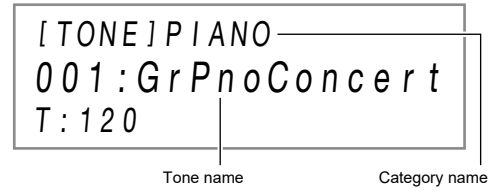


Selecting a Tone

Your Digital Piano comes with a large collection of tones. You can play with a single tone or with two tones simultaneously (Layer). You can also assign separate tones to the high-range (right side) and low range (left side) keyboards (Split).

■ To select a tone

1. Use the **[F5]** button to cycle through settings until the “**√TONE**” indicator to the right of the button is lit.
The currently selected tone category name and tone name will be shown on the display.

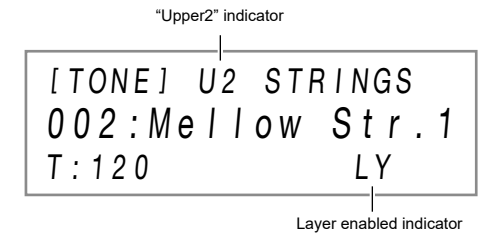


2. Use **TONE** category buttons **[F6]** through **[F11]** to select a tone category.
3. Use the **[F10]** – and **[F11]** + buttons to select a tone.

■ To layer two tones



1. Use the procedure under “To select a tone” to select the first tone (Upper1 tone).
2. Use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit.
3. Touch **[F12]** **LAYER** to enable the layer function, which is indicated by “**LY**” on the display.
4. Use the **[F5]** button to cycle through settings until the “**√TONE**” indicator to the right of the button is lit. Next, perform the operation under “To select a tone” to select the Upper2 tone.



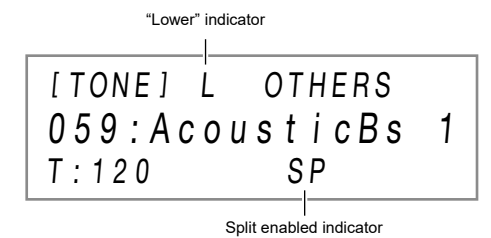
NOTE

- To unlayer the keyboard, use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit. Next, touch **[F12]** **LAYER** so the “**LY**” indicator disappears from the display.

■ To split the keyboard between two different tones



1. Use the procedure under “To select a tone” to select the first tone (Upper1 tone).
2. Use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit.
3. Touch **[F12]** **SPLIT** to enable the split function, which is indicated by “**SP**” on the display.
4. Use the **[F5]** button to cycle through settings until the “**√TONE**” indicator to the right of the button is lit. Next, perform the operation under “To select a tone” to select the Lower tone.



NOTE

- To use split and layer at the same time, perform the procedure above and then continue with steps 2 through 4 under “To layer two tones”.
- To unsplit the keyboard, use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit. Next, touch **[F12]** **SPLIT** so the “**SP**” indicator disappears from the display.

Listening to Demo Play

1. Hold down the **[F5]** button until “**DEMO**”, under the **[F8]** **DEMO** button starts to flash.
2. Touch **[F8]** **DEMO**.
This causes the **[F8]** **DEMO** button light and “**DEMO**” indicator to turn off, which indicates demo play standby. At this time, the display will show “1: Demo Song”.
3. To start demo play, touch **[F3]** ▶ **[F1]** or **[F12]** **ENTER**.
After this, you can pause and resume demo play by touching **[F3]** ▶ **[F1]** or **[F12]** **ENTER**.
4. To exit demo play standby, touch **[F5]** **EXIT**.

Changing Keyboard Response to Touch Pressure (Touch Response)

Touch Response alters tone volume in accordance with keyboard pressure (speed). This provides you some of the same expressivity you get on an acoustic piano.

■ To change touch response sensitivity

1. Hold down the **[F5]** button until “[**FUNCTION**]” appears on the display.



2. Use the **[F10]** < and **[F11]** > buttons to display “**KEYBOARD**” and then touch **[F12]** **ENTER**.
3. Use the **[F10]** < and **[F11]** > buttons to display “Touch Response” and then touch **[F12]** **ENTER**.



4. Use the **[F10]** – and **[F11]** + buttons, or **[F12]** Knob (**K1**) to change the setting.

This setting (displayed):	Does this:
Disabled (Off)	Disables Touch Response. Sound volume is fixed, regardless of key press speed.
Light (Light2)	Makes production of a louder sound easier, so touch feels lighter than “Normal”.
Normal (Normal)	Specifies normal sensitivity.
Heavy (Heavy1)	Makes production of a louder sound more difficult, so touch feels heavier than “Normal”.
Heavy (Heavy2)	

5. When the setting you want is selected, hold down **[F5]** **EXIT** until “[**FUNCTION**]” disappears from the display.

Changing the Pitch in Semitone Steps (Transpose)

Transpose lets you raise or lower the overall pitch of the Digital Piano in semitone steps. You can use this feature to raise or lower the keyboard key and to play a piece in a key that is more comfortable for you, or to adjust to a key that better matches a vocalist, etc.

■ To change the transpose setting

1. Use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit.
2. Touch **[F17]** **TRANSPOSE**.
The currently selected transpose setting value will be shown on the display.



3. Use the **[F10]** – and **[F11]** + buttons to change the setting.
 - You can change the pitch of the keyboard within the range of –12 to +12 semitones.

Using the Sound Mode Effects (Hall Simulator/Reverb and Surround)

You can use **[F8]** **SOUND MODE** to enable and disable the effects described below.

● Hall Simulator/Reverb

Hall Simulator and Reverb are both effects that change the reverberation of the sound.

Hall Simulator: The hall simulator effect simulates the rich clarity, unconstrained brilliance, and other distinctive acoustic characteristics of world-famous concert halls and structures.

Reverb: Reverb simulates ambient spaces, such as a room or hall.

● Surround

The Surround effect creates acoustics that make the sound from the speakers seem like it is coming from multiple directions (virtual surround). This effect is great when outputting audio from an external source through the Digital Piano's speakers.

NOTE

- The Surround effect is not applied to the output from the Digital Piano's **[F12]** **PHONES** jacks or **[F8]** **LINE OUT R, L/MONO** jacks.

■ To enable or disable the Hall Simulator/Reverb and Surround effects

1. Touch **[F8]** **SOUND MODE**.
 - Each touch will cycle between the settings, and the current setting is indicated by the LED lights as shown below.

SOUND MODE	SOUND MODE	SOUND MODE
==	==	==
Hall Simulator/Reverb enabled Surround disabled (Initial default)	Hall Simulator/Reverb enabled Surround enabled	Hall Simulator/Reverb disabled Surround disabled

■ To specify the Hall Simulator/Reverb type

1. Hold down **[F8]** **SOUND MODE** until “[**SOUND MODE**]” appears on the display, and then release the button.
2. After confirming that “Hall/Rev. Type” is displayed, touch **[F12]** **ENTER**.
3. Use the **[F10]** – and **[F11]** + buttons to select the hall simulator/reverb type.

● Hall Simulator

Type (displayed)	Description
1. N.Y.Club	Manhattan music club
2. Opera Hall	Uniquely shaped Sydney Concert Hall
3. Berlin Hall	Berlin arena type classic concert hall
4. BritishStadium	Large outdoor stadium in the London suburbs

● Reverb

Type (displayed)	Description
5. Room 1	Simulates the reverberation of a room.
6. Room 2	
7. Room 3	
8. Large Room	
9. Hall 1	Simulates the reverberation of a small hall.
10. Hall 2	
11. Hall 3	
12. Stadium	Simulates the reverberation of a stadium.

4. After the setting is the way you want, touch **[F5]** **EXIT** as many times as required until “[**SOUND MODE**]” disappears from the display.

■ To specify the Surround type

1. Hold down **[F8]** **SOUND MODE** until “[**SOUND MODE**]” appears on the display, and then release the button.
2. Use the **[F10]** < and **[F11]** > buttons to display “Surround Type” and then touch **[F12]** **ENTER**.
3. Use the **[F10]** – and **[F11]** + buttons to select the surround type (Type 1 or Type 2).
4. After the setting is the way you want, touch **[F5]** **EXIT** as many times as required until “[**SOUND MODE**]” disappears from the display.

Using the Knobs

The digital piano has two knobs that you can use to change the tone, effect, and another parameter settings in real time.

■ To select the functions (knob sets) assigned to the knobs

1. Use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit.
2. Touch **[F8]** **KNOB**.
The name of the currently selected knob set will be shown on the display.



3. Use the **[F10]** – and **[F11]** + buttons to select a knob set.
 - For information about parameters assigned to **[F12]** Knob (**K1**) and Knob (**K2**) by each knob set, refer to the User's Guide that is available from the CASIO website.

Using the Pitch Bend Wheel

You can use the pitch bend wheel to slide the pitch of notes smoothly upwards and downwards. This capability makes it possible to reproduce saxophone and electric guitar choking effects.

1. While playing a note on the keyboard, rotate the **[F12]** **PITCH BEND** wheel on the left of the keyboard upwards or downwards.
The amount the note bends depends on how much you rotate the pitch bend wheel.
 - Do not touch the wheel as you turn on the keyboard.

Using the Arpeggiator

With the arpeggiator, you can play various arpeggios and other phrases automatically by simply pressing keys on the keyboard. You can select from a number of different arpeggio options, including playing arpeggios from a chord, playing various phrases automatically, and more.

■ To enable the arpeggiator

IMPORTANT

- If “**AH**” appears instead of “**AR**” when you touch the **[F8]** **ARPEG.** button in step 2 of the procedure below, you will need to change the function assigned to the **[F8]** **ARPEG.** button. To do so, perform the following FUNCTION parameter operation: “**ARPEG./A.HARMO.**” → “Type Select” → “Arpeggiator”. For information about FUNCTION parameters, see “Configuring Function Settings (FUNCTION Mode)” (page 4/4).

1. Use the **[F5]** button to cycle through settings until the “**√CTRL**” indicator to the right of the button is lit.
2. To enable the arpeggiator, touch **[F8]** **ARPEG.** This will cause “**AR**” to appear on the display.



- Playing a chord or single note on the keyboard will play back the currently selected arpeggio.
3. To disable the arpeggiator, touch **[F8]** **ARPEG.** This will cause “**AR**” to disappear from the display.

NOTE

- For information about how to select the arpeggiator type, refer to the User's Guide that is available from the CASIO Website. For details about arpeggiator types, refer to the separate “Built-in Music Data Lists”.

Using Auto Accompaniment

After you select a rhythm type, Auto Accompaniment automatically plays realistic accompaniments to match chords you play.

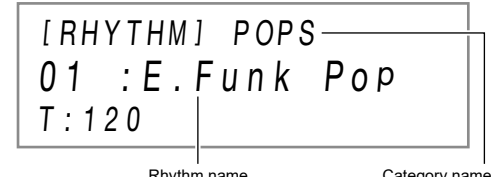
Playing Accompaniment

The Auto Accompaniments of this Digital Piano consist of a “rhythm part” (drums and percussion) and a “chord part” (various musical instruments). When playing an Auto Accompaniment, you can sound the rhythm part only, or you can sound both parts at the same time.

■ To select a rhythm

1. Use the **[F5]** button to cycle through settings until the “**√RHYTHM**” indicator to the right of the button is lit.

The names of the currently selected rhythm category and rhythm will be shown on the display.



2. Use RHYTHM category buttons **[F6]** through **[F11]** to select a RHYTHM category.
3. Use the **[F10]** – and **[F11]** + buttons to select a rhythm.

■ To play the rhythm part only

1. Use the **[F3]** mode selector button to cycle through settings until the “**RHYTHM**” (RHYTHM Mode) indicator is lit.
2. Use the procedure under “To select a rhythm” to select the rhythm you want.
3. Touch **[F3]** **START/STOP**.
This starts rhythm play.
 - The yellow and red LEDs above the **[F3]** **START/STOP** button will flash in time with the rhythm (yellow for beat 1, red for the remaining beats of each measure).
4. Play along with the rhythm.
5. To stop rhythm play, touch **[F3]** **START/STOP** again.

■ To play Auto Accompaniment with chords

1. Use the **[F3]** mode selector button to cycle through settings until the “**ACCOMP**” (ACCOMP Mode) indicator is lit.
2. Start play of the rhythm part.
 - For information about how to select a rhythm and start playing it, see steps 2 and 3 under “To play the rhythm part only”.
3. Use the accompaniment keyboard to play chords.
This will cause bass and harmony Auto Accompaniment parts to be added to the rhythm part.

Example:
Pressing D-F#-A-C on the accompaniment keyboard.
↓
Accompaniment for the D-F#-A-C chord (D7) sounds.
4. Play other chords with left hand as you play the melody with your right hand.
 - You can use “CASIO Chord” or other simplified chord input modes to play chords. See “To select a chord input mode”.
5. To stop Auto Accompaniment, touch **[F3]** **START/STOP**.

■ To adjust the tempo

1. Touch **[F12]** **TEMPO**.
The current tempo value will be shown on the display.
2. Use the **[F10]** – and **[F11]** + buttons to adjust the tempo value.
 - You can specify a tempo value in the range of 20 to 255.
3. To exit the setting screen, touch **[F12]** **TEMPO** or **[F5]** **EXIT**.

■ To select a chord input mode

1. Hold down the **[F5]** button until “[**FUNCTION**]” appears on the display.
This enters the FUNCTION mode.
2. Use the **[F10]** < and **[F11]** > buttons to display “**ACCOMPANIMENT**” and then touch **[F12]** **ENTER**.
3. After confirming that “Chord Mode” is displayed, touch **[F12]** **ENTER**.
4. Use the **[F10]** – and **[F11]** + buttons, or **[F12]** Knob (**K1**) to change the setting.

This setting (displayed):	Selects this chord input mode:
1. CASIO Chord	CASIO CHORD
2. Fingered 1	FINGERED 1
3. Fingered 2	FINGERED 2
4. Fg On Bass	FINGERED ON BASS
5. Fg Assist	FINGERED ASSIST
6. Full Range	FULL RANGE CHORD

- For information about input keyboard fingerings for the chord input mode you are using, refer to the User's Guide that is available from the CASIO Website.

5. To exit the FUNCTION Mode, hold down **[F5]** **EXIT** until “[**FUNCTION**]” disappears from the display.

Metronome Accompaniment Patterns

The accompaniment patterns below produce metronome sounds only, without a bass or chord part. This is true even if you finger a chord.

This rhythm number:	Selects this metronome sound:
BALLAD: 39	Sounds a click for all beats.
BALLAD: 40	Sounds a bell for all beats.
BALLAD: 41 to 48	Two beats to nine beats per measure. The first beat of each measure is a bell sound, while the remaining beats are clicks.

Auto Accompaniment Pattern Variations

Generally, the progress of a musical piece starts with an intro, transitions to verses that are interspersed with interludes and other changes, and then returns to the main theme before reaching an ending. The Digital Piano's Auto Accompaniment function provides a selection of accompaniment patterns that are suited to the progress of a musical composition.

■ Normal and Variation

This is an accompaniment pattern that can be used in the verse or chorus of a piece. A variation repeats anywhere from one measure to multiple measures.

To play this accompaniment pattern:	Do this:
Normal	Touch [F5] NORMAL/FILL-IN .
Variation	Touch [F5] VARIATION/FILL-IN .

■ Fill-in

These accompaniment patterns are used to insert short one- or two-measure fill-ins into a piece. A fill-in pattern starts to play as soon as you touch one of the fill-in buttons (see below). Accompaniment play returns to the original normal or variation pattern from beat one after the one- or two-measure fill-in is complete.

To play this accompaniment pattern:	Do this:
Normal Fill-in	While a normal pattern is playing, touch [F5] NORMAL/FILL-IN .
Variation Fill-in	While a variation pattern is playing, touch [F5] VARIATION/FILL-IN .

■ Intro

This is an accompaniment pattern that can be used at the beginning of a song. Normal accompaniment pattern play will start after the measures of the intro accompaniment pattern is complete.

To play this accompaniment pattern:	Do this:
Intro	Touch [F3] INTRO .

■ Ending

This is an accompaniment pattern that can be used at the end of a piece. After a multiple-measure ending sounds, Auto Accompaniment ends.

To play this accompaniment pattern:	Do this:
Ending	While an Auto Accompaniment is playing, touch [F5] SYNCHRO/ENDING .

Triggering Auto Accompaniment Play with Accompaniment Keyboard Input (Synchro Start)

Use the procedure below to configure the Digital Piano to start Auto Accompaniment play as soon as you press a keyboard key.

■ To trigger Auto Accompaniment play with chord keyboard input

1. While Auto Accompaniment play is stopped, touch **[F7]** **SYNCHRO/ENDING**.
This enters synchro start standby, which is indicated by the LEDs above the **[F3]** **START/STOP** button flashing between yellow and red.
 - To exit synchro start standby at this point, touch **[F7]** **SYNCHRO/ENDING**.
2. Finger a chord on the accompaniment keyboard.
This starts Auto Accompaniment.

Configuring Function Settings (FUNCTION Mode)

The FUNCTION Mode makes it possible to configure function settings using a menu format. There are two types of menu items: directories and parameters.

Directory: A directory is a group of multiple parameters.

Parameter: A parameter is an actual configurable setting. After you select the “Touch Response” parameter, for example, you can change its setting as desired.

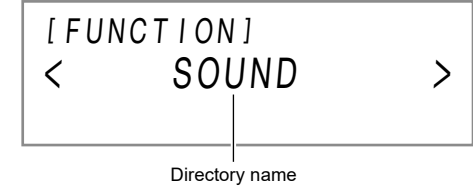
The table below shows a representative example of some menu items provided in the FUNCTION Mode. Items marked “(DIR)” in the table are directories, while all of the other items are parameters.

Parameter Name or Directory Name	Display	Settings
Sound (DIR)	SOUND	—
Acoustic Simulator (DIR)	ACOUSTIC SIMU.	—
String Resonance	String Reso.	Tone, Off, 1 - 4
Damper Resonance	Damper Reso.	Tone, Off, 1 - 4
Damper Noise	Damper Noise	Tone, Off, 1 - 4
Key On Action Noise	Key On Noise	Tone, Off, 1 - 4
Key Off Action Noise	Key Off Noise	Tone, Off, 1 - 4
Effect (DIR)	EFFECT	—
Chorus Type	Chorus Type	Tone, 1 - 12
Brilliance	Brilliance	–3 - +3
Keyboard (DIR)	KEYBOARD	—
Touch Response	Touch Response	Off, Light2, Light1, Normal, Heavy1, Heavy2
Keyboard Volume	Keyboard Volume	0 - 127
Part Volume (DIR)	PART VOLUME	—
Upper1 Part	Upper1 Part	0 - 127
Upper2 Part	Upper2 Part	0 - 127
Lower Part	Lower Part	0 - 127
Part Octave Shift (DIR)	PART OCT SHIFT	—
Upper1 Part	Upper1 Part	–2, –1, 0, +1, +2
:	:	:

For a list of all the directories and parameters included in the FUNCTION Mode, refer to the User’s Guide that is available from the CASIO Website.

To change FUNCTION parameter settings

- Hold down the **VIEW** button until “[FUNCTION]” appears on the display.
This enters the FUNCTION Mode and displays its top menu.
 - The FUNCTION Mode top menu screen shows “[FUNCTION]” in the top line, and the name of the currently selected directory in line 2. Directory names are all-caps.



- Display the name of the parameter whose setting you want to change.
 - For example, to display the “Chorus Type” parameter, you need to navigate through multiple directories in the following sequence: “SOUND” (directory) → “EFFECT” (directory) → “Chorus Type” (parameter). Perform the procedure below.
 - (1) Use the **LEFT** < and **RIGHT** > buttons to display “SOUND” and then touch **ENTER**.
 - This enters the “SOUND” directory.
 - (2) Use the **LEFT** < and **RIGHT** > buttons to display “EFFECT” and then touch **ENTER**.
 - This enters the “EFFECT” directory.
 - (3) Use the **LEFT** < and **RIGHT** > buttons to display “Chorus Type”.
 - To exit the current directory and return to the level above it, touch **EXIT**.
- After displaying the parameter name, touch **ENTER**.
This displays the parameter setting editing screen, with the parameter’s current setting shown in line 3.



- Use the **MINUS** – and **PLUS** + buttons, or **Knob (K1)** to change the setting.
- After the setting is the way you want, exit the parameter editing screen by touching **EXIT**.
- To exit the FUNCTION Mode, hold down **EXIT** until “[FUNCTION]” disappears from the display.

USB Flash Drive

Your Digital Piano supports the use of a commercially available USB flash drive to perform the operations below.

Playing Back Song Data from a USB Flash Drive

Standard song data (MIDI files) that has been stored on a USB flash drive with a computer can be played on your Digital Piano.

- For information about how to store song data on a USB flash drive, see “Using a Computer to Copy General Song Data to a USB Flash Drive”.
- For information about the song data playback operation, see “Listening to Songs (MIDI Player)” (page 3/4).

Recording a Performance to a USB Flash Drive

See “Using the Audio Recorder to Record Performances” (page 3/4) for information about how to record audio data produced by performances on your Digital Piano to a USB flash drive.

Saving and Importing Data

Data recorded with your Digital Piano (MIDI recorder songs, registration setups, etc.) can be stored on a USB flash drive. Data that has been stored with the Digital Piano, as well as other data that is supported by the Digital Piano (user songs, etc.) can be imported from a USB flash drive. For details, refer to the User’s Guide that is available from the CASIO Website.

USB Flash Drive and USB Flash Drive Port Handling Precautions

IMPORTANT!

- Be sure to observe the precautions provided in the documentation that comes with the USB flash drive.
- Avoid using a USB flash drive under the conditions below. Such conditions can corrupt data stored on the USB flash drive.
 - Areas subjected to high temperature, high humidity, or corrosive gas
 - Areas subjected to strong electrostatic charge and digital noise
- Never remove the USB flash drive while data is being written to or loaded from it. Doing so can corrupt the data on the USB flash drive and damage the USB flash drive port.
- Never insert anything besides a USB flash drive into the USB flash drive port. Doing so creates the risk of malfunction.
- A USB flash drive can become warm after very long use. This is normal and does not indicate malfunction.
- Static electricity conducted to the USB flash drive port from your hand or from a USB flash drive can cause malfunction of the Digital Piano. If this happens, turn the Digital Piano off and then back on again.

Operating Precautions

Be sure to read and observe the following operating precautions.

Location

Avoid the following locations for this product.

- Areas exposed to direct sunlight and high humidity
- Areas subjected to temperature extremes
- Near a radio, TV, video deck, or tuner

The above devices will not cause malfunction of the product, but the product can cause interference in the audio or video of a nearby device.

User Maintenance

- Never use benzine, alcohol, thinner, or other chemical agents to clean the product.
- To clean the product or its keyboard, wipe with a soft cloth moistened in a weak solution of water and a mild neutral detergent. Wring all excess moisture from the cloth before wiping.

Included and Optional Accessories

Use only accessories that are specified for use with this product. Use of unauthorized accessories creates the risk of fire, electric shock, and personal injury.

Weld Lines

Lines may be visible on the exterior of the product. These are “weld lines” that result from the plastic molding process. They are not cracks or scratches.

Musical Instrument Etiquette

Always be aware of others around you whenever using this product. Be especially careful when playing late at night to keep the volume at levels that do not disturb others. Other steps you can take when playing late at night are closing the window and using headphones.

Copyrights

You are allowed to use recordings for your own personal use. Any reproduction of an audio or music format file, without the permission of its copyright holder, is strictly prohibited under copyright laws and international treaties. Also, making such files available on the Internet or distributing them to third parties, regardless of whether such activities are conducted with or without compensation, is strictly prohibited under copyright laws and international treaties. CASIO COMPUTER CO., LTD. shall not be held in any way liable for any use of this Digital Piano that is illegal under copyright laws.

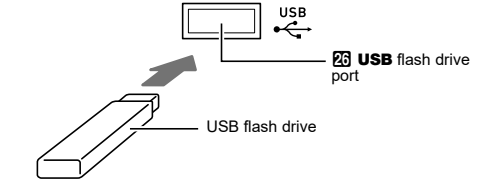
Supported USB Flash Drives

This Digital Piano supports USB flash drives formatted to FAT32 or exFAT. If your USB flash drive is formatted to a different file system, use the Windows format function to reformat it to FAT32 or exFAT. Do not use quick format.

Connecting a USB Flash Drive to and Detaching it from the Digital Piano

To connect a USB flash drive

As shown in the illustration below, insert the USB flash drive into the Digital Piano’s **USB** flash drive port.



- Carefully push the USB flash drive in as far as it will go. Do not use undue force when inserting the USB flash drive.
- When the Digital Piano detects the USB flash drive, the message “MOUNTING” will appear on the display. Do not perform any operation while this message is displayed. Wait until it disappears.

To disconnect a USB flash drive

After checking to make sure that the message “MOUNTING” or “Wait” is not on the display (indicating a read or write operation being performed), pull the USB flash drive straight out of the USB flash drive port.

NOTE

- Mounting a USB flash drive on the Digital Piano will create a folder named MUSICDAT in the drive’s root directory if a MUSICDAT folder does not already exist there. Use this folder when exchanging data between the Digital Piano and USB flash drive.

Using a Computer to Copy General Song Data to a USB Flash Drive

You can play back MIDI files of the formats below, which are stored in the MUSICDAT folder.

- Standard MIDI files (SMF format 0/1)
- CASIO MIDI files (CMF format)

- Connect the USB flash drive to your computer.
- Create a folder named MUSICDAT in the root directory of the USB flash drive.
 - This step is not required if there is already a MUSICDAT folder in the USB flash drive’s root directory.
- Copy song data you want to play back on the Digital Piano to the MUSICDAT folder.
 - For information about the song data playback operation, see “Listening to Songs (MIDI Player)” (page 3/4).

Using the Digital Piano as a Bluetooth Speaker System

This Digital Piano can be used as a Bluetooth speaker system. After you pair the Digital Piano with an external device that is Bluetooth audio capable, you can output playback from the external device through the Digital Piano’s speakers.

IMPORTANT!

- Before performing the pairing operation, turn down the volume levels of the Digital Piano and the external device.
- If external device notes that sound through the Digital Piano speakers are distorted, lower the external device’s volume level setting.

To pair the Digital Piano with a Bluetooth audio device

- Hold down the **VIEW** button until “[FUNCTION]” appears on the display.
This enters the FUNCTION Mode.
- Use the **LEFT** < and **RIGHT** > buttons to display “AUDIO IN” and then touch **ENTER**.
- Use the **LEFT** < and **RIGHT** > buttons to display “BLUETOOTH” and then touch **ENTER**.
This causes the Digital Piano’s Bluetooth icon (📶) to flash, which indicates pairing standby.
 - If the Digital Piano’s Bluetooth is turned off, it will turn on automatically at this point.
- On the Bluetooth setting screen that appears on the external device, turn on Bluetooth if it is off.
- On the Bluetooth setting screen on the external device, select “CASIO Privia” (this Digital Piano).
 - This completes pairing, which causes the Digital Piano’s Bluetooth icon (📶) to change from flashing to lit.
 - Now output from the external device will sound from the Digital Piano’s speakers.
- To exit the FUNCTION mode, hold down **EXIT** until “[FUNCTION]” disappears from the display.

NOTE

- You need to perform the above procedure only once for a device. After that, turning on the Digital Piano’s and the device’s Bluetooth will cause them to connect automatically.
- The Digital Piano can store pairing information for up to eight Bluetooth audio devices. Note, however, that only one device can be connected to the Digital Piano at a time.

Product Specifications

Model: PX-S3000BK

Keyboard: 88-key piano keyboard; Duet: Adjustable tone range (–2 to +2 octaves); Transpose: –12 to 0 to +12 semitones; Octave shift: –2 to 0 to +2 octaves

Sound Source: Number of Tones: 700; Layer; Split; Maximum polyphony: 192 notes; Touch Response (5 sensitivity levels, Off); Tuning: 415.5Hz to 440.0Hz to 465.9Hz (0.1Hz units); Temperament: Equal temperament plus 16 other types

Acoustic Simulator: Hammer response, Key off response, String resonance, Damper resonance, Damper noise, Key on action noise, Key off action noise

Sound Mode: Hall simulator (4 types), Reverb (8 types), Surround (2 types)

Other Effects: Chorus (12 types), DSP (built in to some tones + 100 presets, editable), Brilliance (–3 to 0 to 3)

Demo Song: 6

Playback Function (SONG Mode):
In the MIDI Mode: Downloaded (user) song playback: storage of up to 10 songs in built-in flash memory (Up to approximately 320KB* per song); MIDI recorder song playback; USB flash drive song data (SMF) playback; part mute: L, R, L+R

* Based on 1KB = 1024 bytes, 1MB = 1024² bytes

In the Audio Mode: Audio recorder recording and playback; center cancel

Song Volume: Adjustable (for both MIDI Mode, Audio Mode)

MIDI Recorder: Real-time recording and playback as MIDI data; Number of Songs: 5; Number of Tracks: 3; Capacity: Approximately 30,000 notes per song (total of three tracks); Data storage: Built-in flash memory

Audio Recorder: Real-time recording and playback as audio data; Number of songs: 99 (files); File format: WAV (linear PCM, 16bit, 44.1kHz, stereo); Maximum recording time: Approximately 25 minutes per file; Recording medium: USB Flash Drive

Auto Accompaniment: Built-in Rhythms: 200; One Touch Preset: 200; Auto Harmonize: 12 types; Auto Accompaniment Volume Level: Adjustable

Music Preset: 310

Arpeggiator: 100 types

Metronome: Provided as rhythm type; Beat bell: Off, 1 to 9 (beats); Tempo Range: 20 to 255; Metronome Volume Level: Adjustable (as Auto Accompaniment volume level)

Registration Function: 96 sets maximum (4 sets, 24 banks)

Pedals: With provided pedal (SP-3): Switchable between sustain (off, on), sostenuto (off, on), soft (off, on), arpeggio hold (off, on), play/stop, and fill-in; With Pedal Unit (separately available SP-34): Sustain (off, half, on), sostenuto (off, on), soft (off, on); expression pedal support

Other Functions: Auto Resume, Operation Lock

Bluetooth Connection: Bluetooth Version: 5.0; Supported Profile: A2DP; Supported Codecs: SBC; Wireless Output: Bluetooth Class 2; Transmission Frequency Range: 2402 to 2480 MHz; Maximum Wireless Output: 4dBm

MIDI: 16-channel multi-timbre receive

Pitch Bend Wheel: Pitch bend range: 0 to 24 semitones

Knobs: 2; Knob sets (knob function presets): 14

Inputs/Outputs: PHONES jacks: Stereo mini jacks (3.5mm) × 2; Power: 12V DC; AUDIO IN jack: Stereo mini jack (3.5mm) (Input impedance: 10kΩ, Input voltage: 200mV); LINE OUT R, L/MONO jacks: Standard jacks (6.3mm) × 2 (Output impedance: 2.3kΩ, Output voltage: 1.3V (RMS) MAX); USB port: Type B; USB flash drive port: Type A; DAMPER PEDAL jack: Standard jack (6.3mm); EXPRESSION/ASSIGNABLE jack: Standard jack (6.3mm); PEDAL UNIT jack: Proprietary jack

Acoustics: Amp output: 8W + 8W; Speakers: 16cm × 8cm (oval) × 2

Power Supply: 2-way; Batteries: 6 AA-size alkaline batteries; Continuous Operation: Playback of built-in demo tunes on alkaline batteries, approximately 2 hours; AC Adaptor: AD-A12150LW; Auto Power Off: Approximately four hours (under AC adaptor power) or six minutes (under battery power) after last operation, can be disabled.

Power Consumption: 12V --- 15W

Dimensions: 132.2 (W) × 23.2 (D) × 10.2 (H) cm (52 1/16 × 9 1/8 × 4 inch)

Weight: Approximately 11.4kg (25.1 lbs) (without batteries)

Specifications and designs are subject to change without notice.

Linking with a Smart Device (APP Function)

You can use the APP Function to connect the Digital Piano with a phone, tablet or other smart device and perform the operations described below.

- Control the Digital Piano from a smart device (Piano Remote Controller)
- Transfer music data from a smart device

To download the smart device app

Download the Chordana Play for Piano app from the CASIO website and install it on the smart device.
<https://support.casio.com/global/en/eml/manual/PX-S300/>



To link to a smart device

After installing the Chordana Play for Piano app on a smart device, use a commercially available USB cable to connect the smart device’s USB port with the Digital Piano’s USB port.

After connecting the smart device to the Digital Piano, use the smart device app to perform operations. For details about operations, refer to the user documentation of the app.

Declaration of Conformity According to EU Directive

Manufacturer:
CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome,
Shibuya-ku, Tokyo 151-8543, Japan

Responsible within the European Union:
Casio Europe GmbH
Casio-Platz 1,
22848 Norderstedt, Germany
www.casio-europe.com

Company and product names used in this manual may be registered trademarks of others.

This recycle mark indicates that the packaging conforms to the environmental protection legislation in Germany.

About the AC adaptor that comes with the Digital Piano

Note the following important precautions to avoid damage to the AC adaptor and power cord.

- Never pull on the cord with excessive force.
- Never repeatedly pull on the cord.
- Never twist the cord at the base of the plug or connector.
- Before moving the Digital Piano, be sure to unplug the AC adaptor from the power outlet.
- Loop and bundle the power cord, but never wind it around the AC adaptor.

Any reproduction of the contents of this manual, either in part or its entirety, is prohibited. Except for your own, personal use, any other use of the contents of this manual without the consent of CASIO is prohibited under copyright laws.

IN NO EVENT SHALL CASIO BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, LOSS OF INFORMATION) ARISING OUT OF THE USE OF OR INABILITY TO USE THIS MANUAL OR PRODUCT, EVEN IF CASIO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

- The contents of this manual are subject to change without notice.

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan