



CDP-S160

Quick Start Guide

Please keep all information for future reference. Be sure to read the separate "Safety Precautions" and use the Digital Piano correctly.

These instructions provide general information about Digital Piano operations. For more detailed information, refer to the User's Guide available on the CASIO website. <https://support.casio.com/global/en/emi/manual/CDP-S160/>

Supported Operations

- A choice of different tones**
Select from among 10 different tones, including grand piano and more. You can even layer two different tones for simultaneous play.
≡ THESE INSTRUCTIONS: Selecting a Tone
- Powerful digital piano settings**
≡ THESE INSTRUCTIONS: Splitting the Keyboard for Duet Play, Recording and Play Back
- Metronome**
The metronome can be used to help maintain the correct tempo. You can select from among nine different time signatures for the metronome.
≡ THESE INSTRUCTIONS: Using the Metronome
- Play along with sound data from an externally connected device**
A portable audio player or other device can be connected to the Digital Piano's AUDIO IN jack for play along with device playback on the keyboard.
≡ THESE INSTRUCTIONS: Playing an External Device from the Digital Piano
- Smart device linking for enhanced function**
Digital Piano function can be controlled from the screen of a linked smart device and more.
≡ THESE INSTRUCTIONS: Linking with a Smart Device (APP Function)
- Other useful features**
 - Changing the Keyboard Touch Response
 - Tone effects
 - Changing the Pitch in Semitone Steps (Transpose)
 - Fine Tuning a Pitch (Tuning)
 - Computer connectivity for MIDI data exchange
- Troubleshooting**
≡ CASIO WEBSITE: User's Guide

General Guide

- (Power) button
- VOLUME knob
- GRAND PIANO, FUNCTION button
- RECORD button
- USB Type B port
- DAMPER PEDAL jack
- PEDAL UNIT jack
- PHONES/OUTPUT jack
- AUDIO IN jack
- DC 12V terminal
- Functions assigned to keys*

* Functions assigned to keys
While holding down the **3** FUNCTION button, you can use these keys to change settings, such as the currently selected tone, etc. Most of the functions that can be changed using keyboard keys are marked above the keyboard. For example, tone names assigned to the TONE setting keys (C3 to A3) are marked above the keys.

■ Preparing the Music Stand

■ Returning the Digital Piano to Its Factory Default Settings
Refer to "Returning the Digital Piano to Its Factory Default Settings" on the back of these instructions.

Keyboard Function List

Note name	Assigned function (marked above the keyboard key)
B2	Demo (DEMO)
C3	Grand Piano (GRAND PIANO)
C3	Standard (STANDARD)
C#3	Grand Piano (GRAND PIANO)
C#3	Mellow (MELLOW)
D3	Grand Piano (GRAND PIANO)
D3	Bright (BRIGHT)
E#3	1
E3	2
F3	3
F#3	Harpichord (HARPSICHORD)
G3	Strings (STRINGS)
A#3	Pipe Organ (PIPE ORGAN)
A3	Jazz Organ (JAZZ ORGAN)
B#3	Metronome (METRONOME)
B3	On/Off (ON/OFF)
C4	Tempo (TEMPO)
C4	Beat (BEAT)
C#4	Volume (VOLUME)
D4	Tempo/Beat/Volume (TEMPO/BEAT/VOLUME)
E#4	-
E4	0
F4	1
F#4	2
G4	3
A#4	4
A4	5
B#4	6
B4	7
C5	8
C#5	9
D5	Touch Response (TOUCH RESPONSE)
E#5	Reverb (REVERB)
E5	Chorus (CHORUS)
F5	Transpose (TRANSPOSE)
F#5	-
G5	+
A#5	-
A5	Type (TYPE)
B#5	Base Note (BASE NOTE)
B5	Type (TYPE)
C6	Left keyboard octave (L OCT.)
C6	Right keyboard octave (R OCT.)
D6	Setting (SETTING)
E#6	Clear (CLEAR)
E6	Type (TYPE)
G6	Keyboard Channel
A6	Local Control
B6	Auto Power Off
E7	Factory Reset
G7	Execute
B7	Beep

* ≡ CASIO WEBSITE: User's Guide

Keyboard note names and pitches

The keyboard note names and pitches used in these instructions follow the international standard. Middle C is C4, the lowest C is C1, and the highest C is C8. The illustration below (C4 through C5) shows keyboard key note names.

The first thing you need to do is follow the instructions under "Preparing a Power Supply" in these instructions to supply power to the Digital Piano.

Included Accessories

- Music Stand
- AC adaptor
- Power cord
- Pedal
- Leaflets
 - Safety Precautions
 - Other (Warranty, etc.)

Items included as accessories are subject to change without notice.

Separately Available Accessories

You can get information about accessories that are separately for this product from the CASIO catalog available from your retailer, and from the CASIO website at the URL below.
<https://support.casio.com/global/en/emi/manual/CDP-S160/>

Getting Ready

Preparing a Power Supply

Using the AC Adaptor

Make sure that you use only the AC adaptor specified for this Digital Piano. Use of a different type AC adaptor can cause smoking or malfunction.

Specified AC Adaptor: AD-A12150LW (JEITA Standard plug)

IMPORTANT!

- Never connect the AC adaptor (JEITA Standard, with unified polarity plug) that comes with this Digital Piano to any other device besides this Digital Piano. Doing so creates the risk of malfunction.
- Be sure to turn off Digital Piano power before connecting or disconnecting the AC adaptor.
- The AC adaptor will become warm to the touch after very long use. This is normal and does not indicate malfunction.

Using Batteries

IMPORTANT!

- Be sure to turn off power before loading batteries.
- It is up to you to prepare six commercially available batteries. Do not use oxyride batteries or any other nickel based batteries.
- Note the following precautions while the Digital Piano is turned upside down to load batteries.
 - Take care to avoid injury due to pinching your fingers under the Digital Piano.
 - Do not allow the Digital Piano to tip over or otherwise be subjected to strong impact. Impact can damage the volume knob and keyboard keys.

- Open the battery cover on the bottom of the Digital Piano.
- Load six AA-size batteries into the battery compartment. Make sure the positive (+) and negative (-) ends of the batteries are facing as marked on the Digital Piano.
- Insert the tabs of the battery cover into the holes on the side of the battery compartment, and close the cover.

Low Battery Indication

Low batteries are indicated by the **1** (Power) button lamp flashing. When this happens, replace batteries.

IMPORTANT!

- Continued use with low batteries will cause Digital Piano power to turn off automatically. This can cause data stored in Digital Piano memory to be corrupted or lost.

Connecting a Pedal

DAMPER PEDAL Jack

Connecting the supplied pedal (SP-3) to the **6** DAMPER PEDAL jack makes it possible to use the pedal as a damper pedal. Pressing the damper pedal while playing will cause the notes you play to reverberate.

PEDAL UNIT Jack

≡ For more detailed information, refer to the User's Guide on the CASIO website.

You can connect the optionally available 3-Pedal Unit (SP-34) to the **7** PEDAL UNIT jack on the back of the Digital Piano. You can then use the pedals for expression that is similar to that available on a grand piano.

Using Headphones

Using headphones cuts off output from the built-in speakers, which means you can practice playing even late at night without disturbing others.

- Be sure to turn down the volume level before connecting headphones.

NOTE

- Headphones do not come with the Digital Piano.
- Use commercially available headphones. See "Separately Available Accessories" for information about options.

IMPORTANT!

- Do not listen to very high volume output over headphones for long period. Doing so creates the risk of hearing damage.
- If you are using headphones that require an adaptor plug, make sure you do not leave the adaptor plugged in when you unplug the headphones. If you do, nothing will sound from the speakers when you play.

Turning Power On or Off

- Press the **1** (Power) button to turn on Digital Piano power.

- The power lamp lights and the Digital Piano powers up. The power up operation takes a few seconds.

- To turn off the Digital Piano, hold down the **1** (Power) button until the power lamp goes out.

NOTE

- Pressing the **1** (Power) button to turn off power actually puts the Digital Piano into a standby state. Minute amounts of current continue to flow within the Digital Piano in the standby state. If you do not plan to use the Digital Piano for a long time or if there is a lightning storm in your area, be sure to unplug the AC adaptor from the power outlet.
- Turning off power causes the Digital Piano settings to return to their initial defaults. The tuning setting and recorded data, however, is retained.

Auto Power Off

This Digital Piano is designed to turn off automatically to avoid wasting power after no operation is performed for a preset amount of time. The Auto Power Off trigger time is about four hours when power is being supplied by the AC adaptor, or 6 minutes under battery power.

To enable or disable Auto Power Off

- Each press of the B6 keyboard key causes a short beep to sound. A low beep sounds when Auto Power Off is disabled, and a high beep sounds when it is enabled.

- While holding down **3** FUNCTION, press the B6 (Auto Power Off) keyboard key.
- After the setting is the way you want, release **3** FUNCTION.

Adjusting Volume

Use the **2** VOLUME knob to adjust the volume of speaker and headphone output.

Selecting a Tone

The Digital Piano has 10 built-in tones. In addition to using a single tone, you can also select two different tones and sound them together.

Selecting the GRAND PIANO STANDARD Tone

Press **3** GRAND PIANO.

To select a single tone

- While holding down **3** FUNCTION, press one of the Tone keyboard keys (C3 through A3).
 - To select HARPSICHORD, for example, hold down **3** FUNCTION and press the HARPSICHORD keyboard key (F#3). A short beep will sound to confirm the setting.
- Release **3** FUNCTION.

- Pressing the first keyboard key for the first tone will cause a short beep to sound, and press the key for the second tone will cause a short and then long beep to sound, indicating that the tones whose keys you pressed have been layered.
- Now pressing a single keyboard key will sound both the HARPSICHORD and STRINGS tones at the same time.
- To cancel tone layering, perform the procedure under "To select a single tone". Or you could press **3** GRAND PIANO, which changes the keyboard tone to GRAND PIANO STANDARD only.

To layer two tones

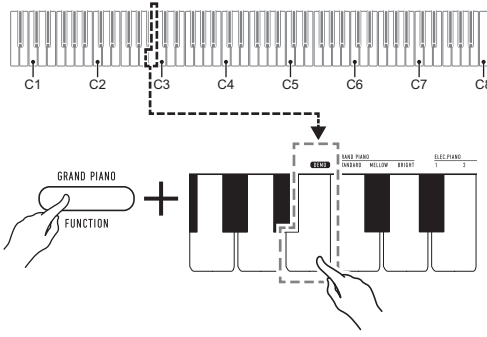
- While holding down **3** FUNCTION, press the Tone keyboard keys (C3 through A3) of the first tone and then the second tone you want to layer.
 - To layer HARPSICHORD and STRINGS, for example, hold down **3** FUNCTION and press the HARPSICHORD keyboard key (F#3), and then the STRINGS key (G3).
- Release **3** FUNCTION.

Tone List

Tone Name	Program Change	Bank Select MSB
GRAND PIANO STANDARD	0	0
GRAND PIANO MELLOW	1	0
GRAND PIANO BRIGHT	2	0
ELEC. PIANO 1	3	0
ELEC. PIANO 2	4	0
ELEC. PIANO 3	5	0
HARPSICHORD	6	0
STRINGS	7	0
PIPE ORGAN	8	0
JAZZ ORGAN	9	0

Listening to Demo Play

- 1. While holding down [FUNCTION] button, press the DEMO (B2) keyboard key.



- This starts playback of the two demo songs. 2. To stop demo tune play, hold down [FUNCTION] as you press the DEMO (B2) keyboard key.

Demo Song List

Table with 3 columns: Song No., Song Name, Tone Name. Includes Prélude and Original.

Using the Metronome

The metronome sounds a regular tone to mark time. Use the metronome when you want to practice playing at a regular tempo.

To start or stop the metronome

- 1. While holding down [FUNCTION] button, press the METRONOME ON/OFF keyboard key (B-3). 2. To change the metronome beat

Table with 2 columns: Setting, Description. Shows settings for unaccented and accented beats.

- To return to the initial default setting, hold down the keyboard [+], [-] keys at the same time until a long beep sounds.

To change the metronome tempo

You can specify a metronome tempo in the range of 20 to 255 beats per minute (bpm).

- 1. While holding down [FUNCTION] button, perform steps (1) and (2) below. (1) Press the METRONOME TEMPO keyboard key (B3).

To change the metronome volume

- 1. While holding down [FUNCTION] button, perform steps (1) and (2) below.

Product Specifications

Model: CDP-S160BK/CDP-S160RD
Keyboard: 88-key piano keyboard, with Touch Response
Maximum Polyphony: 64 notes
Tones: 10, Layer
Effects: Reverb (4 types), Chorus (4 types)
Metronome: Beat bell, Tempo Range, Duet: Adjustable tone range, Demo Songs: 2
Recorder: Functions, Number of Song, Capacity, Recorded Data Protection.

Linking with a Smart Device (APP Function)

After you link the Digital Piano with a smartphone, tablet, or other smart device, you can control the Digital Piano with the linked smart device (Piano Remote Controller).

To download the smart device app

Download the smart device app from the CASIO website and install it on the smart device you want to use.



To link to a smart device

After installing the 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 Type B 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.

To adjust the metronome volume

NOTE

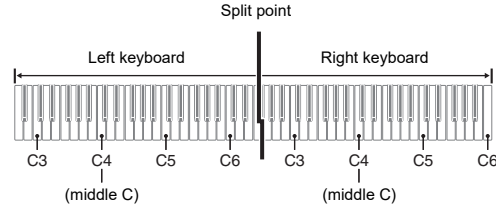
- You can adjust the metronome value within the range of 0 (muted) and 42 (maximum). Always input two digits.

- 1. While holding down [FUNCTION] button, perform steps (1) and (2) below. (1) Press the METRONOME VOLUME keyboard key (C#4).

Splitting the Keyboard for Duet Play

You can split the keyboard in the center for duet play so the left and right sides have the same ranges.

Keyboard



Pedal Operation when Playing a Duet

For more detailed information, refer to the User's Guide on the CASIO website.

To play a duet

- 1. While holding down [FUNCTION] button, press the DUET TYPE (B5) keyboard key. Each press changes the setting.

Table with 3 columns: Beeps, Duet Mode, Description. Shows settings for Off, On, and Pan.

- 2. After confirming that the Duet Mode setting is the way you want, release [FUNCTION]. 3. Select a tone and perform the song you want.

NOTE

Entering the Duet Mode causes the Digital Piano to be configured automatically with settings that are optimal for duet play.

- Some settings become fixed and cannot be changed while in the Duet Mode.

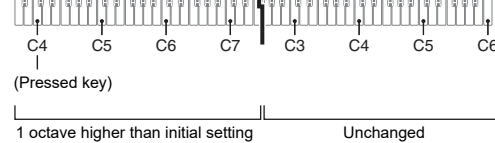
Changing the Octaves of the duet keyboards

You can change the ranges of the left and right keyboards in octave units from their initial default settings.

- 1. While holding down the [FUNCTION] button, perform steps (1) and (2) below. (1) To change the register of the left keyboard, press the DUET L OCT. keyboard key (C6).

This will cause a short and then long beep to sound, indicating that the operation is complete.

- 2. Release [FUNCTION].



To play back a recorded performance

- 1. Press [RECORD] button. 2. Press [PLAY] button. This starts playback of what you recorded.

Recording and Play Back

You can store the notes you play in Digital Piano memory for later playback.

- Memory Capacity: You can record approximately 2,500 notes. Recorded Data: Keyboard play, Keyboard tone, Pedal operations, Tempo setting, Transpose setting, Duet Mode setting.

NOTE

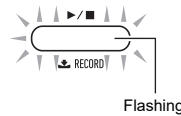
- Digital Piano settings cannot be changed while recording is in progress. Recording Data Storage: Starting a new recording deletes any data that was previously recorded in memory.

IMPORTANT!

CASIO COMPUTER CO., LTD. takes no responsibility for any damages, lost profits, or claims by third parties arising from the deletion of recorded data due to malfunction, repair, or for any other reason.

To record keyboard play

- 1. Long-press [RECORD] until the button's LED starts to flash.



- The flashing [RECORD] button LED indicates that the Digital Piano is in record standby.

- 2. To start recording, play something on the keyboard while in record standby (LED flashing), or press [RECORD] again until the LED goes out.

- 3. To finish recording, press [PLAY]. The LED will turn off after the recording save operation is complete.

To play back a recorded performance

- 1. Press [PLAY] button. This starts playback of what you recorded.

NOTE

- During playback of a recorded tune, the [RECORD] button LED flashes at the tempo of the recording.

To stop playback, press [PLAY] again.

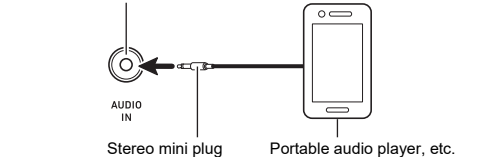
Playing an External Device from the Digital Piano

Connection requires commercially available connecting cords, supplied by you. The connecting cords should have a stereo mini plug on one end and a plug that matches the configuration of the external device on the other end.

IMPORTANT!

- Turn off the Digital Piano when making connections. After connecting, turn down the Digital Piano and external device volume levels whenever turning power on or off.

Digital Piano AUDIO IN jack



Returning the Digital Piano to Its Factory Default Settings

Perform the following procedure when you want to return the Digital Piano's stored data and settings to their initial factory defaults.

- 1. While holding down [FUNCTION] button, perform steps (1) and (2) below. (1) Press the E7 (Factory Reset) keyboard key.