Repeat except that only point A is specified. Like Segment A ~ B Repeat, this function is useful for practicing.

- 1 To set the A point, start playback, then press the [A-B] button when the desired point is reached.



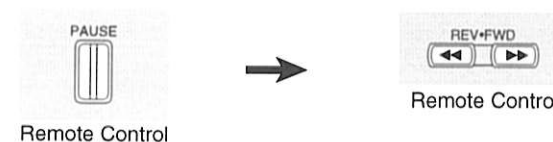
The A point is memorized and the "B" of "A-B" flashes on the display.



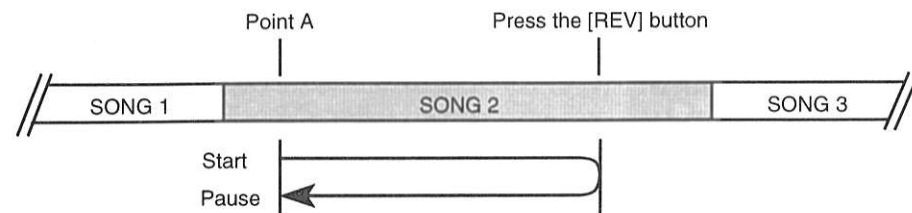
- 2 When you want to return to point A, press the [REV-FWD] button.



Alternatively, press the [PAUSE] button followed by the [REV-FWD] button to reverse to point A.



Playback stops, the song returns to point A, and Pause mode is engaged.

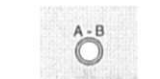


3 To start playback from point A, press the [PLAY] button.

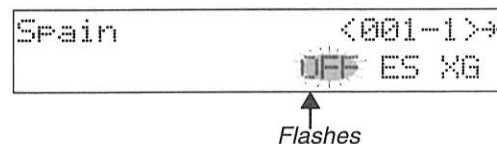


Remote Control

4 To cancel Segment A ~ Repeat, return to point A, and in Pause mode press the [A-B] button so that "OFF" flashes on the display.



Remote Control



Note: Segment A ~ Repeat cannot be canceled during playback.

Starting Playback from a Specified Point (Search)

Playback can be started from a specified point in a song. Instead of using fast forward or preview, you can use this function to go directly to a desired point within a song.

If the current song uses the minutes and seconds time format, you specify the point in minutes and seconds. If it uses the measures and beats time format, you specify the point in measures and beats.

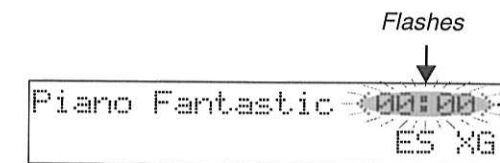
Once a time value has been entered, it is remembered until the disk is ejected or the DSR1 is switched off. So if you want to search for the same point again, just press the search button again.

1 Press the [SEARCH] button.



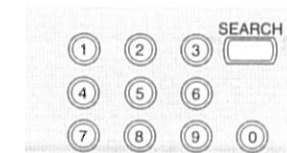
Remote Control

The time counter on the display flashes.

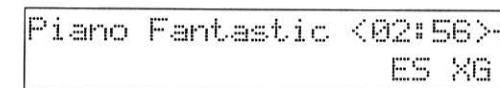


2 Enter the time that you want to search for.

For example, to search for 2:56, first press button [2], then button [5], then button [6].



Remote Control



If the time value is less than 10, that is, between 00:01 and 09:59, remember to press the [0] button first to set the first digit to zero.

If you enter a value higher than the entire song time, the search goes to the end of the song.

3 Press the [SEARCH] button again to begin the search.



Remote Control

If a song was playing when you pressed the [SEARCH] button, playback will continue from the new point when the search is complete. If no song was playing, Pause mode is engaged when the search is complete.

To search for a new point, repeat step 2.