YAMAHA

ARIUS

YDP-161
YDP-141

Owner's Manual

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

IMPORTANT — Check your power supply — (YDP-161)
Make sure that your local AC mains voltage matches the voltage specified on the name plate on the bottom panel. In some areas a voltage selector may be provided on the bottom panel of the main keyboard unit near the power cord. Make sure that the voltage selector is set for the voltage in your area. The voltage selector is set at 240V when the unit is initially shipped.
To change the setting use a "minus" screwdriver to rotate the selector dial so that the correct voltage appears next to the pointer on the panel.

EN

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

Important Notice: Guarantee Information for customers in EEA* and Switzerland — English
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 (next page). * EEA: European Economic Area

Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz — Deutsch
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 (nächste Seite). *EWR: Europäischer Wirtschaftsraum

Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse — Français
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 (page suivante). * EEE : Espace Economique Européen

Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland — Nederlands
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 (volgende pagina). * EER: Europese Economische Ruimte

Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza — Español
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 local de Yamaha en su país (página siguiente). * EEE: Espacio Económico Europeo

Aviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera — Italiano
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 (pagina seguente). * EEA: Area Economica Europea

Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça — Português
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 (próxima página). * AEE: Área Econômica Européia

Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία — Ελληνικά
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 (επόμενη σελίδα). * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος

Viktigt: Garantiinformation för kunder i EES-området* och Schweiz — Svenska
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 (nästa sida). * EES: Europeiska Ekonomiska Samarbetsområdet

Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits — Norsk
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 (neste side). *EØS: Det europeiske økonomiske samarbeidsområdet

Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz — Dansk
De kan finde detaljeret 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 representationskontor i det land, hvor De bor (næste side). * EØO: Det Europæiske Økonomiske Område

Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille — Suomi
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 (seuraavalla sivulla). *ETA: Euroopan talousalue

Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii — Polski
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 (następna strona). * EOG — Europejski Obszar Gospodarczy

Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku — Česky
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 (další stránka). * EHS: Evropský hospodářský prostor

Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára — Magyar
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 (következő oldal). * EGT: Európai Gazdasági Térség

Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele — Eesti keel
Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval printidav fail) või pöörduge Teie regiooni Yamaha esinduse poole (järgmine lehekülg). * EMP: Euroopa Majanduspiirkond

Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē — Latviešu
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 (nākamā lappuse). * EEZ: Eiropas Ekonomikas zona

Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje — Lietuvių kalba
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 (kitas puslapis). *EEE – Europos ekonominė erdvė

Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku — Slovenčina
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 (nasledujúca strana). * EHP: Európsky hospodársky priestor

Pomembno obvestilo: Informacije o garanciji za kupce v EGP* v Švici — Slovenščina
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 (naslednja stran). * EGP: Evropski gospodarski prostor

Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария — Български език
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 (следваща страница). * ЕИП: Европейско икономическо пространство

Notificare importantă: Informaţii despre garanţie pentru clienţii din SEE* şi Elveţia — Limba română
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 (pagina următoare). * SEE: Spaţiul Economic European

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

URL_3

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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/Power cord/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.

- (YDP-141)Use the specified adaptor (page 38) only. Using the wrong adaptor can result in damage to the instrument or overheating.

- (YDP-161)Use only the supplied power cord/plug.

- 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/Power cord/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.

- 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.

YDP-141

Even when the power switch is in the "Standby" position, 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.

YDP-161/141

The serial number of this product may be found on the bottom of the unit. 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 this Owner's Manual

Thank you for purchasing the Yamaha Digital Piano! We recommend that you read this manual carefully so that you can take full advantage of the advanced and convenient functions of your new digital piano.

We also recommend that you keep this manual in a safe, convenient place for future reference.

The following instructional materials come with your digital piano

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-161, for example) in the Model Name area to search the manuals.

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

📄 **Data List**
     The Data List 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.

NOTICE

To avoid the possibility of damage to the product, data or other property, 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, TV, or radio 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.

- 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

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■ 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.

- Windows is a registered trademark of Microsoft(R) Corporation in the United States and other countries.

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Table of Contents

Introduction

Reference

Appendix

Features

■ **AWM Dynamic Stereo Sampling**

The Yamaha YDP-161/141 digital piano offers a rich and versatile range of sounds, which are created using Yamaha's proprietary sampling tone-generation system, "AWM Dynamic Stereo Sampling."

The AWM (Advanced Wave Memory) is a sampling system which creates sound close to that of an acoustic instrument by using digital technology to record the instrument sound and applying high-quality digital filter technology to the recorded audio samples.

The waveform of the sound created by playing the key of an acoustic piano differs depending on the playing strength from pianissimo to fortissimo. The AWM Dynamic Stereo Sampling can produce such dynamic nuances by recording samples of various playing strengths. The greater the number of samples used, the higher the expressive quality and potential becomes.

■ **GH (Graded Hammer) keyboard and GHS (Graded Hammer Standard) keyboard**

A special Graded Hammer keyboard on the YDP-161, and Graded Hammer Standard keyboard on the YDP-141, feature graded key weight and response throughout the keyboard range. They respond to a heavier touch in the low range of the keyboard and a lighter touch in the higher range of the keyboard, thus providing natural grand-piano type playability.

The Graded Hammer keyboard also offers superb playability for tremolo and other repetitive-striking techniques.

■ **Useful function for practicing**

Your digital piano features a Part Cancel Function. You can record your left-hand and right-hand parts, and then play them separately; left- and right-hand part. You can also practice a one-hand part while playing the other-hand part from one of the 50 preset songs.

A built-in metronome is a convenient practice tool to help you develop accurate timing.

Accessories

- ❏ Owner's Manual (this book)
- ❏ Quick Operation Guide (separate sheet)
- ❏ "50 Greats for the Piano" (music book)
- ❏ My Yamaha Product User Registration[1]

- ❏ Bench[2]
- ❏ AC Power cord (YDP-161)
- ❏ AC Power adaptor (YDP-141)[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

Rear side

MIDI   PEDAL

Right (higher key side)   Left (lower key side)

OUT ··············· IN

⓫   ⓬

Front (keyboard side)

PHONES

Front (keyboard side)
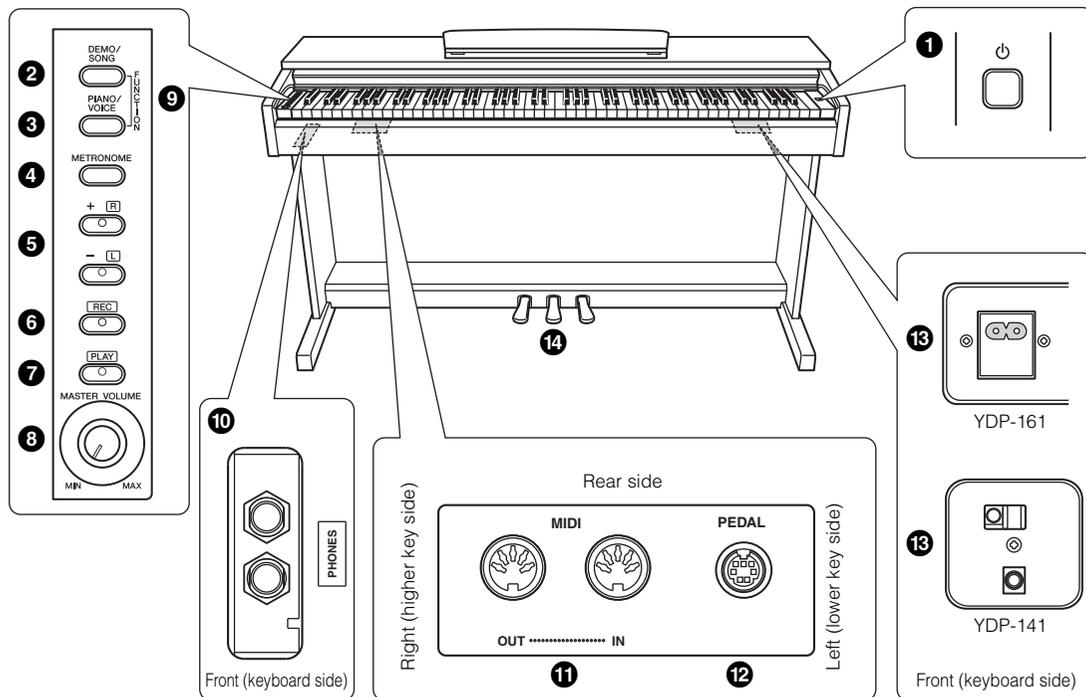
YDP-161

YDP-141

❶ **[⏻] switch .... page 11**

Power switch(YDP-161) / Standby/On switch(YDP-141)

This switch turns the power to the unit on (▃▃) or off (YDP-161), standby (YDP-141) (▃▃).

❷ **[DEMO/SONG] button .... page 13**

Listen to the playback of a demo song for each voice and 50 piano preset songs.

❸ **[PIANO/VOICE] button .... page 16**

This button enables you to select any voice from10 (YDP-161) or 6 (YDP-141) voices. You can also layer two voices, or select a type of reverb.

❹ **[METRONOME] button.......................... page 21**

Control the metronome functions.

❺ **[+ R], [− L] buttons ....page 13, 16, 23**

These buttons enable you to select a preset song to play back. They also enable you to change the voice or tempo.

During song playback, pressing the [+ R] or [− L] button while holding down the [PLAY] button will toggle a part in the song on or off.

❻ **[REC] button .... page 23**

Record your performance.

❼ **[PLAY] button ....page 25**

Play back your recorded performance.

❽ **[MASTER VOLUME] control.................page 12**

Adjust the volume level using this control.

❾ **[FUNCTION] ....page 20, 30**

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

❿ **[PHONES] jack.....................................page 12**

A set of standard stereo headphones can be plugged in here for private practice.

⓫ **MIDI [IN] [OUT] terminals ....page 27**

Connect a MIDI device to this connector to use various MIDI functions.

⓬ **[PEDAL] jack ....page 35**

Connect the pedal cord.

⓭ **[AC IN] (YDP-161),
DC IN (YDP-141) jack............................page 35**

(YDP-161) Connect the included power cord here.

(YDP-141) Connect the included power adaptor here.

⓮ **Pedals ....page 17**

Use these pedals when you want notes to sustain longer or to sound softer and round.

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.
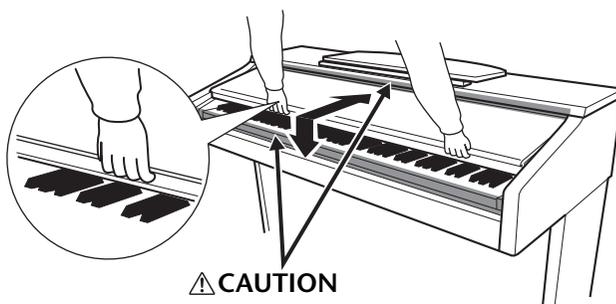
⚠**CAUTION**

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.
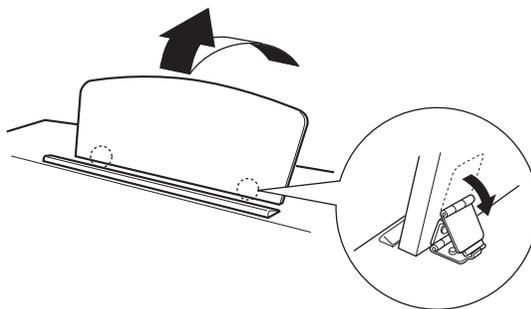
To lower the music rest:

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.
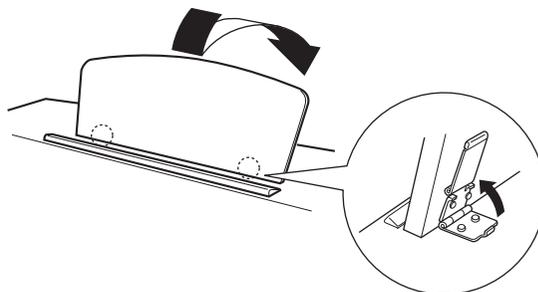
⚠**CAUTION**

- 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 [⏻] switch is turned off.

2 Make sure that the power cord is connected to the rear panel connector (page 35).

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

4 Press the [⏻] 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.

[⏻] switch
(YDP-161) Power switch
(YDP-141) Standby/On switch
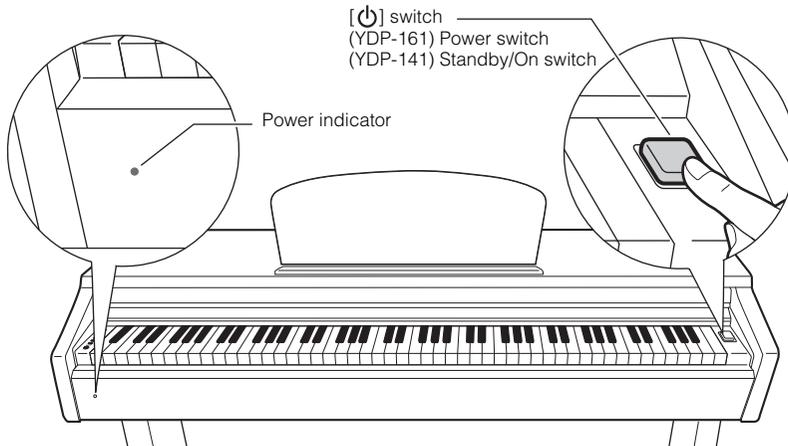
Power indicator

Press the [⏻] switch again to turn off the power to the unit.

The power indicator turns off.

⚠WARNING (YDP-161)

• Make sure your digital piano is rated for the AC voltage supplied in the area in which the piano will be used. (The voltage rating appears on the name plate on the bottom panel). In some areas, a voltage selector may be provided on the bottom panel of the main keyboard unit near the power cord. Make sure that the voltage selector is set for the voltage in your area. Connecting the unit to an inappropriate AC supply can seriously damage the internal circuitry and may even pose a shock hazard!

• Use only the AC power cord supplied with the instrument. If the supplied power cord is lost or damaged and needs to be replaced, contact your Yamaha dealer. The use of an inappropriate replacement can pose a fire and shock hazard!

• The type of AC power cord provided with the instrument may be different depending on the country in which the instrument was purchased. (In some areas a plug adaptor may be provided to match the pin configuration of the AC wall outlets in your area.) Do NOT modify the plug provided with the instrument. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

⚠WARNING (YDP-141)

• 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 (YDP-161/141)

• A small amount of electrical current remains even after the [⏻] 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, 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.

MASTER VOLUME

The level decreases. ← → The level increases.

MIN   MAX
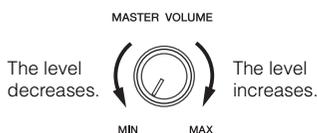
⚠CAUTION

• 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 this jack.

⚠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.

Using the headphone hanger (for YDP-161 only)

You can hang the headphones on this instrument. Refer to "Keyboard Stand Assembly" on page 36 for instructions on installing the headphone hanger.

NOTICE

Do not hang anything other than the headphones on the hanger. Otherwise, this instrument or the hanger may be damaged.

Bottom of the keyboard

PHONES

Standard stereo phone plug
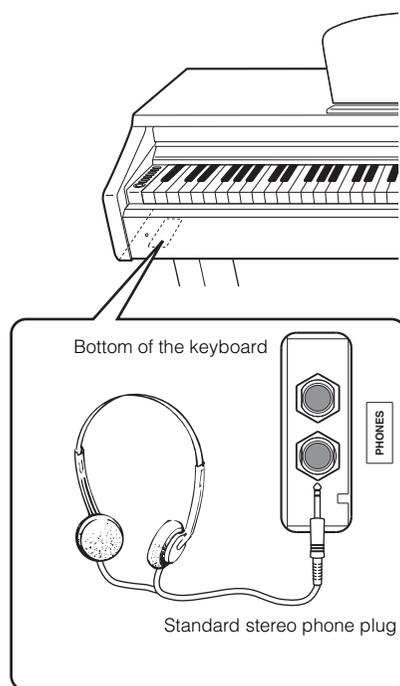
Listening to the Demo Songs

Demo songs are provided that effectively demonstrate each of this instrument's voices.

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

The [PLAY] button indicator lights up, and 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 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 [+ R] or [− L] button to select and play the next or previous demo song.

If you wish to select a particular demo song from 10 (YDP-161) or 6 (YDP-141) voice demo songs, press and hold down the [DEMO/SONG] button, then press one of the C1–A1 (YDP-161) or C1–F1 (YDP-141) keys.
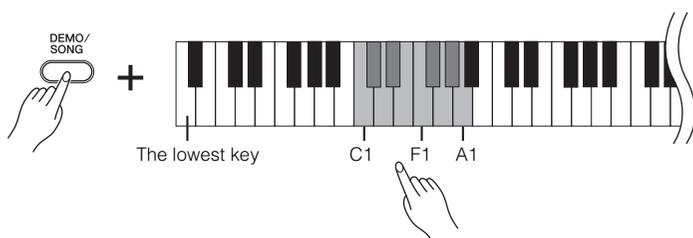
The lowest key   C1   F1   A1

The demo songs will not be transmitted via MIDI.

Demo songs cannot be used with the Part select function.

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

The [PLAY] button indicator turns off.

Demo songs

YDP-161		YDP-141		Title	Composer
Key	Voice Name	Key	Voice Name		
C1	Grand Piano 1	C1	Grand Piano 1	Salut d'amour, op.12	E. Elagr
C#1	Grand Piano 2	C#1	Grand Piano 2	Original	Original
D1	E.Piano 1	D1	E.Piano	Original	Original
D#1	E.Piano 2			Original	Original
E1	Harpsichord 1	D#1	Harpsichord	Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV.1058	J.S.Bach
F1	Harpsichord 2			Gigue, Französische Suiten Nr.5, BWV.816	J.S.Bach
F#1	Vibraphone			Original	Original
G1	Church Organ 1	E1	Church Organ	Herr Christ, der ein'ge Gottes-Sohn, BWV.601	J.S.Bach
G#1	Church Organ 2			Triosonate Nr.6, BWV.530	J.S.Bach
A1	Strings	F1	Strings	Original	Original

"Original" songs are Yamaha originals (©2010 Yamaha Corporation).

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

Listening to 50 Piano Preset Songs

This digital piano provides performance data for 50 piano songs as well as voice demo songs. You can simply listen to these songs. You can also refer to the included "50 Greats for the Piano" that contains scores for 50 piano preset songs.

1 Pick the number of the song that you want to play back from the included "50 Greats for the piano."

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 a song to play back.

The [PLAY], [+ R] and [− L] button indicators light up, and 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 voice demo songs. The sequence then returns to the first piano preset song and repeats until you stop it.

To play all preset songs and songs loaded from the computer (if any) consecutively in sequence, hold down the [DEMO/SONG] button, and press the D6 key.
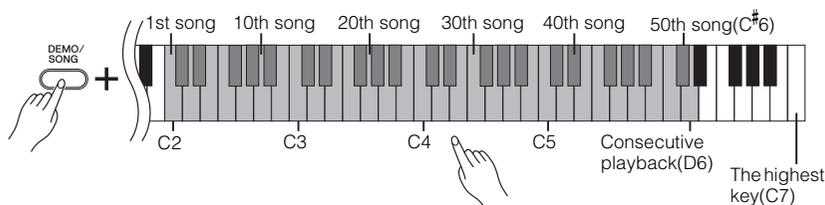
While a song is playing, press the [+ R] or [− L] button to change to the next or previous song.

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

The [PLAY], [+ R] and [− L] button indicators turn off.

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

Turning part playback on and off
The 50 preset songs feature independent left-hand and right-hand parts. You can focus on practicing one of the parts on the keyboard while playing back only the other part.(page 26)

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

For more information on how 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.

The 50 piano preset songs will not be transmitted via MIDI.

Listening to Songs Loaded from the Computer

You can transfer song data from your computer to this instrument and play back the songs. (See page 28 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 [PLAY], [+ R] and [− L] button indicator lights up, and the selected song starts playing.Starting with the selected song, the playback of the songs loaded from the computer will continue in the following sequence: any other songs loaded from the computer, followed by demo songs, and 50 piano preset songs. The sequence then returns to the first songs loaded from the computer and repeats until you stop it.
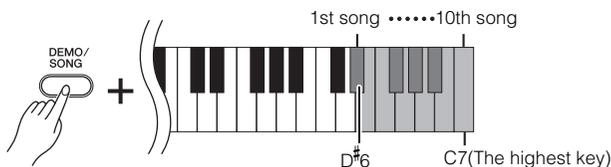
While a song is playing, press the [+ R] or [− L] button to change to the next or previous song.

2 Press the [DEMO/SONG] or [PLAY] 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 tone to more natural 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 will produce the sound.
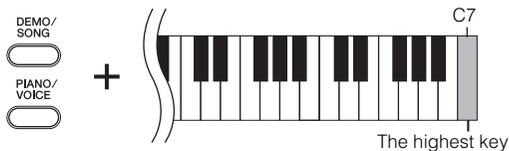
Selecting all song playback channels:

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

All channels 1 through 16 will produce the sound.
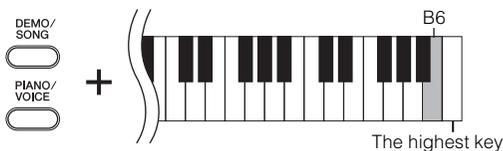
You can load up to 10 songs or up to 845 KB of data from the computer.

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	

Turning part playback on and off
You can focus on practicing one of the parts on the keyboard while playing back only the other part.(page 26)

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.

When "1&2" is selected, channels 3 – 16 will be transmitted via MIDI.

When "ALL" is selected, no channel will be transmitted via MIDI.

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 [+ R] or [− L] button to select a different voice.

If you wish to select a particular voice directly, press and hold down the [PIANO/VOICE] button, then press one of the C1–A1 (YDP-161) or C1–F1 (YDP-141) keys.

Turn the [MASTER VOLUME] control to adjust the volume level while playing the keyboard.
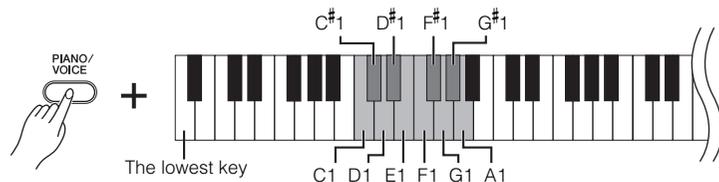
To understand the characteristics of various voices, listen to demo songs for each voice (page 13).

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

Selecting a voice automatically engages the best-suited reverb type and depth (page 18) for that particular voice.

YDP-161

Key	Voice Name	Description
C1	Grand Piano 1	Recorded samples from a full 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 1	An electronic piano sound created by FM synthesis. Good for popular music.
D#1	E.Piano 2	The sound of an electric piano using hammer-struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
E1	Harpsichord 1	The definitive instrument for baroque music. Since the strings of a harpsichord are plucked, there is no touch response.
F1	Harpsichord 2	Mixes the same voice an octave higher for a more brilliant tone.
F#1	Vibraphone	The sound of a vibraphone played with relatively soft mallets.
G1	Church Organ 1	This is a typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
G#1	Church Organ 2	This is the organ's full coupler sound, often associated with Bach's "Toccata and Fugue".
A1	Strings	Spacious and large-scale string ensemble. Try combining this voice with piano in DUAL mode.

YDP-141

Key	Voice Name	Description
C1	Grand Piano 1	Recorded samples from a full 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.

The damper pedal features a half-pedal function.
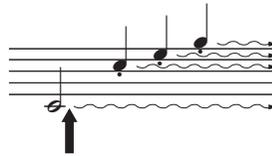
When you press the damper pedal here, the notes you play before you release the pedal sustain longer.

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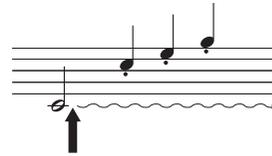
When you press the sostenuto pedal here while holding the note, the note will sustain as long as you hold the pedal.

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.

If the damper pedal doesn't work, make sure that the pedal cord is properly plugged into the main unit (page 35).

What is the half-pedal function?
This function allows the sustain length to vary depending on how far the pedal is pressed. The farther you press the pedal, the more the sound sustains. For example, if you press the damper pedal and all notes you are playing sound a bit murky and loud with too much sustain, you can release the pedal half way to subdue the sustain (murkiness)

Organ and string voices will continue to sound for as long as the sostenuto pedal is depressed.

Damper Resonance (YDP-161)

The Damper Resonance effect simulates the sustain sound of the damper pedal on a grand piano, as if you were pressing the damper pedal and playing the keyboard. This effect is applied to the entire sound of the instrument.

Turning the Damper Resonance effect on or off

Default setting: ON

While holding down the [PIANO/VOICE] button, press the G#2 key to turn Damper Resonance "ON".

While holding down the [PIANO/VOICE] button, press the G2 key to turn Damper Resonance "OFF".

PIANO/
VOICE

+

The lowest key

G2
(Off)
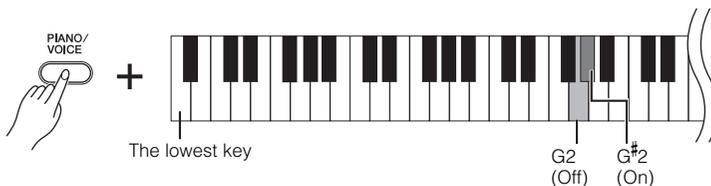
G#2
(On)

Adding Variations to the Sound – Reverb

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

Selecting a reverb type

While holding down the [PIANO/VOICE] button, press one of the C2–E2 keys to select a reverb type.
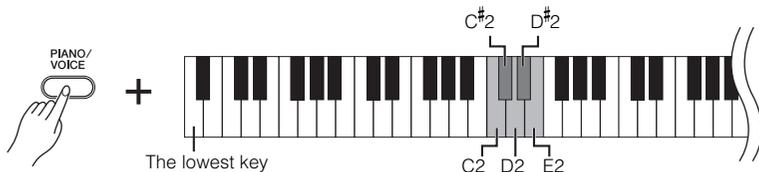
Key	Reverb Type	Description
C2	Room	This setting adds a continuous reverb effect to the sound, similar to the acoustic reverberation you would hear in a room.
C#2	Hall1	For a "bigger" reverb sound, use the HALL 1 setting. This effect simulates the natural reverberation of a small-size concert hall.
D2	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.

The depth value increases as you press higher keys.
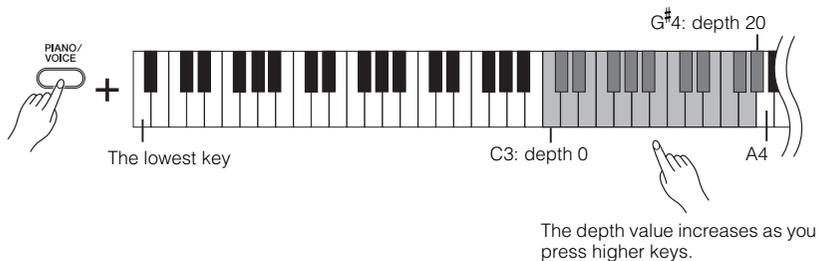
While holding down the [PIANO/VOICE] button, press the A4 key to set the reverb to the depth most suitable for the selected voice.

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 suppler sound.

1 Engage Dual mode.

While holding down the [PIANO/VOICE] button, press two keys in the range of C1 through A1 (YDP-161) or C1 through F1 (YDP-141) 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 assign the same voice to Voice 1 and Voice 2 simultaneously in Dual mode.
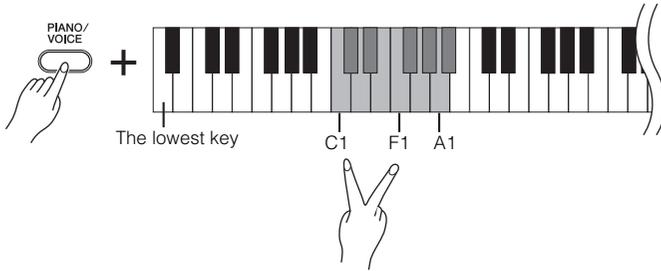
The voice assigned to the lower key will be designated as Voice 1, and the voice assigned to the higher key will be designated as Voice 2.

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.

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.)
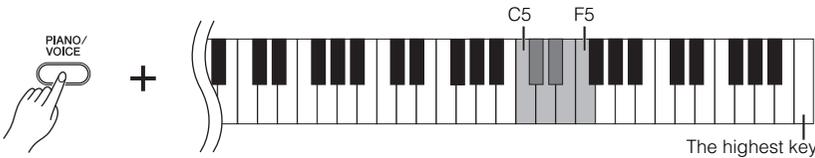
	C5	−1		D#5	−1
Voice 1	C#5	0	**Voice 2**	E5	0
	D5	+1		F5	+1

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.
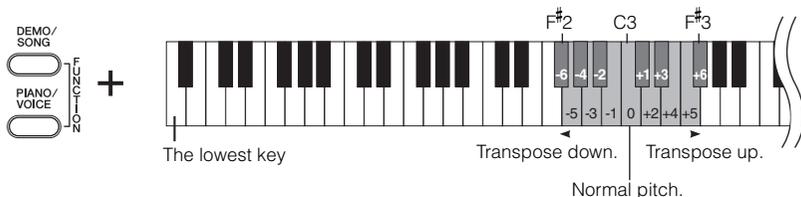
To transpose the pitch down (in semitone steps)

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

To tune up (in about 0.2Hz steps):

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, and press the [+ R] button.

> **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
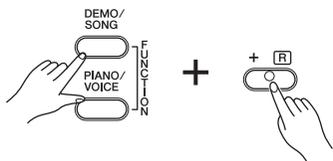
To tune down (in about 0.2Hz steps):

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, and press the [− L] button.
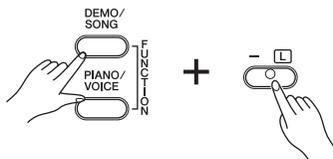
To restore standard pitch:

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, and press the [+ R] and [− L] buttons simultaneously.

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. Default set is 0/4 (C3). In this setting, clicks sound in all beats.
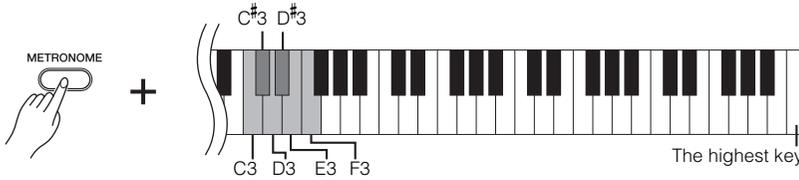
Key	Time signature
C3	0/4
C$^\sharp$3	2/4
D3	3/4
D$^\sharp$3	4/4
E3	5/4
F3	6/4

Adjusting the tempo

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

Increasing the tempo value in steps of one:
While the metronome is playing, press the [+ R] button. Alternatively, press and hold down the [METRONOME] button, and press the C$^\sharp$5 key.

Decreasing the tempo value in steps of one:
While the metronome is playing, press the [−] button. Alternatively, 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$^\sharp$4 key.

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

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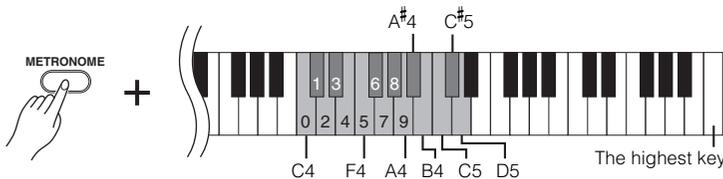
Resetting the tempo to default:

While the metronome is playing, press the [+ R] and [− L] buttons simultaneously. Alternatively, press and hold down the [METRONOME] button, and press the 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.

The volume level increases as you press higher keys.

2 **Press the [METRONOME] button to stop the metronome.**
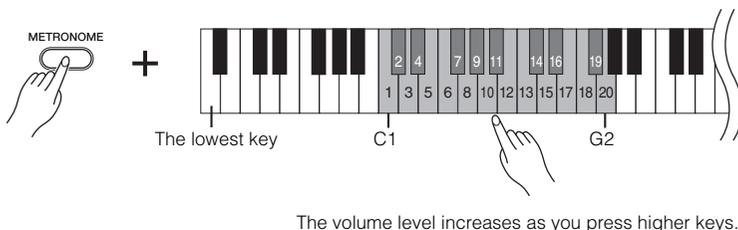
To reset the tempo to default value of 120 while the metronome is stopped, press the [METRONOME], [+ R] and [− L] buttons simultaneously.

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

Default setting:
G#1 (10)

Adjusting the Keyboard Touch (Touch Sensitivity)

You can adjust the volume level, which changes depending on how fast or strong you hit 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.)

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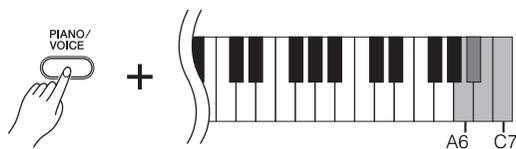
This setting is disabled with some voices, such as an organ sound.

Default setting:
B6 (Medium)

Recording Your Performance

Your digital piano's recording function enables you to record your performance of one song. The recorded performance is called the "user song."

You can record up to two parts separately. For example, you can record the left-hand and right-hand parts separately. Or, you can create a duet piece by recording each part one at a time and then playing them together.

Follow the steps below to record and play back your performance.

▌Recording Your Performance

1 Make all initial settings.

Before you begin to record, select the voice that you want to use for recording. (See page16.)

Make any other desired settings (reverb, etc.) as well.

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 Select a part and engage Record Ready mode.

Hold down the [REC] button and press the [+ R] or [− L] button for the part you want to record to engage Record Ready mode.

If you press the [REC] button and play both parts without specifying the recording part, the performance will automatically be recorded to the right part ([+ R]). Recording does not actually start yet.

Recording the right part ([+ R])

or
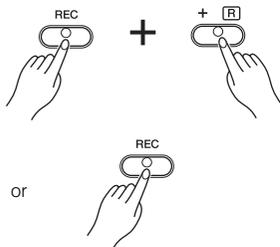
Recording the left part ([− L])
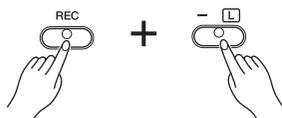
The [REC] button indicator and the selected part button indicator will flash at the currently-selected tempo. (It may take a moment before the indicator starts to flash.)

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

Turning the playback part on and off

If data has already been recorded in the [+ R] and/or [− L] part, the indicator for the part(s) will light up, and the data in the part(s) will start playing back as soon as you start recording your performance.

If you do not want to hear the part playback, hold down the [PLAY] button and press the button ([+ R] or [− L]) for the part you want to mute.

Its indicator will turn off.

Pressing the part buttons toggles part playback on and off.

NOTICE

Be careful not to erase the recorded data!
When you finish recording your performance, the indicator for the part button ([+ R] and/or [− L]) lights up. Recording another performance while this indicator remains on will overwrite the existing recorded data.

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

The User song will not be transmitted via MIDI.

Recording capacity
"Recording capacity" is the maximum amount of performance data that you can record. This instrument's recording capacity is 100 KB (approximately 11,000 notes).

3 Start recording.

Recording starts as soon as you play the keyboard. Alternatively, press the [PLAY] button to start recording.

The [REC] button indicator lights up steadily, and the indicator for the recording part flashes at the current tempo.(If data exists in the part you are not recording, the corresponding part indicator lights up.)

4 Press either the [REC] or [PLAY] button to stop recording.

When recording is stopped, all indicators (for the [REC], [PLAY], [+ R] and [− L] buttons) will flash, indicating that the recorded data is being saved to the instrument. After the data is saved, the button indicator for the recorded part will light up steadily, indicating that the part now contains data. Record Ready mode will automatically be cancelled.

Changing the settings for the recorded user song

The initial settings (data recorded at the beginning of a song) can be changed after recording.

If you wish to change the voice of the user song, before pressing the [REC] button, select a different voice. Then, simultaneously press the [REC] button and the button for the part whose initial settings you want to change. The unit enters Record mode. Without playing the keyboard, press the [REC] button again to apply the change(s) to the song. If you wish to change the tempo, do so after the unit enters Record mode.

Individual Parts
• Voice selection
• Reverb depth
• Dual voices
• Damper/soft pedal depth

Entire Song
• Tempo
• [REVERB] type (including OFF)

NOTICE
Do not turn off the power to this instrument while it is recording the data in its internal memory (that is, while all button indicators are flashing). Otherwise, all recorded data, including the data being recorded, 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 28.)

The user song is saved as a Standard MIDI file (SMF). (page 28)

Playing Back Recorded Performance Data

1 Press the [PLAY] button.

The [PLAY] button indicator and the indicator for the part that contains data light up, and the recorded part starts playing back.

PLAY

The parts can be turned on or off individually during playback. Refer to the procedure on page 26.

2 Press the [PLAY] button to stop the playback

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

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

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

Erasing Recorded Performance Data

You can erase the entire recorded user song (including both [+ R] and [− L] part).

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

The [REC] and [+ R] button indicators flash.

If the left part ([− L]) contains data, [− L] button indicator lights up.

2 While holding down the [PLAY] button, press the [REC] button to engage Erase Ready mode.

The [REC], [PLAY], [+ R] and [− L] button indicators flash.

To cancel the erase operation, press any button whose indicator is NOT flashing (such as the [DEMO/SONG], [PIANO/VOICE] or [METRONOME] button).

3 Press the [REC], [PLAY], [+ R] or [− L] button to erase recorded performance data.

The [REC], [PLAY], [+ R] and [− L] button indicators light up in turn from top to bottom.

All button indicators turn off after data is erased.

Erasing individual part data

Hold down the [REC] button and press the [+ R] or [− L] button to engage Part Record Ready mode. (See step 2 on page 23.)

Press the [PLAY] button to start recording. Without playing the keyboard, press the [PLAY] or [REC] button to stop recording. All data previously recorded for the selected part will be erased.

The button indicator turn off.

Listening to a Specified Part / Practicing a One-Hand Part

The following songs feature separate right- ([+ R]) and left-hand ([– L]) parts on individual channels. You can turn the right- ([+ R]) and left-hand ([– L]) parts on or off as desired, in order to practice on the keyboard the corresponding part (the part that is turned off).

- **50 Piano Preset Songs (page 14)**
  The right-hand part is played by [+ R] and the left-hand part is played by [– L]. You can play back songs with each part turned on or off individually.

- **Songs loaded from the computer (page 15)**
  Channel 1 is played by [+ R] and Channel 2 is played by [– L]. You can play back songs with each channel turned on or off individually.

- **User songs recorded in the instrument (page 23)**
  User songs that you recorded to the instrument using the record function. You can play back these songs with each recorded part turned on or off individually.

Demo song (page 13) cannot be used with the Part select function.

1 Play back the song you wish to practice.

Refer to the page listed above for information on playing back songs.

2 Turn part playback on and off.

While a song is playing back, hold down the [PLAY] button and press the [+ R] or [– L] button.
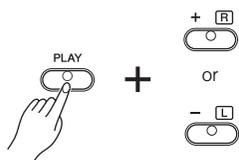
The corresponding button indicator turns off and the corresponding part playback is muted.

Pressing the buttons repeatedly toggles playback on and off.

3 Stop playback.

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

When playback is complete or stopped, the part playback setting is automatically canceled.

When you play back a song that enables you to select an individual part or channel, the indicators for the parts that contain data light up (either [+ R] or [– L], or both).

You can select a part to play or mute only during song playback.

Canceling the part playback setting
When you select a different song (or when a different song is selected during chained playback), the part or channel playback setting is automatically canceled.

Connecting MIDI Instruments

Your digital piano features MIDI connectors. Using the MIDI functions enables you to access a variety of musical genres.

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

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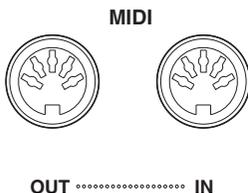
Since MIDI data that can be transmitted or received varies depending on the type of MIDI devices. Please check the "MIDI Implementation Chart" on the web (please refer to "Data List" on page 6) to find out what MIDI data and commands your devices can transmit or receive.

You need a dedicated MIDI cable (optional) to make a MIDI connection. You can purchase MIDI cables at musical instrument stores.

MIDI's Capability

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

MIDI [OUT] connector
MIDI IN connector
MIDI [IN] connector   Optional MIDI cables   MIDI OUT connector
Your digital piano
MIDI instrument
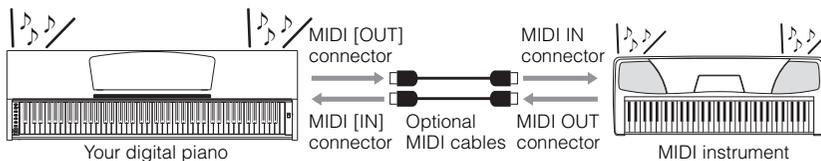
You cannot transmit the voice demo songs, 50 piano preset songs, or user song from this instrument to another MIDI device.

Transferring MIDI data to and from a computer

USB port
OUT   MIDI IN connector
UX16 (optional)
IN   MIDI OUT connector
Computer
Your digital piano
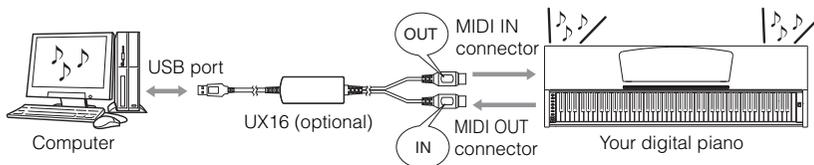
For more information on the transmission and reception of song data, refer to "Transmitting Song Data between the Computer and the Digital Piano" on page 28.

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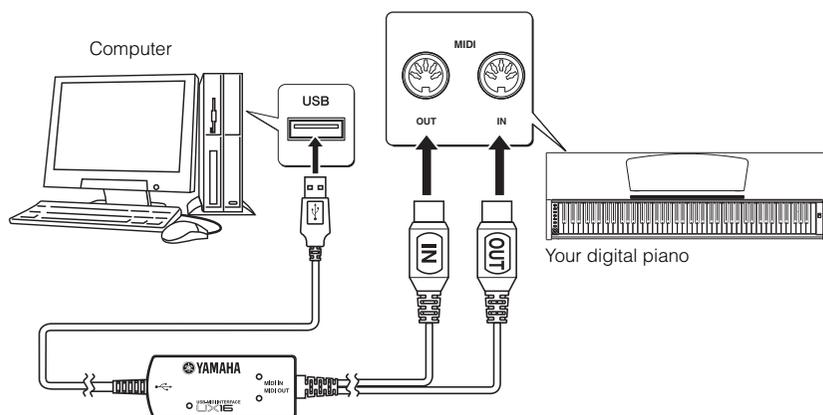
Before you connect this instrument to a computer, first turn off the power to both this instrument and the computer. After you make the connections, turn on the power to the computer first, then turn on the power to this instrument.

When this instrument is used as a tone module, performance data with voices that are not found on this instrument will not be played correctly.

Computer

Your digital piano

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://music.yamaha.com/download/

Please visit the URL above to get the information on the computer system requirement 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 the SMF format song 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: 845KB plus 100KB (user)
- Data format: SMF Format 0 & 1
- Backup data:10YDP.BUP (loaded from instrument)

You can play the loaded songs (page 15) and loaded user song (page 25).

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.

Data you can transfer from this instrument to a computer

- User song : USERSONG1.MID
- Back up data : 10YDP.BUP
- Song data (once it has been loaded from the computer)

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)
Song data once loaded from a computer

Backup data for metronome volume and time signature, touch sensitivity, and tuning is included in the file named "10YDP.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 (the highest) key, turn on the power to the instrument. The data (excluding the data for the songs loaded from a computer) will be initialized.

C7

+

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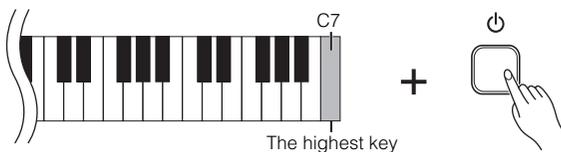
If this instrument somehow becomes disabled or malfunctions, turn off the power to the instrument, then perform the initialization procedure.

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 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.

The lowest key

For setting the transmit channels. (C1–D#2)

OFF

For setting the receive channels. (C4–F5)

ALL

MIDI receive channel is 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.

MIDI receive channel is 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 situation is "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.

C6

The highest key
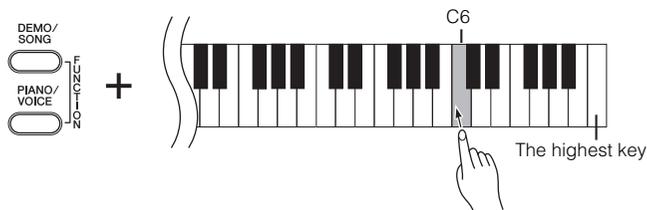
When Local control is turned OFF, the keyboard of this instrument does not play the internal voices.

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 corresponding 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.
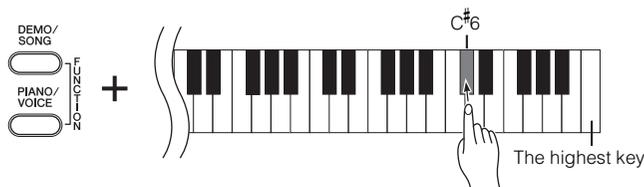
For information on program change numbers for each voice, check the MIDI Data Format on the web (please refer to "Data List" on page 6).

DEMO/SONG

PIANO/VOICE

FUNCTION

C#6

The highest key

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.)

On the other hand, MIDI performance data of this instrument will respond 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 rather prefer not to have this capability.

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

DEMO/SONG

PIANO/VOICE

FUNCTION

D6

The highest key
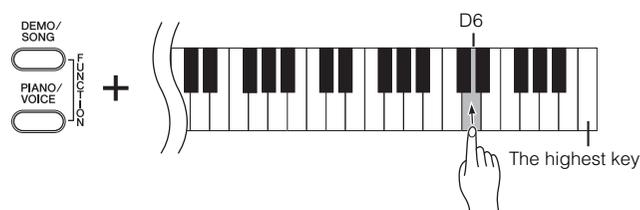
For information on control changes that can be used with this instrument, check the MIDI Data Format on the web (please refer to "Data List" on page 6).

Troubleshooting

Problem	Possible Cause and Solution
This instrument does not turn on.	This instrument has not been plugged in properly. (YDP-161) Securely insert the female plug into the socket on this instrument, and the male plug into a proper AC outlet (page 35). (YDP-141) Securely insert the adaptor plug into the socket on this instrument, and the adaptor plug into a proper AC outlet (page 35).
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 30) 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 35).
The damper pedal has little effect.	The damper pedal was pressed when the power was turned on. This is not a malfunction; release the pedal and press it again to reset the function.

Options

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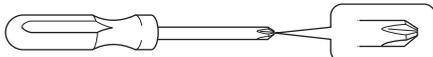
Remove all parts from the package and make sure you have all of the items.

A

D

B

E

C
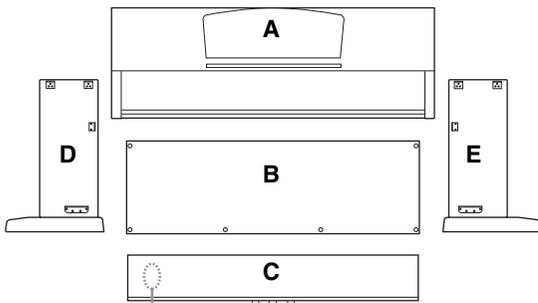
Bundled pedal cord inside

AC Power cord (YDP-161)

AC Power adaptor (YDP-141)

Assembly Parts

❶ 6 × 20 mm long screws × 4

❹ 4 × 20 mm tapping screws ×4

❷ 6 ×16 mm short screws × 4

Cord holders × 2

❸ 4 ×12 mm thin screws ×2

Headphone hanger set (YDP-161 only)

❺ 4 ×10 mm thin screws × 2

Headphone hanger

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

E 1-2 D C 1-3 1-1
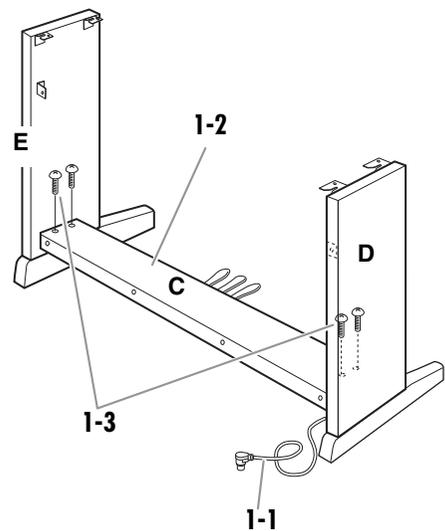
1-1 Untie and straighten out the bundled pedal cord. Don't discard the vinyl tie. You will need it later in step 6.
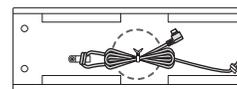
1-2 Align D and E with each end of C.

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.

Place the bottom ends of the rear panel on each foot.
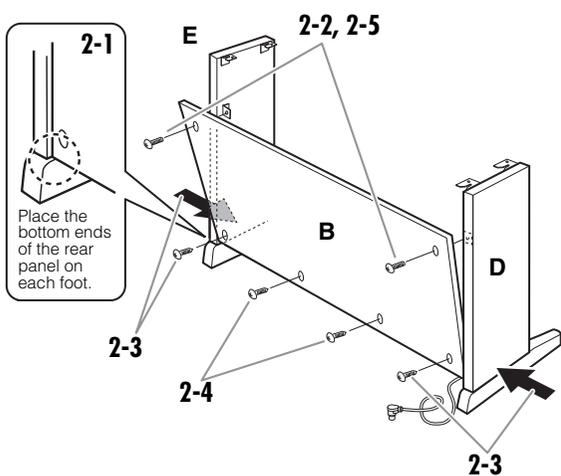
3 Securely tighten the screws on C that were attached in Step 1-3.

4 Mount A.

Be sure to place your hands at least 10 cm from either end of the main unit when positioning it.

At least 10 cm

At least 10 cm
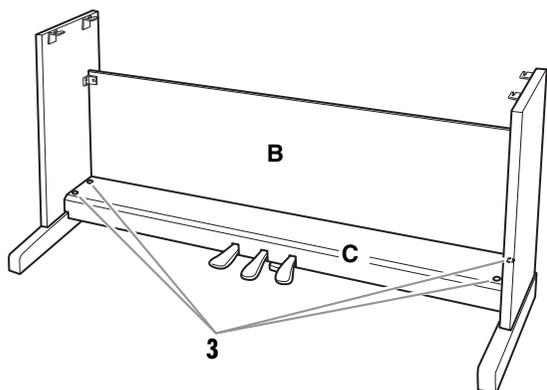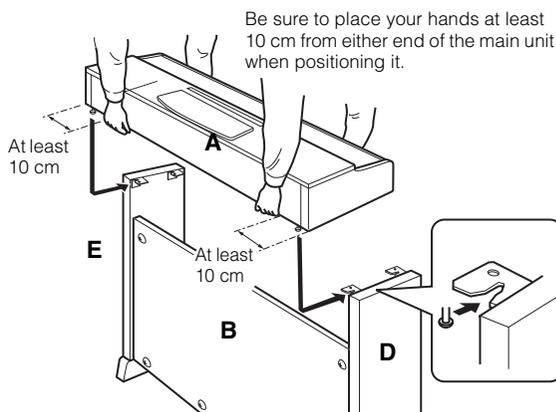
⚠CAUTION

• 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.

Projection of A
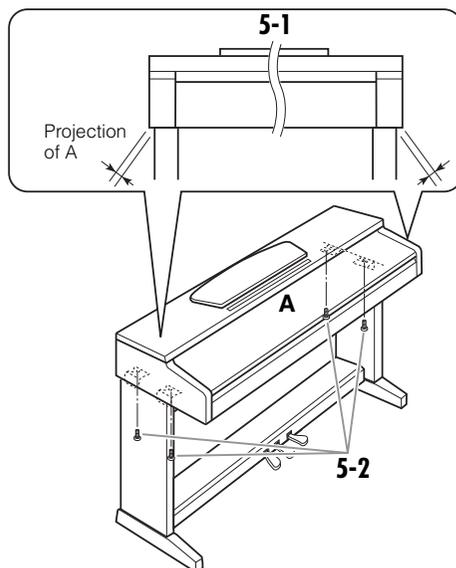
6 Connect the pedal cord.

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.
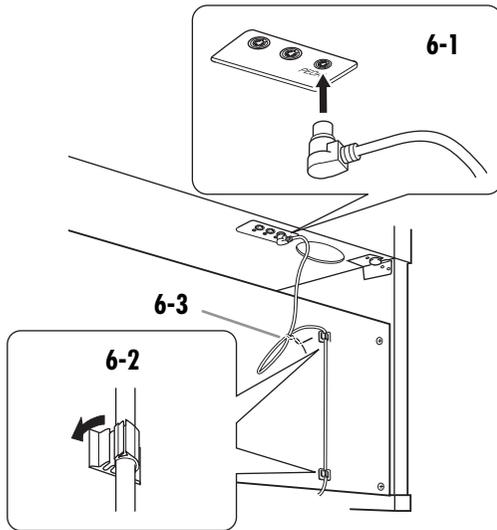
7 Connect the power cord (for YDP-161) or power adaptor (for YDP-141) to the unit.

YDP-161

7-1 Set the voltage selector (for models that feature a voltage selector).

Voltage Selector

Before connecting the AC power cord, check the setting of the voltage selector which is provided in some areas. To set the selector for 110V, 127V, 220V or 240V main voltages, use a "minus" screwdriver to rotate the selector dial so that the correct voltage for your region appears next to the pointer on the panel. The voltage selector is set at 240V when the unit is initially shipped. After the proper voltage has been selected, connect the AC power cord to the [AC IN] jack and an AC wall outlet. A plug adaptor may be also provided in some areas to match the pin configuration of the AC wall outlets in your area.

7-2 Connect the plug on the power cord to the rear panel connector.
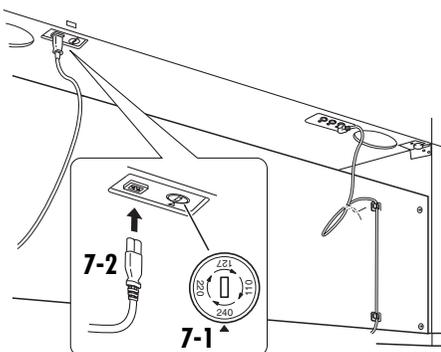
YDP-141

7-1 Connect the DC plug of the power adaptor to the rear panel connector, and loop cord slack onto the cord hook so that the plug will not be disconnected accidentally.
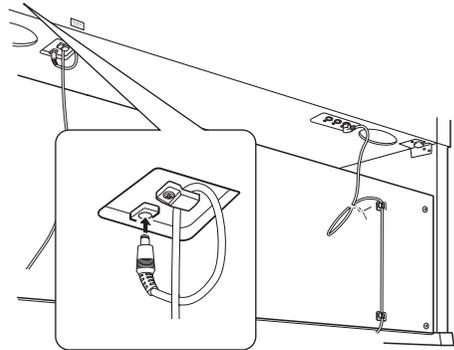
⚠ CAUTION

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

⚠ WARNING

• An improper voltage setting can cause serious damage to this instrument or result in improper operation.

■ 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.

Insert the cord all the way until the metal part of the plug disappears from view.
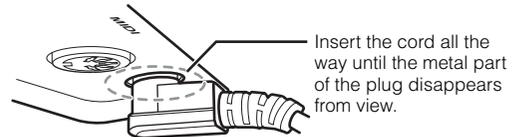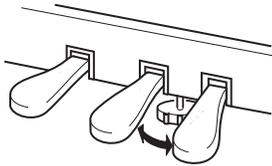
8 Set the adjuster.

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

9 Attach the headphone hanger. (for YDP-161 only)

Use the included two screws ❺ (4 × 10mm) to attach the hanger as shown in the illustration below.
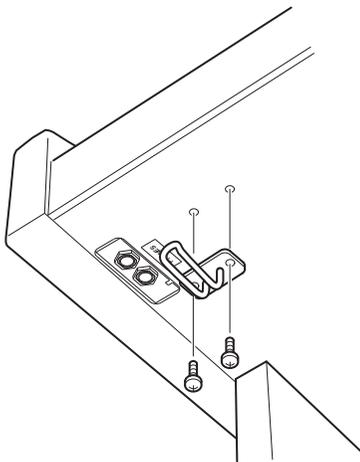
■ After completing the assembly, please check the following.

- 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.

Key cover

Top portion

Do not hold here

Hold here
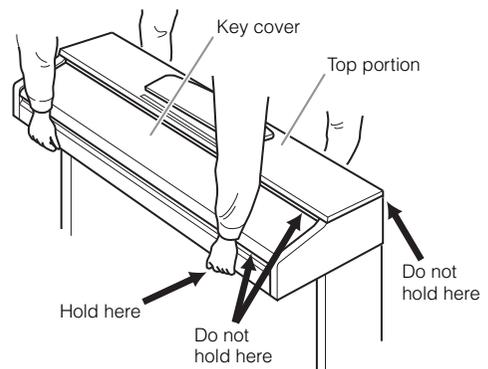
Do not hold here

⚠CAUTION

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

INDEX

Specifications

			YDP-161	YDP-141
Size/Weight	Width		1357mm [53-7/16"]	
	Height (with music rest)		815mm [32-1/16"] (969mm [38-1/8"])	
	Depth		422mm [16-5/8"]	
	Weight		42kg (92 lbs., 10oz)	37kg (81 lbs., 9oz)
Control Interface	Keyboard	Number of Keys	88	
		Type	GH(Graded Hammer) keyboard	GHS(Graded Hammer Standard) keyboard with matte black keytops
		Touch Sensitivity	Hard/Medium/Soft/Fixed	
	Pedal	Number of Pedals	3	
		Half Pedal	Yes	
		Functions	Damper , Sostenuto, Soft	
	Panel	Language	English	
Cabine	Key Cover		Sliding	
	Music Rest		Yes	
Voices	Tone Generation	Tone Generating Technology	AWM Dynamic Stereo Sampling	
		Number of Dynamic Levels	3	
	Polyphony	Number of Polyphony (Max.)	128	64
	Preset	Number of Voices	10	6
Effects	Types	Reverb	Yes	
		Damper Resonance	Yes	--
	Part	Dual	Yes	
Songs	Preset	Number of Preset Songs	10 Demo Songs, 50 Piano Preset Songs	6 Demo Songs, 50 Piano Preset Songs
	Recording	Number of Songs	1	
		Number of Tracks	2	
		Data Capacity	One Song 100KB (approx.11,000 notes)	
		Recording Function	Yes	
	Compatible Data Format	Playback	Standard MIDI File (SMF) Format 0 & 1	
		Recording	Standard MIDI File (SMF) Format 0	
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 100KB Loading song data from a computer : Up to 10 songs; Total maximum size 845KB	
	Connectivity	Headphones	×2	
		MIDI	IN/OUT	
Amplifiers and Speakers	Amplifiers		20W×2	6W×2
	Speakers		Oval (12 cm × 6 cm) × 2	
Accessories			Owner's Manual, 50 greats for the Piano (Music Book), Quick Operation Guide, Bench (included or optional depending on locale), My Yamaha Product User Registration	
			AC Power Cord	AC Power Adaptor (included or optional depending on locale) PA-150 or an equivalent

• Specifications and descriptions in this owner's manual are for information purposes only. Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your Yamaha dealer.

YDP-161

YDP-141

For details of products, please contact your nearest Yamaha representative or the authorized distributor listed below.

Pour plus de détails sur les produits, veuillez-vous adresser à Yamaha ou au distributeur le plus proche de vous figurant dans la liste suivante.

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