YAMAHA

ARIUS

YDP-135

Owner's Manual

For information on assembling the keyboard stand, refer to the instructions at the end of this manual.

EN

Important Notice: Guarantee Information for customers in European Economic Area (EEA) and Switzerland

English

Important Notice: Guarantee Information for customers in EEA* and Switzerland

For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area

Deutsch

Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz

Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den Pan-EWR*- und Schweizer Garantieservice, besuchen Sie bitte entweder die folgend angegebene Internetadresse (eine druckfähige Version befindet sich auch auf unserer Webseite), oder wenden Sie sich an den für Ihr Land zuständigen Yamaha-Vertrieb. *EWR: Europäischer Wirtschaftsraum

Français

Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse

Pour des informations plus détaillées sur la garantie de ce produit Yamaha et sur le service de garantie applicable dans l'ensemble de l'EEE ainsi qu'en Suisse, consultez notre site Web à l'adresse ci-dessous (le fichier imprimable est disponible sur notre site Web) ou contactez directement Yamaha dans votre pays de résidence. * EEE : Espace Economique Européen

Nederlands

Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland

Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vind een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte

Español

Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza

Para una información detallada sobre este producto Yamaha y sobre el soporte de garantía en la zona EEE* y Suiza, visite la dirección web que se incluye más abajo (la version del archivo para imprimir esta disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo

Italiano

Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera

Per informazioni dettagliate sulla garanzia relativa a questo prodotto Yamaha e l'assistenza in garanzia nei paesi EEA* e in Svizzera, potete consultare il sito Web all'indirizzo riportato di seguito (è disponibile il file in formato stampabile) oppure contattare l'ufficio di rappresentanza locale della Yamaha. * EEA: Area Economica Europea

Português

Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça

Para obter uma informação pormenorizada sobre este produto da Yamaha e sobre o serviço de garantia na AEE* e na Suíça, visite o site a seguir (o arquivo para impressão está disponível no nosso site) ou entre em contato com o escritório de representação da Yamaha no seu país. * AEE: Área Econômica Européia

Ελληνικά

Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία

Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το παρόν προϊόν της Yamaha και την κάλυψη εγγύησης σε όλες τις χώρες του ΕΟΧ και την Ελβετία, επισκεφτείτε την παρακάτω ιστοσελίδα (Εκτυπώσιμη μορφή είναι διαθέσιμη στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας. * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος

Svenska

Viktigt: Garantiinformation för kunder i EES-området* och Schweiz

För detaljerad information om denna Yamahaprodukt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbaddress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet

Norsk

Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits

Detaljert garantiinformasjon om dette Yamaha-produktet og garantiservice for hele EØS-området* og Sveits kan fås enten ved å besøke nettadressen nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontakte Yamaha-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet

Dansk

Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz

De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØO* (og Schweiz) ved at besøge det websted, der er angivet nedenfor (der findes en fil, som kan udskrives, på vores websted), eller ved at kontakte Yamahas nationale repræsentationskontor i det land, hvor De bor. * EØO: Det Europæiske Økonomiske Område

Suomi

Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille

Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan.
*ETA: Euroopan talousalue

Polski

Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii

Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EOG* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (Plik gotowy do wydruku znajduje się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju. * EOG — Europejski Obszar Gospodarczy

Česky

Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku

Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na níže uvedené webové adrese (soubor k tisku je dostupný na našich webových stránkách) nebo se můžete obrátit na zastoupení firmy Yamaha ve své zemi. * EHS: Evropský hospodářský prostor

Magyar

Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára

A jelen Yamaha termékre vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keresse fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájlt is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviseleti irodával. * EGT: Európai Gazdasági Térség

Eesti keel

Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele

Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval prinditav fail) või pöörduge Teie regiooni Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond

Latviešu

Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē

Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicē, lūdzu, apmeklējiet zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazinieties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona

Lietuvių kalba

Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje

Jei reikia išsamios informacijos apie šį „Yamaha" produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdintinas failas) arba kreipkitės į „Yamaha" atstovybę savo šaliai.
*EEE – Europos ekonominė erdvė

Slovenčina

Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku

Podrobné informácie o záruke týkajúce sa tohto produktu od spoločnosti Yamaha a garančnom servise v EHP* a Švajčiarsku nájdete na webovej stránke uvedenej nižšie (na našej webovej stránke je k dispozícii súbor na tlač) alebo sa obráťte na zástupcu spoločnosti Yamaha vo svojej krajine. * EHP: Európsky hospodársky priestor

Slovenščina

Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici

Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (natisljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi. * EGP: Evropski gospodarski prostor

Български език

Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария

За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в паневропейската зона на ЕИП* и Швейцария или посетете посочения по-долу уеб сайт (на нашия уеб сайт има файл за печат), или се свържете с представителния офис на Yamaha във вашата страна. * ЕИП: Европейско икономическо пространство

Limba română

Notificare importantă: Informaţii despre garanţie pentru clienţii din SEE* şi Elveţia

Pentru informaţii detaliate privind acest produs Yamaha şi serviciul de garanţie Pan-SEE* şi Elveţia, vizitaţi site-ul la adresa de mai jos (fişierul imprimabil este disponibil pe site-ul nostru) sau contactaţi biroul reprezentanţei Yamaha din ţara dumneavoastră .
* SEE: Spaţiul Economic European

http://europe.yamaha.com/warranty/

Information for Users on Collection and Disposal of Old Equipment

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

[For business users in the European Union]

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

(weee_eu)

OBSERVERA!

Apparaten kopplas inte ur växelströmskällan (nätet) så länge som den ar ansluten till vägguttaget, även om själva apparaten har stängts av.

ADVARSEL: Netspændingen til dette apparat er IKKE afbrudt, sålænge netledningen sidder i en stikkontakt, som er tændt — også selvom der er slukket på apparatets afbryder.

VAROITUS: Laitteen toisiopiiriin kytketty käyttökytkin ei irroita koko laitetta verkosta.

(standby)

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep this manual in a safe place for future reference.

⚠ *WARNING*

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Power supply/AC power adaptor

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (page 35) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

Do not open

- This instrument contains no user-serviceable parts. Do not open the instrument or attempt to disassemble or modify the internal components in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings. If any liquid such as water seeps into the instrument, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands.

Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

If you notice any abnormality

- When one of the following problems occur, immediately turn off the power switch and disconnect the electric plug from the outlet. Then have the device inspected by Yamaha service personnel.
  - The power cord or plug becomes frayed or damaged.
  - It emits unusual smells or smoke.
  - Some object has been dropped into the instrument.
  - There is a sudden loss of sound during use of the instrument.

⚠ CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

Power supply/AC power adaptor

- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

Assembly

- Read carefully the attached documentation explaining the assembly process. Failure to assemble the instrument in the proper sequence might result in damage to the instrument or even injury.

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- When transporting or moving the instrument, always use two or more people. Attempting to lift the instrument by yourself may damage your back, result in other injury, or cause damage to the instrument itself.
- Before moving the instrument, remove all connected cables.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

Connections

- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

Handling caution

- Do not insert a finger or hand in any gaps on the key cover or instrument. Also take care that the key cover does not pinch your finger.
- Never insert or drop paper, metallic, or other objects into the gaps on the key cover, panel or keyboard.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Do not use the instrument/device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

Using the bench (If included)

- Do not place the bench in an unstable position where it might accidentally fall over.
- Do not play carelessly with or stand on the bench. Using it as a tool or stepladder or for any other purpose might result in accident or injury.
- Only one person should sit on the bench at a time, in order to prevent the possibility of accident or injury.
- If the bench screws become loose due to extensive long-term use, tighten them periodically using the included tool.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument, or data that is lost or destroyed.

Always turn the power off when the instrument is not in use.

Even when the power switch is in standby status, electricity is still flowing to the instrument at the minimum level. When you are not using the instrument for a long time, make sure you unplug the power cord from the wall AC outlet.

The name plate of this product may be found on the bottom of the unit. The serial number of this product may be found on or near the name plate. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

Model No.

Serial No.

(bottom)

About the Manuals

Included Documents

Owner's Manual (this book)

Quick Operation Guide (separate sheet)
This Guide explains detailed operation of the functions assigned to the buttons and keyboard.

Online Materials (Downloadable from the web)

The following instructional materials are available for downloading from the Yamaha Manual Library. Access the Yamaha Manual Library, then enter your model name (YDP-135, for example) in the Model Name area to search the manuals.

Yamaha Manual Library http://www.yamaha.co.jp/manual/

MIDI Reference
The MIDI Reference contains MIDI related information, such as the MIDI Data Format and MIDI Implementation chart.

MIDI Basics (only in English, French, German and Spanish)
If you want to know more about MIDI and how to use it, refer to this introductory book.

Notices and Information

NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, carefully follow the notices below.

■ Handling and Maintenance

- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument and/or the nearby device may generate noise.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components. (Verified operating temperature range: 5° – 40°C, or 41° – 104°F.)
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- When cleaning the instrument, use a soft, dry or slightly damp cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- During extreme changes in temperature or humidity, condensation may occur and water may collect on the surface of the instrument. If water is left, the wooden parts may absorb the water and be damaged. Make sure to wipe any water off immediately with a soft cloth.

■ Saving data

Saved data may be lost due to malfunction or incorrect operation. Save important data to external device such as a computer.

Information

■ About copyrights

- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- This product incorporates and bundles computer programs and contents in which Yamaha owns copyrights or with respect to which it has license to use others' copyrights. Such copyrighted materials include, without limitation, all computer software, style files, MIDI files, WAV data, musical scores and sound recordings. Any unauthorized use of such programs and contents outside of personal use is not permitted under relevant laws. Any violation of copyright has legal consequences. DON'T MAKE, DISTRIBUTE OR USE ILLEGAL COPIES.

■ About functions/data bundled with the instrument

- Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.

■ About this manual

- The illustrations as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

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Features

■ GHS (Graded Hammer Standard) keyboard

This Yamaha digital piano features a special "GHS (Graded Hammer Standard) keyboard with matte black keytops."

The GHS keyboard offers natural grand-piano type playability by simulating the heavier touch of the low range and the lighter touch of the high range across the keyboard.

The matte black keytops enhance the piano's luxurious and graceful appearance.

■ AWM Stereo Sampling

This digital piano sounds much closer to a true acoustic piano. Two of the piano Voices, "Grand Piano 1" and "Grand Piano 2," feature totally samples recorded from a concert grand piano. The "Electric Piano" Voice features multiple samples for different velocities (Dynamic Sampling); that is, different samples are used depending on how fast or strong you strike the keys.

Accessories

- ❏ Owner's Manual (this book)
- ❏ Quick Operation Guide (separate sheet)
- ❏ "50 Greats for the Piano" (music book)
- ❏ Online Member Product User Registration*1
- ❏ Bench*2
- ❏ AC Power adaptor*2

*1 The PRODUCT ID on the sheet will be needed when you fill out the User Registration form.

*2 Included or optional depending on locale.

■ Tuning

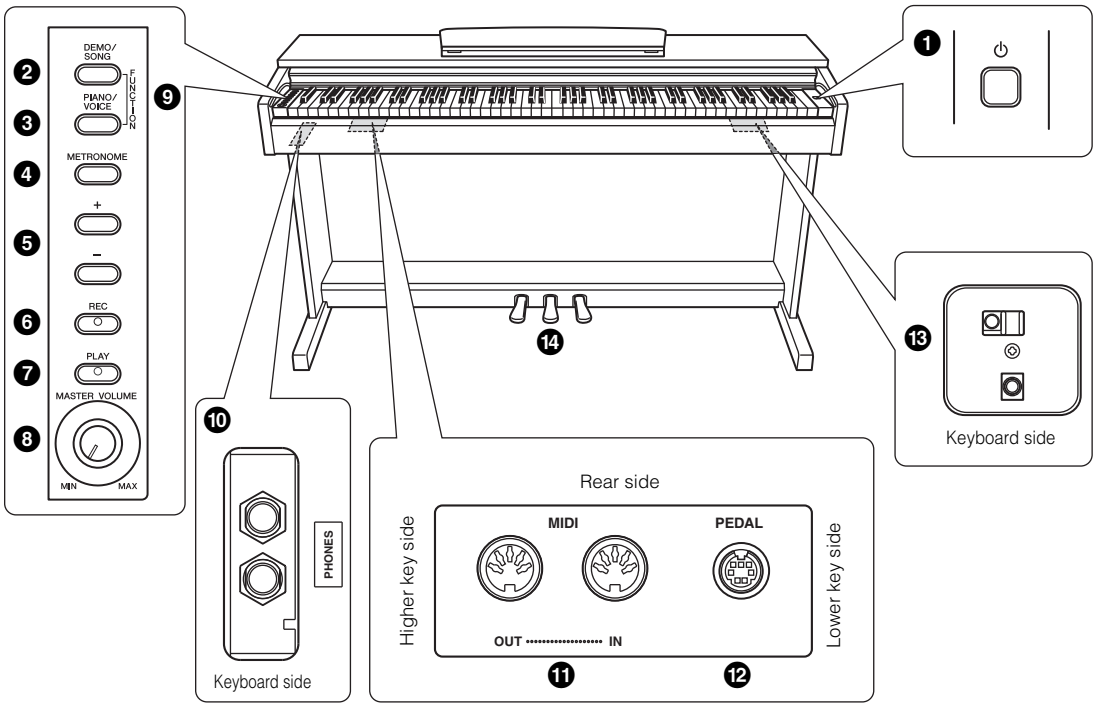
Unlike an acoustic piano, this instrument does not need to be tuned. It always stays perfectly in tune.

■ Transporting

If you move to another location, you can transport this instrument along with your other belongings. You can move the unit as it is (assembled) or you can disassemble the unit before moving.

Transport the keyboard horizontally. Do not lean it up against a wall or stand it up on its side. Do not subject the instrument to excessive vibration or shock.

Panel Controls and Terminals



❶ **[⏻] (Standby/On) switch.....page 11**
This switch turns the power to the unit on (▬) or sets it to standby (▙).

❷ **[DEMO/SONG] button .....pages 13, 14**
Listen to the playback of demo songs for each Voice and 50 piano preset songs.

❸ **[PIANO/VOICE] button .....pages 16, 19**
Select one of six internal sounds, including Grand Piano 1 and 2.
You can also layer two Voices together.

❹ **[METRONOME] button..... page 21**
Control the metronome functions.

❺ **[+], [–] buttons.....pages 13, 16, 21**
These buttons enable you to select a desired preset song for playback. They also enable you to change the Voice or tempo.

❻ **[REC] button..... page 23**
Allow you to record your performance.

❼ **[PLAY] button ..... page 24**
Play back your recorded performance.

❽ **[MASTER VOLUME] control .....page 11**
Adjust the volume level using this control.

❾ **[FUNCTION] .....pages 20, 28**
While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press the specified keys to set the MIDI or Transpose parameters.

❿ **[PHONES] jacks.....page 12**
A set of standard stereo headphones can be connected here for private practice.

⓫ **MIDI [IN] [OUT] terminals .....page 25**
Connect a MIDI device to these terminals to use various MIDI functions.

⓬ **[PEDAL] jack .....page 33**
Connect the pedal cord.

⓭ **DC IN jack.....page 33**
Connect the included power adaptor here.

⓮ **Pedals .....page 17**
Use these pedals when you want to sustain notes or make them sound softer and less bright.

Before Using the Digital Piano

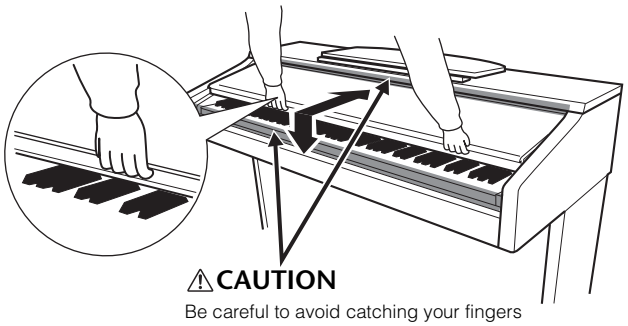
Key Cover

To open the key cover:

Lift the cover slightly, then push and slide it open.

To close the key cover:

Slide the cover toward you and gently lower the cover over the keys.



⚠CAUTION

Be careful to avoid catching your fingers when opening or closing the cover.

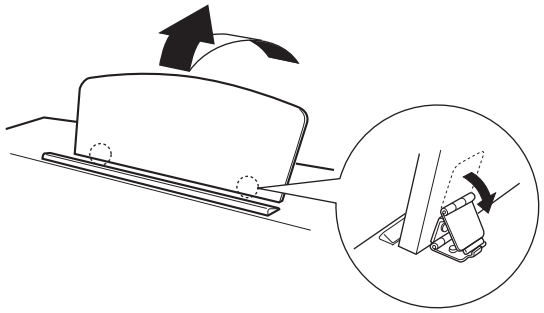
⚠CAUTION

- Hold the cover with both hands when opening or closing it. Do not release it until it is fully opened or closed. Be careful to avoid catching fingers (yours or others, especially children's) between the cover and main unit.
- Do not place objects, such as a piece of metal or paper, on top of the key cover. Small objects placed on the key cover may fall inside the unit when the cover is opened and may be nearly impossible to remove. This could cause electric shock, short circuit, fire or other serious damage to the instrument. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.

Music Rest

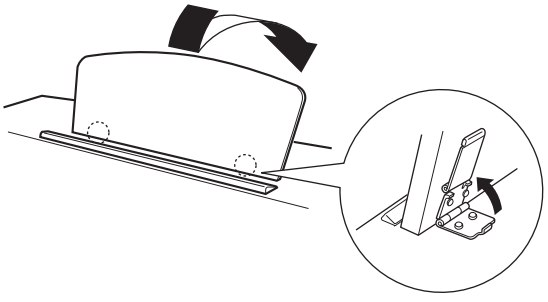
To raise the music rest:

1. **Pull the music rest up and toward yourself as far as it will go.**
2. **Flip down the two metal supports at the left and right on the rear of the music rest.**
3. **Lower the music rest so that it rests on the metal supports.**



To lower the music rest:

1. **Pull the music rest toward yourself as far as it will go.**
2. **Raise the two metal supports (at the rear of the music rest).**
3. **Gently lower the music rest backward until it is all the way down.**



⚠CAUTION

Do not try to use the music rest in a half-raised position. When lowering the music rest, do not release your hands from the music rest until it is all the way down.

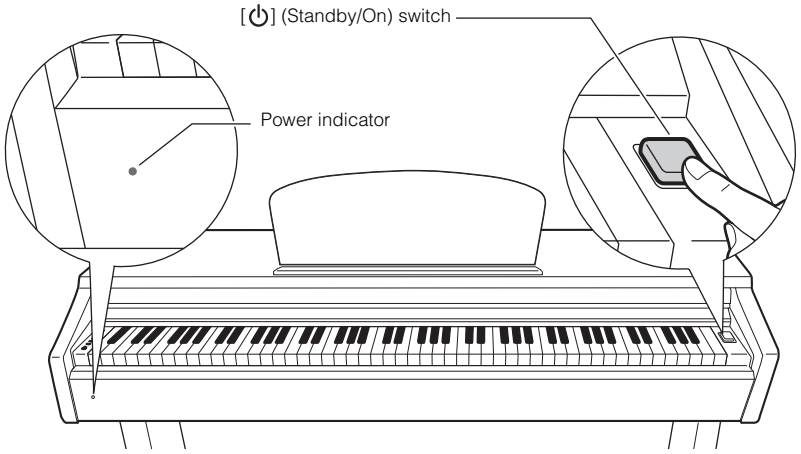
Turning the Power On

1 Make sure that the [⏻] (Standby/On) switch is turned off and the [MASTER VOLUME] is set to the MIN position.

2 Make sure that the power cord is connected to DC IN jack (page 33).

3 Insert the plug on the other end of the power cord into a standard AC outlet.

4 Press the [⏻] (Standby/On) switch on the right end of the keyboard to turn on the power to the unit.
The power indicator located below the left end of the keyboard lights up.



Press the [⏻] (Standby/On) switch again to turn off the power to the unit.
The power indicator turns off.

⚠WARNING

- Be sure to use an appropriate AC outlet.
- Be sure to use a specified power adaptor. Using a different power adaptor may cause malfunction, overheating, or fire.

⚠CAUTION

- A small amount of electrical current remains even after the [⏻] (Standby/On) switch has been turned off.
- If you plan not to use the instrument for an extended period of time, or if there is a possibility of lightning striking, be sure to unplug the instrument from the AC outlet.

Setting the Volume

When you start playing, adjust the [MASTER VOLUME] control to the most comfortable listening level.

⚠CAUTION

Do not use this instrument at a high volume level for a long period of time, or your hearing may be damaged.

Using Headphones

Connect a pair of headphones to one of the [PHONES] jacks.

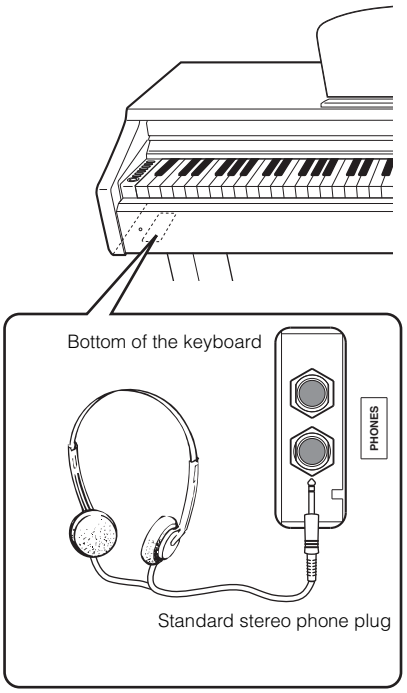
Two [PHONES] jacks are provided.

You can connect two sets of standard stereo headphones. (If you are using only one pair of headphones, you can plug them into either jack.)

The speakers are automatically shut off when a plug is inserted into either of these jacks.

⚠CAUTION

Do not listen to the instrument at a high volume level through headphones for a long period of time, or your hearing may be damaged.



Listening to the Demo Songs

Demo songs are provided that effectively demonstrate the Voices of this instrument.

1 Press the [DEMO/SONG] button to start playback.

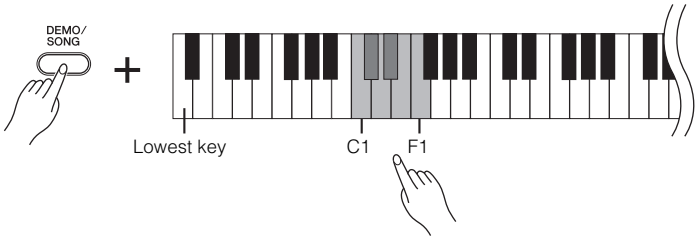
The demo song for the currently selected Voice starts playing.

Starting with the selected song, the playback of the demo songs will continue in the following sequence: other Voice demo songs, followed by the 50 piano preset songs, and any songs loaded from the computer. The sequence then returns to the first demo song and repeats until you stop it.

Selecting a demo song.

While a demo song is playing, press the [+] or [–] button to select and play the next or previous demo song.

To select a particular demo song from the six Voice demo songs, simultaneously hold down the [DEMO/SONG] button and press one of the C1–F1 keys.



For more information on how to adjust the tempo of demo song playback, see page 21.

Data of the demo songs is not transmitted via MIDI.

2 Press the [DEMO/SONG] button to stop playback.

Demo songs

Key	Voice Name	Title	Composer
C1	Grand Piano 1	"Eintritt" Waldszenen Op.82	R. Schumann
C♯1	Grand Piano 2	Original	Original
D1	E.Piano	Original	Original
D♯1	Harpsichord	Gavotte	J.S.Bach
E1	Church Organ	Original	Original
F1	Strings	Original	Original

"Original" songs are Yamaha originals (©2011 Yamaha Corporation).

Demo songs excluding the original songs are re-arranged excerpts from the original compositions.

Listening to the 50 Piano Preset Songs

This digital piano provides performance data for 50 piano songs as well as the Voice demo songs. You can simply listen to these songs, or you can use the included "50 Greats for the Piano" book, which contains scores for the songs, to practice and learn them.

Song:
On this instrument, performance data is called a "Song." This includes demo songs and 50 piano preset tunes.

1 Select the number of the song that you want to play back from the included "50 Greats for the Piano" book.

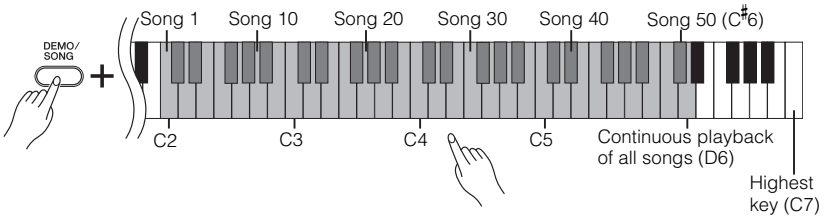
The number of each piano preset song is assigned to the C2–C♯6 keys.

2 While holding down the [DEMO/SONG] button, press one of the C2–C♯6 keys to select and play the desired song.

The selected piano song starts playing.

Starting with the selected song, the playback of the piano preset songs will continue in the following sequence: other piano preset songs, followed by songs loaded from a computer (if any), and then the Voice demo songs. The sequence then returns to the first piano preset song and repeats until you stop it.

To play all preset songs (if any) consecutively in sequence, hold down the [DEMO/SONG] button, and press the D6 key.



While a song is playing, press the [+] or [–] button to change to the next or previous song.

3 Press the [DEMO/SONG] button to stop playback.

You can play the keyboard along with the preset song. You can change the Voice playing on the keyboard.

To adjust the tempo of the preset song playback, see page 21.

The default tempo is automatically selected whenever a new preset song is selected, and when a new preset song begins playback.

When you select a different song (or a different song is selected during chained playback), an appropriate reverb type will be selected accordingly.

Data of the 50 piano preset songs is not transmitted via MIDI.

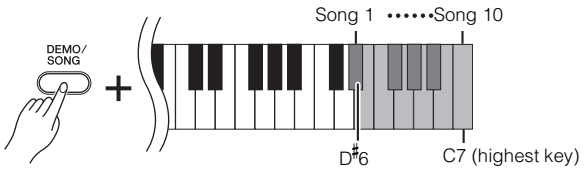
Listening to Songs Loaded from a Computer

You can transfer song data from your computer to this instrument and play back the songs. (See page 26 for more information on loading song data from the computer.)

1 While holding down the [DEMO/SONG] button, press one of the D♯6–C7 keys to select a song to play back.

Song numbers (1 through 10) are assigned to the D♯6–C7 keys (see the illustration below).

The selected song starts playing. Starting with the selected song, playback of the songs loaded from the computer will continue in the following sequence: any other songs loaded from the computer, followed by the demo songs, and the 50 piano preset songs. The sequence then returns to the initial songs loaded from the computer and repeats until you stop it.



While a song is playing, press the [+] or [–] button to change to the next or previous song.

2 Press the [DEMO/SONG] button to stop playback.

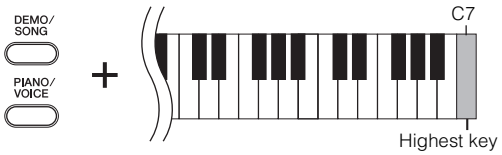
Selecting a Song Playback Channel

If a song loaded from the computer uses a Voice that is not supported by this instrument, the originally assigned Voice may not be reproduced accurately. In this case, switching the song playback channel from "All" to "1 + 2" may improve the playback sound.

Selecting 1 + 2 song playback channels:

While pressing and holding down the [DEMO/SONG] button and the [PIANO/VOICE] button simultaneously, press the C7 key.

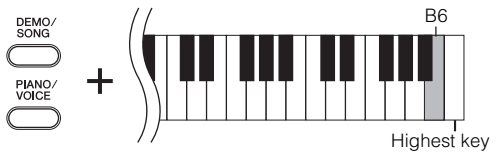
Channels 1 + 2 produce the sound.



Selecting all song playback channels:

While pressing and holding down the [DEMO/SONG] button and the [PIANO/VOICE] button simultaneously, press the B6 key.

All channels 1 through 16 produce the sound.



You can load up to 10 songs or up to 307 KB of data from the computer.

Use the following table to write down the song titles you loaded from the computer.

Key	Song title
D♯6	
E6	
F6	
F♯6	
G6	
G♯6	
A6	
A♯6	
B6	
C7	

Default setting:
Channels 1+2

The "Default setting" refers to the factory setting obtained when you turn on the power to this instrument for the first time.

To adjust the tempo of the song playback, see page 21.

Selecting & Playing Voices

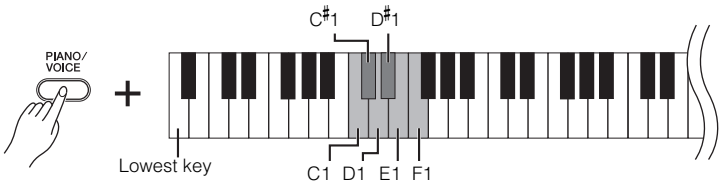
Selecting Voices

Press and release the [PIANO/VOICE] button to select the Grand Piano 1 Voice.

Press and release the [PIANO/VOICE] button, then press the [+] or [–] button to select a different Voice.

To directly select a particular Voice, press and hold down the [PIANO/VOICE] button, and while holding it, press one of the C1–F1 keys.

Turn the [MASTER VOLUME] control to adjust the volume level while playing the keyboard.



To better appreciate the characteristics of various Voices, listen to the demo songs for each Voice (page 13).

Voice:
On this instrument, a Voice means a "tone" or "tonal color."

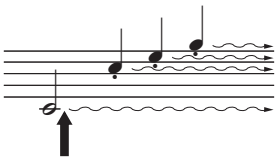
Selecting a Voice automatically calls up the best-suited reverb type and depth (page 18) for that particular Voice.

Key	Voice Name	Description
C1	Grand Piano 1	Recorded samples from a concert grand piano. Perfect for classical compositions as well as any other style that requires acoustic piano.
C♯1	Grand Piano 2	Spacious and clear piano with bright reverb. Good for popular music.
D1	E.Piano	An electronic piano sound created by FM synthesis. Good for popular music.
D♯1	Harpsichord	The definitive instrument for baroque music. Since the strings of a harpsichord are plucked, there is no touch response.
E1	Church Organ	This is a typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
F1	Strings	Spacious and large-scale string ensemble. Try combining this Voice with piano in Dual mode.

Using the Pedals

Damper (Right) pedal

The damper pedal functions in the same way as a damper pedal on an acoustic piano. When the damper pedal is pressed, notes sustain longer. Releasing the pedal immediately stops (damps) any sustained notes.

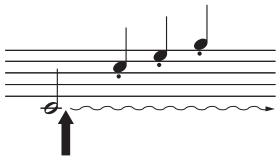


When you press the damper pedal here, the notes you play before you release the pedal sustain longer.

If the damper pedal doesn't work, make sure that the pedal cord is properly plugged into the main unit (page 33).

Sostenuto (Center) pedal

If you play a note or chord on the keyboard and press the sostenuto pedal while the note(s) are held, those notes will sustain as long as you hold the pedal (as if the damper pedal had been pressed) but all subsequently played notes will not be sustained. This makes it possible to sustain a chord, for example, while other notes are played "staccato."



When you press the sostenuto pedal here while holding the note, the note will sustain as long as you hold the pedal.

Organ and string Voices will not decay but continue to sound for as long as the sostenuto pedal is depressed.

Soft (Left) pedal

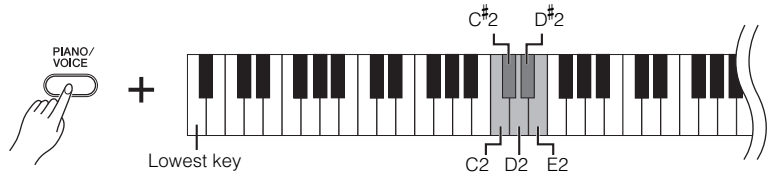
The soft pedal reduces the volume and slightly changes the timbre of notes played while the pedal is pressed. The soft pedal will not affect notes that are already playing when it is pressed.

Adding Variations to the Sound – Reverb

This control enables you to select various digital reverb effects that create a realistic acoustic ambience, adding extra depth and expression to the sound.

Selecting a reverb type

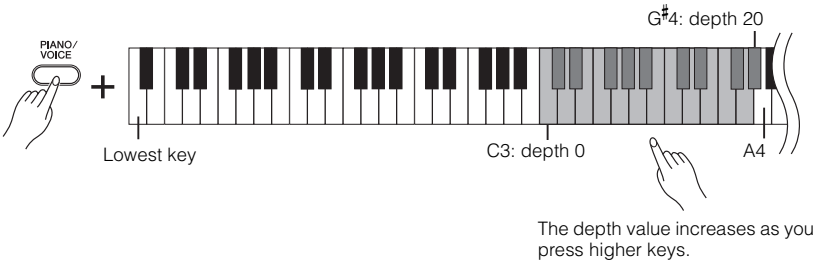
While holding down the [PIANO/VOICE] button, press one of the C2–E2 keys to select a reverb type.



Key	Reverb Type	Description
C2	Room	This setting adds a continuous reverb effect to the sound, similar to the acoustic reverberation you would hear in a room.
C♯2	Hall1	For a "bigger" reverb sound, use the Hall 1 setting. This effect simulates the natural reverberation of a small-size concert hall.
D2	Hall2	For a truly spacious reverb sound, use the Hall 2 setting. This effect simulates the natural reverberation of a large concert hall.
D♯2	Stage	Simulates the reverb of a stage environment.
E2	Off	No effect is applied.

Adjusting reverb depth

Adjust the reverb depth for the selected Voice by pressing one of the C3–G♯4 keys while holding down the [PIANO/VOICE] button. The depth range is from 0 through 20.



While holding down the [PIANO/VOICE] button, press the A4 key to set the reverb to the depth most suitable for the selected Voice.

The default reverb type (including Off) and depth settings are different for each Voice.

Reverb depth range:
0 (no effect)-20 (maximum depth)

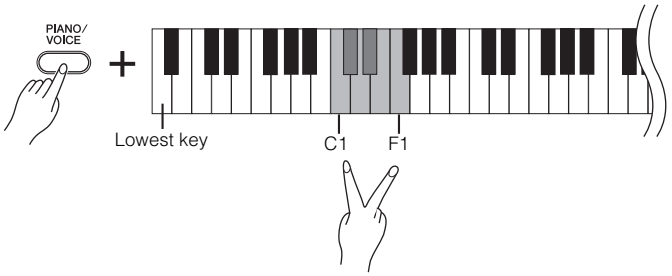
Layering Two Voices (Dual mode)

You can layer two Voices and play them simultaneously to create a thicker and more richly textured sound.

1 Engage Dual mode.

While holding down the [PIANO/VOICE] button, press two keys in the range of C1 through F1 simultaneously (or press and hold down one key, then press another) to select the two desired Voices.

Refer to “Selecting Voices” (page 16) for information on the Voices that are assigned to the keys.



You cannot layer the same Voice in Dual mode. Select the two different Voices.

The Voice assigned to the lower key is designated as Voice 1, and the Voice assigned to the higher key is designated as Voice 2.

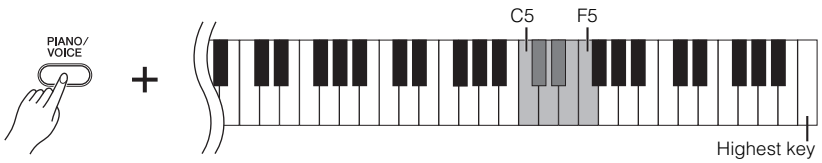
You can make the following settings for Voices 1 and 2 in Dual mode:

Setting the octave

You can shift the pitch up and down in octave steps for Voice 1 and Voice 2 independently.

Depending on which Voices you combine in Dual mode, the combination may sound better if one of the Voices is shifted up or down an octave.

While holding down the [PIANO/VOICE] button, press one of the C5–F5 keys.



Voice 1	C5	–1
	C♯5	0
	D5	+1

Voice 2	D♯5	–1
	E5	0
	F5	+1

Reverb in Dual mode

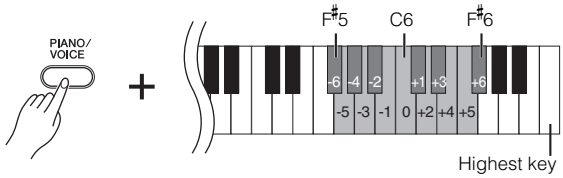
The reverb type assigned to Voice 1 will take priority. (If the reverb assigned to Voice 1 is set to Off, the reverb assigned to Voice 2 will be in effect.)

Setting the balance

You can adjust the volume balance between two Voices. For example, you can set one Voice as the main Voice with a louder setting, and make the other Voice softer.

While holding down the [PIANO/VOICE] button, press one of the F♯5–F♯6 keys. A setting of “0” produces an equal balance between the two Dual mode Voices.

Settings below “0” increase the volume of Voice 2 in relation to Voice 1, and settings above “0” increase the volume of Voice 1 in relation to Voice 2.



2 Exit Dual mode and return to normal play mode.

To return to single-Voice play mode, press the [PIANO/VOICE] button.

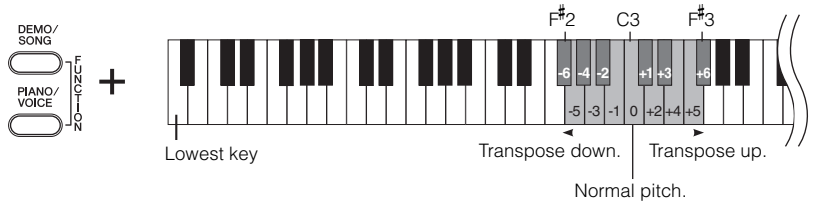
Transposition

Your digital piano's Transpose function makes it possible to shift the pitch of the entire keyboard up or down in semitone intervals up to a maximum of six semitones, and lets you easily match the pitch of the keyboard to the range of a singer or other instruments.

For example, if you set the transposition amount to "5," playing key C produces pitch F. In this way, you can play a song as though it were in C major, and this instrument will transpose it to F major.

Setting the amount of transposition

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press one of the F♯2–F♯3 keys to set the desired amount of transposition.



Transpose:
Changing the key signature. On this instrument, transposing shifts the pitch of the entire keyboard.

To transpose the pitch down (in semitone steps)

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press any key between F♯2 and B2.

To transpose the pitch up (in semitone steps)

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press any key between C♯3 and F♯3.

To restore the normal pitch

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press the C3 key.

Fine-tuning the Pitch

You can fine-tune the pitch of the entire instrument. This function is useful when you play the digital piano along with other instruments or CD music.

Setting the pitch

Raising the pitch (in about 0.2 Hz steps):

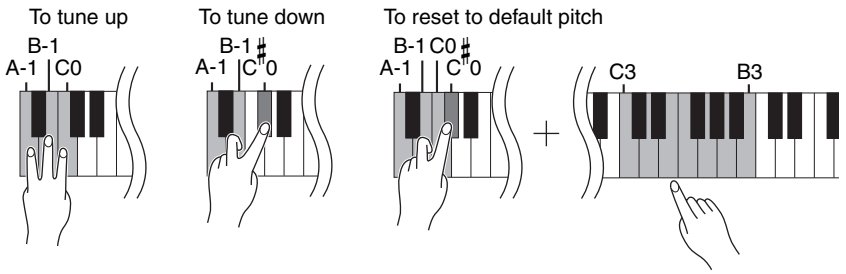
Hold down the A-1, B-1 and C0 keys together and press any key in the range from C3 to B3.

Lowering the pitch (in about 0.2 Hz steps):

Hold down the A-1, B-1 and C#0 keys together and press any key in the range from C3 to B3.

Resetting to the default pitch

Hold down the A-1, B-1, C0 and C#0 keys together and press any key in the range from C3 to B3.



Hz (Hertz):
This unit of measurement refers to the frequency of a sound and represents the number of times a sound wave vibrates in a second.

Setting range:
427.0–453.0 Hz

Standard pitch:
440.0 Hz

Using the Metronome

Your digital piano features a built-in metronome (a device that keeps an accurate tempo) that is convenient for practicing.

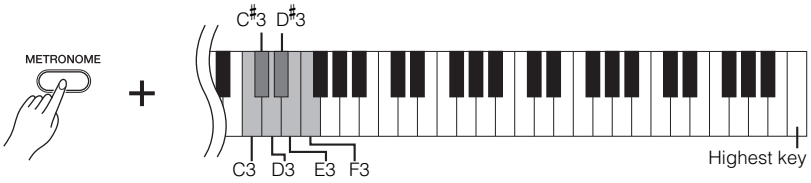
1 Press the [METRONOME] button to turn on the metronome.

Start the metronome.

Determining the time signature

While holding down the [METRONOME] button, press one of the C3–F3 keys.

The first beat is accented with a bell sound and the rest with clicks. The default setting is 0/4 (C3). In this setting, clicks sound in all beats.



Key	Time signature
C3	0/4
C♯3	2/4
D3	3/4
D♯3	4/4
E3	5/4
F3	6/4

Adjusting the tempo

The tempo of the metronome and preset song playback can be set from 32 to 280 beats per minute.

Default setting:
120

Increasing the tempo value in steps of one:

Press and hold down the [METRONOME] button, and press the C♯5 key.

Decreasing the tempo value in steps of one:

Press and hold down the [METRONOME] button, and press the B4 key.

Increasing the tempo value in steps of ten:

Press and hold down the [METRONOME] button, and press the D5 key.

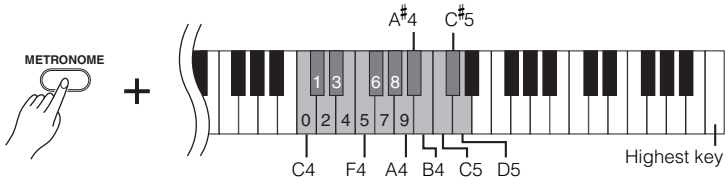
Decreasing the tempo value in steps of ten:

Press and hold down the [METRONOME] button, and press the A♯4 key.

A number is assigned to each of the following keys.

While holding down the [METRONOME] button, press a sequence of the C4–A4 keys to specify a three-digit number.

Select a number starting from the left-most digit. For example, to set the tempo to “95,” press the C4 (0), A4 (9) and F4 (5) keys in sequence.



Resetting the tempo to default:

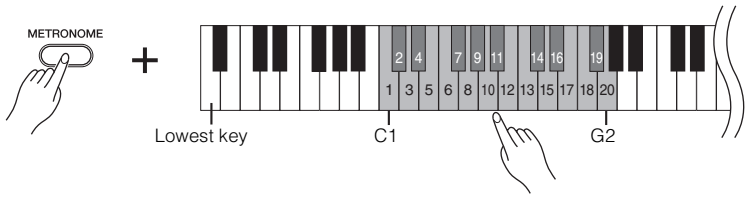
While holding down the [METRONOME] button, press C5 key.

Adjusting the volume

You can change the volume of the metronome sound.

While holding down the [METRONOME] button, press one of the C1–G2 keys to determine the volume.

Setting range:
C1 (1) ~ G2 (20)



The volume level increases as you press higher keys.

2 **Press the [METRONOME] button to stop the metronome.**

Adjusting the Keyboard Touch (Touch Sensitivity)

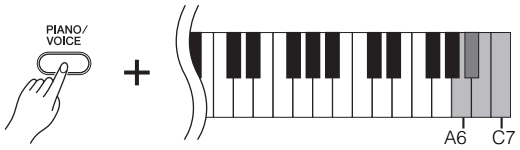
You can adjust how the volume level responds or changes to how strongly you play the keys (keyboard touch). Select an appropriate keyboard touch for the Voices, songs or your taste. (This setting does not change the weight of the keyboard.)

This setting is disabled with some Voices, such as an organ sound.

Default setting:
B6 (Medium)

Key	Touch Sensitivity Setting	Description
A6	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.
A♯6	Soft	The volume level does not change much when you play the keyboard soft or hard.
B6	Medium	This is the standard piano touch response. (This is the default setting.)
C7	Hard	The volume level changes very widely from pianissimo to fortissimo to facilitate dynamic and dramatic expression. You have to hit the keys hard to produce a loud sound.

While holding down the [PIANO/VOICE] button, press one of the A6–C7 keys to select the desired touch sensitivity.



Recording Your Performance

This function enables you to record your performance as a "User Song." Only one User Song is available.
Follow the steps below to record and play back your performance.

Recording Your Performance

1 Make all the initial settings such as Voice and time signature.

Make the Voice settings (pages 16 and 19), time signature (page 21), and any other desired settings (reverb, etc.) as necessary.

Use the [MASTER VOLUME] control to adjust the volume to a comfortable listening level. You can also use the [MASTER VOLUME] control to adjust the volume level during playback.

2 Press the [REC] button to engage the Record Ready mode.

The [REC] button indicator flashes.

Press the [REC] button again if you wish to cancel the Record mode.

3 Start recording.

Recording starts as soon as you play the keyboard.

Alternatively, press the [PLAY] button to start recording.

4 Press the [REC] button to stop recording.

Changing the settings for the recorded user song

Except for the time signature, you can change the initial settings of the recorded User Song. To do this, engage Record mode, change the settings as you desire, then stop recording without playing the keyboard.

For example, if you wish to change the Voice of the user song, press the [REC] button to engage Record mode (see Step 2), then select a different Voice (see Step 1). Without playing the keyboard, press the [REC] button to stop recording (see Step 4).

NOTICE

Be careful not to erase the recorded data.
After you record a performance, the [PLAY] button indicator lights up. When this indicator remains on, recording another performance will erase the recorded data.

You cannot engage Record mode while a demo song is playing.

The User song data is not transmitted via MIDI.

Recording capacity

"Recording capacity" is the maximum amount of performance data that you can record. This instrument's recording capacity is 65 KB (approximately 11,000 notes).

NOTICE

After the recording is stopped in step 4, it may take a short time to store the recorded data, during which the [REC] and [PLAY] lamps are flashing. In this situation, never turn off the power. Otherwise, all recorded data will be lost.

If the metronome was on when you started recording, you'll be able to keep time with the metronome while recording, but the metronome sound will not be recorded.

You can save the recorded user song to a computer. You can also load the user song data from a computer and play it back on this instrument. (See page 26.)

Playing Back Recorded Performance Data

1 Press the [PLAY] button.

The recorded user song starts playing back.

If the user song contains no data, pressing the [PLAY] button will not start playback.

2 Press the [PLAY] button to stop playback.

When the user song finishes playing back, the instrument automatically returns to the previous mode.

To stop playback in the middle of a song, press the [PLAY] button.

Erasing Recorded Performance Data

You can erase the recorded user song.

1 Press the [REC] button to engage the Record Ready mode.

The [REC] button indicator flashes.

Press the **[REC]** button again if you wish to cancel the clear operation.

2 Erase the song.

Press the **[PLAY]** button to start recording. Then, without playing the keyboard, press the **[REC]** button to stop recording.

The recorded user song is erased.

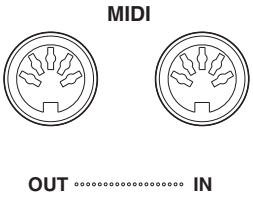
Connecting MIDI Instruments

Your digital piano features MIDI connectors. Using the MIDI functions enables you to expand the musical recording and performance potential of the instrument.

About MIDI

MIDI (Musical Instrument Digital Interface) is a global format standard for performance data transmission and reception between electronic musical instruments.

Connecting musical instruments that support MIDI via MIDI cables enables you to transfer performance and setting data between multiple musical instruments. Using MIDI, you can also achieve more advanced performances than using just a single musical instrument.



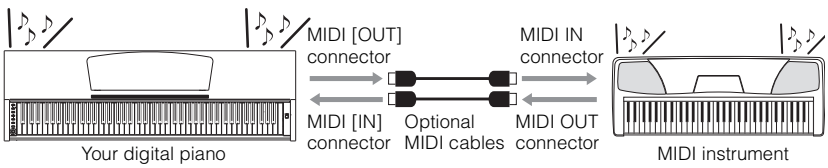
MIDI data that can be transmitted or received varies depending on the type of MIDI devices. Please check the "MIDI Implementation Chart" on the web (please refer to "MIDI Reference" on page 6) to find out what MIDI data and commands your devices can transmit or receive.

You need a dedicated MIDI cable (optional) to make a MIDI connection. MIDI cables are available at most musical instrument stores.

MIDI Applications

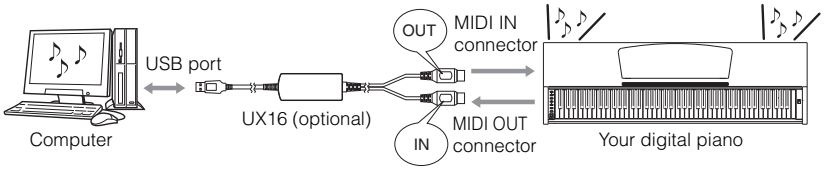
MIDI functions enable you to transfer performance data between MIDI devices, load song data from a connected computer to your instrument, and transmit and save user song data to a computer.

Transferring performance data to and from another MIDI device



You cannot transmit the Voice demo songs, 50 piano preset songs, or user song from this instrument to another MIDI device.

Transferring MIDI data to and from a computer



For more information on the transmission and reception of song data, refer to "Transmitting Song Data between the Computer and the Digital Piano" on page 26.

Connecting the Digital Piano to a Computer

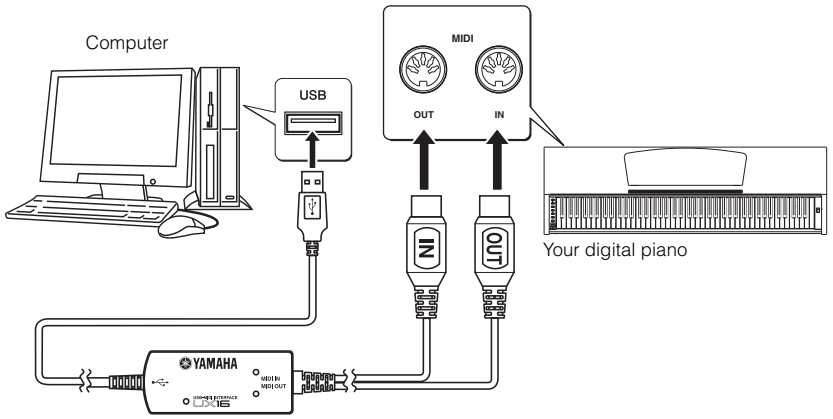
Connecting the digital piano to a computer using the MIDI connectors enables you to transfer MIDI data between the piano and the computer. This connection requires that you have appropriate application software installed on the computer.

Also, installing Musicsoft Downloader on the computer enables you to transfer song data between the piano and the computer (see next section).

Connecting this instrument to the USB port on a computer

Use an optional USB-MIDI interface (such as a Yamaha UX16) to connect this instrument's MIDI connectors to the computer's USB port.

You must install the USB-MIDI driver on the computer correctly so that you can control your MIDI instrument from the computer. The USB-MIDI driver is a software application that enables MIDI signals to be transmitted between the sequence software on the computer and the connected MIDI instrument. For more information, refer to the user's manual that came with the USB interface device.



Before you connect this instrument to a computer, first turn off the power to both this instrument and the computer. After you make the connections, turn on the power to the computer first, then turn on the power to this instrument.

When this instrument is used as a tone generator, performance data with Voices that are not found on this instrument may not be played correctly.

Transmitting Song Data between the Computer and the Digital Piano

In addition to the demo songs and the 50 piano preset songs stored in this instrument, you can play data for another song by loading it from a connected computer.

You can save data from this instrument (such as recorded songs, etc.) to a computer, as well as load saved data back to the instrument from the computer.

To be able to use this function, you must first download Musicsoft Downloader (free software) from Yamaha website at the following URL, and install it on your computer.

http://download.yamaha.com/

Please visit the URL above to get the information on the computer system requirements for Musicsoft Downloader.

For more information on transferring data, please refer to "Transferring Data Between the Computer and Instrument (for unprotected data)" in the Help file that came with Musicsoft Downloader.

SMF (Standard MIDI File)
This file features a popular sequence format (for recording performance data). This file is sometimes called a "MIDI file." The file extension is MID. You can play SMF format songs using music software or a sequencer that supports SMF. This instrument also supports SMF.

Requirements for song data that can be loaded from a computer to this instrument

- Number of songs: Up to 10 songs plus one user song
- Maximum data size: Total 307 KB
- Data format: SMF Format 0 and YDP-135.BUP (user song)

You can play the loaded songs (page 15) and the loaded user song (page 24).

Data you can transfer from this instrument to a computer

- User song : YDP-135.BUP
- Song data (once it has been loaded from the computer)

NOTICE

Do not turn off the power to this instrument or unplug the instrument during data transmission. Otherwise, the data being transmitted will not be saved. Furthermore, flash memory operation may become unstable, causing the entire memory to be erased when you turn the power to the instrument on or off.

While Musicsoft Downloader is operating, the [REC] and [PLAY] button indicators on the piano light up.

Before you use this instrument, close the Musicsoft Downloader window and quit the application.

Do not manually change the file name by using a computer; doing so will render the file unloadable as the user song.

Backing up Data and Initializing the Settings

Backing up data to flash memory

The following items will be stored in flash memory on this instrument. This data will be kept after you turn off the power to the instrument.

Backup data
Metronome volume
Metronome time signature
Touch sensitivity
Tuning
Recorded performance data (user song)

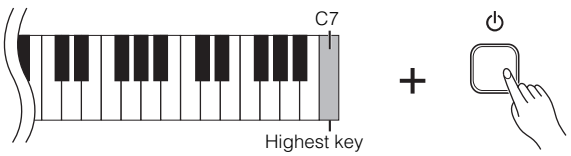
Backup data for metronome volume and time signature, touch sensitivity, and tuning is included in the file named "YDP-135.BUP" and stored in this instrument. You can transfer the backup data between the instrument and a computer.

Initializing the settings

When you initialize the settings, all data, excluding the songs loaded from a computer, will be initialized and reset to the factory default settings.

While holding down the C7 (highest) key, turn on the power to the instrument. The data (excluding the data for the songs loaded from a computer) will be initialized.

If this instrument somehow becomes disabled or malfunctions, turn off the power to the instrument, then perform the initialization procedure.



NOTICE

- Do not turn off the power to this instrument while it is initializing the data in its internal memory (that is, while the [REC] and [PLAY] button indicators are flashing).
- Please note that initializing the settings will erase your recorded song (user song).

MIDI Functions

You can make detailed adjustments to the MIDI settings.

MIDI Transmit/Receive Channel Selection

In any MIDI control setup, the MIDI channels of the transmitting and receiving equipment must be matched for proper data transfer.

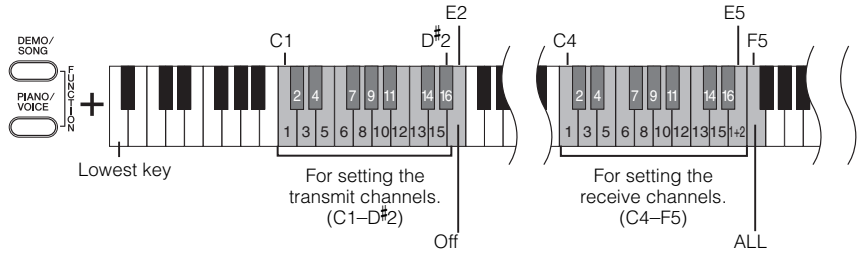
This parameter enables you to specify the channel on which the digital piano transmits or receives MIDI data.

Setting the transmit channel

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press one of the C1–E2 keys.

Setting the receive channel

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press one of the C4–F5 keys.



When MIDI receive channel is set to ALL:

A "Multi-timbre" Receive mode is available. In this mode, this instrument receives different parts from the connected MIDI device on any or all 16 MIDI channels and plays multi-channel song data.

When MIDI receive channel is set to 1+2:

A "1+2" Receive mode is available. It allows simultaneous reception on channels 1 and 2 only, enabling this instrument to play 1 and 2 channel song data received from a music computer or sequencer.

In Dual mode, Voice 1 data is transmitted on its specified channel and Voice 2 data is transmitted on the next greater channel number relative to the specified channel. In this mode, no data is transmitted if the transmit channel is set to "Off."

Program change and other like channel messages received will not affect this instrument's panel settings or the notes you play on the keyboard.

Data for the demo song, 50 piano preset songs and user song cannot be transmitted via MIDI.

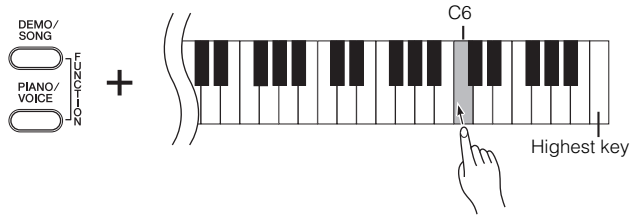
Local Control On/Off

"Local Control" refers to the fact that, normally, the keyboard of this digital piano controls its internal tone generator, allowing the internal Voices to be played directly from the keyboard. This status is called "Local Control On," since the internal tone generator is controlled locally by its own keyboard.

Local control can be turned Off, however, so that the keyboard of this digital piano does not play the internal Voices, but the appropriate MIDI information is still transmitted via the MIDI [OUT] connector when notes are played on the keyboard. At the same time, the internal tone generator responds to MIDI information received via the MIDI [IN] connector.

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press the C6 key.

Pressing the C6 key repeatedly toggles between Local Control On and Off.



When Local control is turned Off, playing the keyboard of this instrument does not sound the internal Voices.

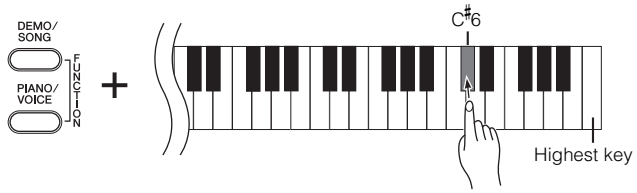
Default setting: On

Program Change On/Off

Normally this instrument will respond to MIDI program change numbers received from an external keyboard or other MIDI device, causing the correspondingly numbered Voice to be selected on the relevant channel (the keyboard Voice does not change). This instrument will normally also send a MIDI program change number whenever one of its Voices is selected, causing the correspondingly numbered Voice or program to be selected on the external MIDI device if the device is set up to receive and respond to MIDI program change numbers.

This function makes it possible to cancel program change number reception and transmission so that Voices can be selected on this instrument without affecting the external MIDI device.

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press the C♯6 key. Pressing the C♯6 key repeatedly toggles between Program Change On and Off.



For information on program change numbers for each Voice, check the MIDI Data Format on the web (please refer to “MIDI Reference” on page 6).

Control Change On/Off

MIDI Control Change data refers to MIDI information related to performance expression (such as damper pedal information).

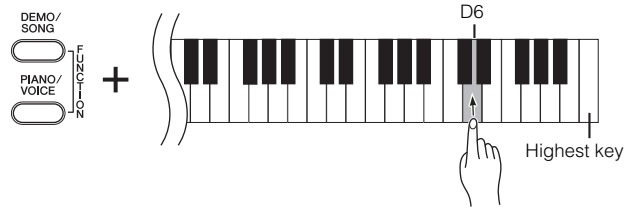
You can transmit MIDI Control Change data from this instrument to control the operation of the connected MIDI device. (For example, if you operate this instrument’s damper pedal, this instrument will transmit MIDI Control Change data.)

In addition, MIDI performance data of this instrument responds to MIDI Control Change data received from the connected MIDI device. (At this time, the Voice you are playing on the keyboard will not be affected by the Control Change data.)

The ability to transmit and receive MIDI Control Change data is sometimes very useful. Turn Control Change On if it is convenient for you to have this capability. Turn Control Change Off if you intend not to use it.

While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press the D6 key. Pressing the D6 key repeatedly toggles between Control Change On and Off.

Default setting: On



For information on Control Change data that can be used with this instrument, check the MIDI Data Format on the web (please refer to “MIDI Reference” on page 6).

Troubleshooting

Problem	Possible Cause and Solution
This instrument does not turn on.	This instrument has not been plugged in properly. Securely insert the adaptor plug into the socket on this instrument, and the adaptor plug into a proper AC outlet (page 33).
Noise from the speakers or headphones is audible.	The noise may be due to interference caused by the use of a mobile phone in close proximity to this instrument. Turn off the mobile phone, or move it further away from this instrument.
The overall volume is low, or no sound is heard.	The Master Volume is set too low. Set it to an appropriate level using the [MASTER VOLUME] control.
	Make sure a pair of headphones is not connected to the headphones jack (page 12).
	Make sure that Local Control (page 28) is On.
The damper pedal has no effect.	The pedal cord may not be securely connected to the [PEDAL] jack. Be sure to insert the pedal cord all the way until the metal part of the cord plug disappears from view (page 33).

Options (May not be available depending on your locale.)

BC-100 Bench
A comfortable bench styled to match your Yamaha digital piano.

UX16
USB-MIDI interface

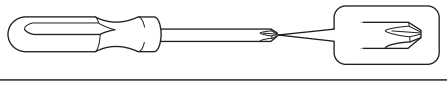
HPE-150
Headphones

Keyboard Stand Assembly

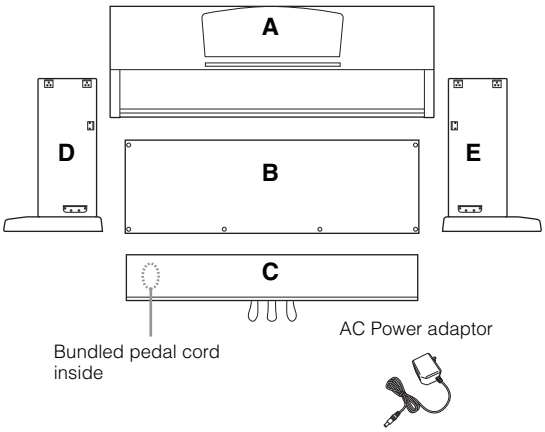
⚠CAUTION

- Be careful not to confuse parts, and be sure to install all parts in the correct direction. Please assemble in accordance with the sequence given below.
- Assembly should be carried out by at least two persons.
- Assemble the stand on a hard and flat floor with ample space.
- Be sure to use the included screws only, and insert screws of the correct size in the correct hole locations. Use of incorrect screws can cause damage or malfunction of the product.
- Be sure to tighten up all screws upon completing assembly of each unit.
- To disassemble, reverse the assembly sequence given below.

Have a Phillips-head (+) screwdriver ready for tightening the screw securely.



Remove all parts from the package and make sure you have all of the items.



Assembly Parts

❶ 6 × 20 mm long screws × 4

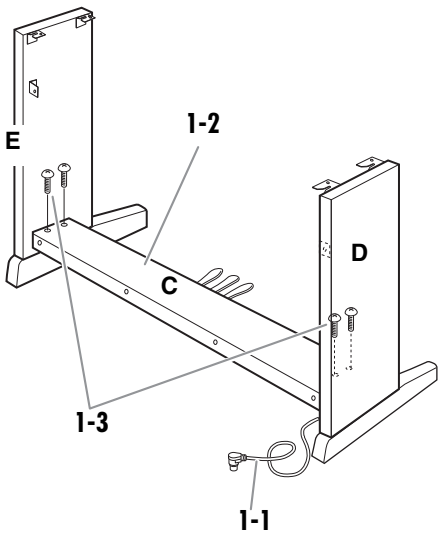
❷ 6 ×16 mm short screws × 4

❸ 4 ×12 mm thin screws ×2

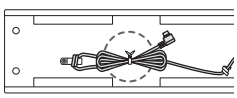
❹ 4 × 20 mm tapping screws ×4

Cord holders × 2

1 Attach (finger-tighten) C to D and E.



1-1 Untie and straighten out the bundled pedal cord. Don't discard the vinyl tie. You will need it later in step 6.



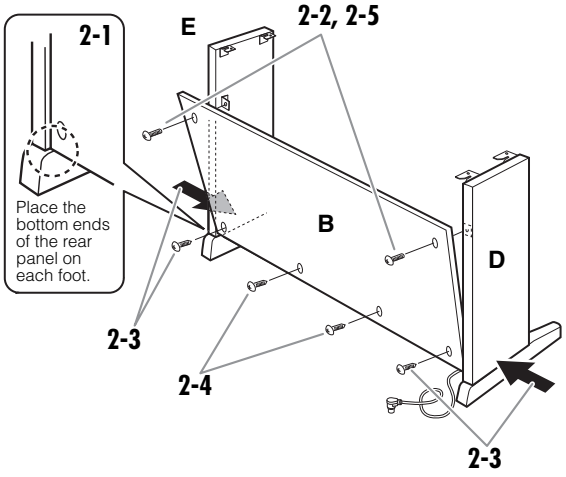
1-2 Align D and E with each end of C.

1-3 Attach D and E to C by finger-tightening the long screws ❶ (6 × 20mm).

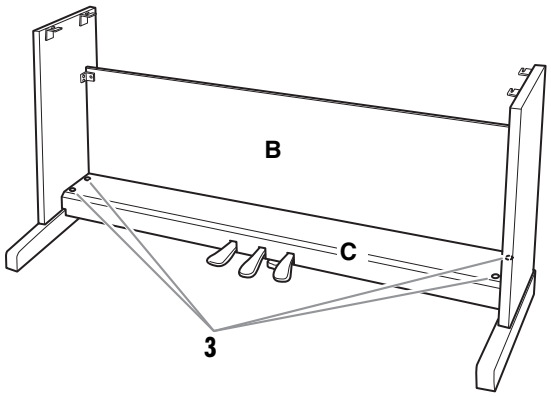
2 Attach B.

Depending on the model of digital piano you purchased, the surface color of one side of B may be different from the other side. In this case, position B so that the side of the surface color similar to D and E faces the player.

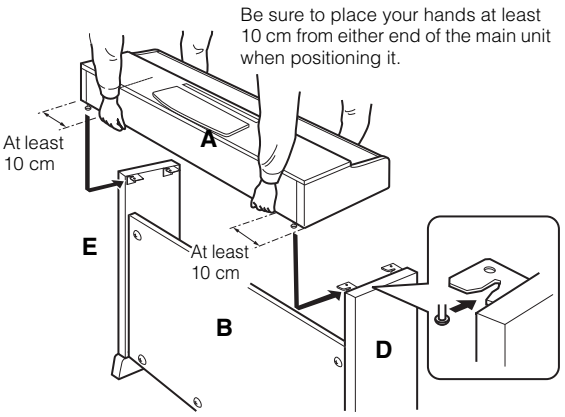
- ***2-1*** Place the lower side of B on each foot of D and E, then attach the upper side to D and E.
- ***2-2*** Attach the top of B to D and E by finger-tightening the thin screws ❸ (4 × 12mm).
- ***2-3*** While pushing the lower part of D and E from outside, secure the bottom ends of B using two tapping screws ❹ (4 × 20mm).
- ***2-4*** Insert the other two tapping screws ❹ (4 × 20mm) into the other two screw holes to secure B.
- ***2-5*** Securely tighten the screws on the top of B that were attached in Step 2-2.



3 Securely tighten the screws on C that were attached in Step 1-3.



4 Mount A.

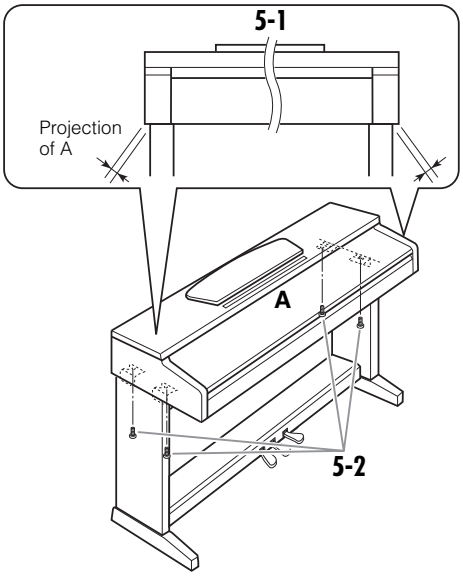


⚠CAUTION

- Since your fingers can become pinched between the main unit and the rear or side panels, be extra careful so as not to drop the main unit.
- Do not hold the keyboard in any position other than the position shown in the illustration.

5 Secure A.

- ***5-1*** Adjust the position of A so that the left and right ends of A will project beyond D and E equally when seen from the front.
- ***5-2*** Secure A by tightening the short screws ❷ (6 × 16mm) from the front.

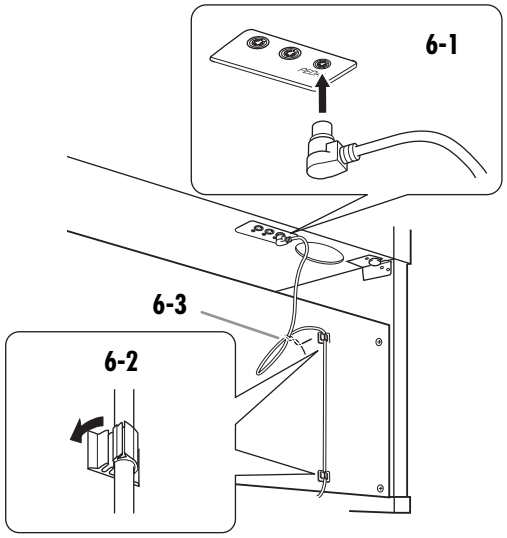


6 Connect the pedal cord.

6-1 Insert the pedal cord plug to the [PEDAL] jack from the rear.

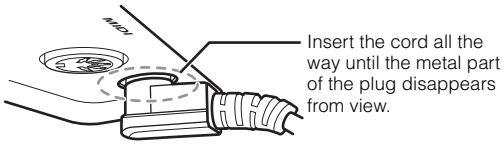
6-2 Attach the cord holders to the rear panel as shown, then clip the cord into the holders.

6-3 Use a vinyl tie to take up any slack in the pedal cord.



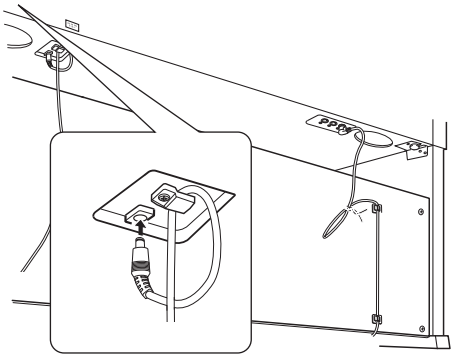
■ Connecting the pedal cord

Insert the pedal cord securely until the metal part of the cord plug disappears from view. Otherwise, the pedal may not function properly.



7 Connect the power adaptor to the unit.

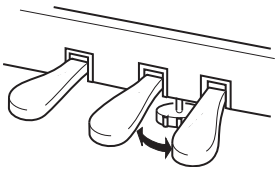
7-1 Connect the DC plug of the power adaptor to the DC IN jack, and loop any cord slack onto the cord hook so that the plug will not be disconnected accidentally.



⚠CAUTION

Do not bend the cord tightly when you hang the cord on the cord hook. Otherwise, a short-circuit or fire may result.

8 Set the adjuster.

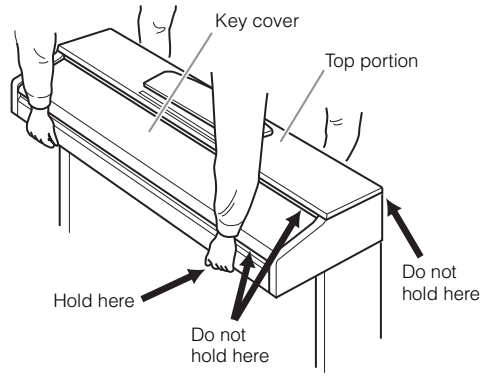


Rotate the adjuster until it comes in firm contact with the floor surface.

■ After completing the assembly, please check the following.

- Are there any parts left over?
  → Review the assembly procedure and correct any errors.
- Is this instrument clear of doors and other movable fixtures?
  → Move the instrument to an appropriate location.
- Does this instrument make a rattling noise when you shake it?
  → Tighten all screws.
- Does the pedal box rattle or give way when you step on the pedals?
  → Turn the adjuster so that it is set firmly against the floor.
- Are the pedal and power cords inserted securely into the sockets?
  → Check the connection.
- If the main unit creaks or is otherwise unsteady when you play on the keyboard, refer to the assembly diagrams and retighten all screws.

When moving the instrument after assembly, always hold the bottom of the main unit.



⚠CAUTION

Do not hold the key cover or top portion. Improper handling can result in damage to the instrument or personal injury.

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Specifications

Size/Weight	Width		1357 mm [53-7/16"]
	Height (with music rest)		815 mm [32-1/16"] (969 mm [38-1/8"])
	Depth		422 mm [16-5/8"]
	Weight		37 kg (81 lbs., 9 oz)
Control Interface	Keyboard	Number of Keys	88
		Type	GHS (Graded Hammer Standard) keyboard with matte black keytops
		Touch Sensitivity	Hard/Medium/Soft/Fixed
	Pedal	Number of Pedals	3
		Functions	Damper , Sostenuto, Soft
	Panel	Language	English
Cabinet	Key Cover		Sliding
	Music Rest		Yes
Voices	Tone Generation	Tone Generating Technology	AWM Stereo Sampling
	Polyphony	Number of Polyphony (max.)	64
	Preset	Number of Voices	6
Effects	Types	Reverb	Yes
	Part	Dual	Yes
Songs	Preset	Number of Preset Songs	6 Demo Songs, 50 Piano Preset Songs
	Recording	Number of Songs	1
		Number of Tracks	1
		Data Capacity	One Song 65 KB (approx.11,000 notes)
		Recording Function	Yes
	Data Format	Playback	Original Format, Standard MIDI File (SMF) Format 0
		Recording	Original Format
Functions	Overall Controls	Metronome	Yes
		Tempo Range	32 - 280
		Transpose	–6 - 0 - +6
		Tuning	Yes
Storage and Connectivity	Storage	Internal Memory	User song : One song 65 KB Loading song data from a computer : Up to 10 songs; total maximum size 307 KB
	Connectivity	Headphones	×2
		MIDI	IN/OUT
Amplifiers and Speakers	Amplifiers		6W×2
	Speakers		Oval (12 cm × 6 cm) × 2
Power Consumption			18 W
Accessories			Owner's Manual, 50 Greats for the Piano (Music Book), Quick Operation Guide, Bench (included or optional depending on locale), Online Member Product User Registration AC Power Adaptor (included or optional depending on locale) PA-150 or an equivalent

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