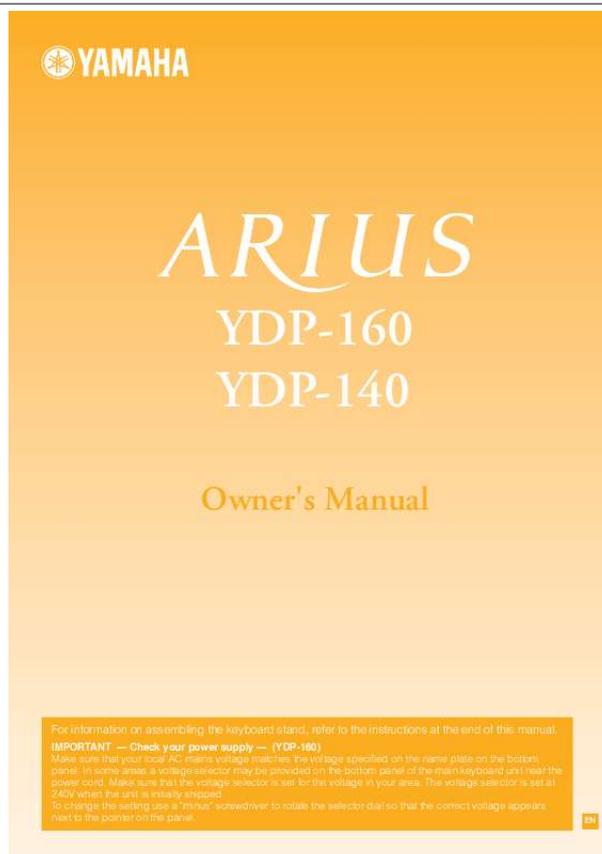




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for YAMAHA ARIUS YDP-140. You'll find the answers to all your questions on the YAMAHA ARIUS YDP-140 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual YAMAHA ARIUS YDP-140
User guide YAMAHA ARIUS YDP-140
Operating instructions YAMAHA ARIUS YDP-140
Instructions for use YAMAHA ARIUS YDP-140
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Manual abstract:

EN Introduction SPECIAL MESSAGE SECTION (for YDP-160) PRODUCT SAFETY MARKINGS: Yamaha electronic Battery Notice: This product MAY contain a small non- products may have either labels similar to the graphics shown below or molded/stamped facsimiles of these graphics on the enclosure. The explanation of these graphics appears on this page. Please observe all cautions indicated on this page and those indicated in the safety instruction section. rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement. Warning: Do not attempt to recharge, disassemble, or incinerate this type of battery. Keep all batteries away from children. @@@@DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. See bottom of Keyboard enclosure for graphic symbol markings. beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc. NOTICE: Service charges incurred due to lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

NAME PLATE LOCATION: The graphic below indi- The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product. The lightning flash with arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock. IMPORTANT NOTICE: All Yamaha electronic products cates the location of the name plate. The model number, serial number, power requirements, etc., are located on this plate.

You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase. are tested and approved by an independent safety testing laboratory in order that you may be sure that when it is properly installed and used in its normal and customary manner, all foreseeable risks have been eliminated. DO NOT modify this unit or commission others to do so unless specifically authorized by Yamaha. Product performance and/or safety standards may be diminished. Claims filed under the expressed warranty may be denied if the unit is/has been modified. Implied warranties may also be affected. SPECIFICATIONS SUBJECT TO CHANGE: The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units. ENVIRONMENTAL ISSUES: Yamaha strives to pro- YDP-160 Model Serial No. Purchase Date duce products that are both user safe and environmentally friendly.

We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following: 92-469 1 (bottom) 2 YDP-160/140 Owner's Manual SPECIAL MESSAGE SECTION (for YDP-140) This product utilizes batteries or an external power supply (adapter). DO NOT connect this product to any power supply or adapter other than one described in the manual, on the name plate, or specifically recommended by Yamaha. WARNING: Do not place this product in a position where anyone could walk on, trip over, or roll anything over power or connecting cords of any kind. The use of an extension cord is not recommended! If you must use an extension cord, the minimum wire size for a 25' cord (or less) is 18 AWG. NOTE: The smaller the AWG number ,the larger the current handling capacity. For longer extension cords, consult a local electrician. This product should be used only with the components supplied or; a cart, rack, or stand that is recommended by Yamaha. If a cart, etc., is used, please observe all safety markings and instructions that accompany the accessory product.

When installing batteries, do not mix batteries with new, or with batteries of a different type. Batteries MUST be installed correctly. Mismatches or incorrect installation may result in overheating and battery case rupture. Warning: Do not attempt to disassemble, or incinerate any battery. Keep all batteries away from children.

Dispose of used batteries promptly and as regulated by the laws in your area. Note: Check with any retailer of household type batteries in your area for battery disposal information. Disposal Notice: Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc. If your dealer is unable to assist you, please contact Yamaha directly. SPECIFICATIONS SUBJECT TO CHANGE: The information contained in this manual is believed to be correct at the time of printing.

However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units. This product, either alone or in combination with an amplifier and headphones or speaker/s, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for long periods of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist. IMPORTANT: The louder the sound, the shorter the time period before damage occurs. Some Yamaha products may have benches and / or accessory mounting fixtures that are either supplied with the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that benches are stable and any optional fixtures (where applicable) are well secured BEFORE using. Benches supplied by Yamaha are designed for seating only. No other uses are recommended.

NAME PLATE LOCATION: The name plate is located on the bottom of the product. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase. NOTICE: Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility.



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Please study this manual carefully and consult your dealer before requesting service. ENVIRONMENTAL ISSUES: Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals.

In keeping with both the letter and the spirit of the law, we want you to be aware of the following: Battery Notice: This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years.

When replacement becomes necessary, contact a qualified service representative to perform the replacement. This product may also use "household" type batteries. Some of these may be rechargeable. Make sure that the battery being charged is a rechargeable type and that the charger is intended for the battery being charged. YDP-140 Model Serial No.

Purchase Date PLEASE KEEP THIS MANUAL 92-BP (bottom) 1 YDP-160/140 Owner's Manual 3 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 · Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument. · Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

Do not open · Do not open the instrument or attempt to disassemble the internal parts or modify them in any way. The instrument contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel. Power cord (YDP-160) · Use only the supplied power cord/plug. · 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. 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. AC power adaptor(YDP-140) (Users within Canada or U.

S.) Use the specified adaptor (PA-150 or an equivalent recommended by Yamaha) only. Using the wrong adaptor can result in damage to the instrument or overheating. · (Others) Use the specified adaptor (PA-5D or an equivalent recommended by Yamaha) only. Using the wrong adaptor can result in damage to the instrument or overheating. · Do not place the AC adaptor 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. 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 · If the power cord (YDP-160)/AC adaptor cord (YDP-140) or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the instrument, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the instrument inspected by qualified Yamaha service personnel. 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 · 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. · (YDP-160) Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms. · (YDP-140) Unplug the AC power adaptor when not using the instrument, or nected to the instrument. (page 32) 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-160 Even when the power switch is turned off, 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 AC power plug from the wall AC outlet. YDP-140 Even when the power switch is in the "STANDBY" position, electrinstrument 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. Two of the piano voices, "Grand Piano 1" and "Grand Piano 2," feature totally new samples recorded from a full-size concert grand piano. The "Grand Piano 1" voice features multiple wave samples for different velocities (Dynamic Sampling); that is, different samples are used depending on how fast or strong you strike the keys. Therefore, this voice expresses detailed dynamics and sounds much closer to a true acoustic piano. GH(Graded Hammer) keyboard and GHS(Graded Hammer Standard) keyboard with matte black keytops A special Graded Hammer keyboard on the YDP-160, and Graded Hammer Standard keyboard with matte black keytops on the YDP-140, 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 matte finish of the black keys enhances keyboard's luxurious appearance. The Graded Hammer keyboard also offers superb playability for tremolo and other repetitive-striking techniques. 6 8 YDP-160/140 Owner's Manual Table of Contents Table of Contents Introduction SPECIAL MESSAGE SECTION .

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. 2 About the Documentation and Reference Materials for this Instrument.



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[PIANO/VOICE] This button enables you to select any voice from 10 (YDP-160) or 6 (YDP-140) voices. (page 19) You can also layer two voices (page 22), or select a type of reverb (page 21). [METRONOME] Control the metronome functions (page 24). [+]/[-] These buttons enable you to select a song to play back from voice demo songs or from "50 Greats for the Piano." (pages 16, 17) They also enable you to change the voice or tempo. (pages 19, 24) [MASTER VOLUME] Adjust the volume level using this control (page 14). [REC] Record your performance (page 26).

[PLAY] Play back your recorded performance (page 27). 8 10 YDP-160/140 Owner's Manual Part Names and Functions POWER [PEDAL] Connect the pedal cord (page 37). Bottom of the keyboard MIDI PEDAL [AC IN] (YDP-160) Connect the included power cord here. (page 13) OUT IN Bottom of the keyboard MIDI [IN/OUT] Connect a MIDI device to this connector to use various MIDI functions. (Connecting MIDI Instruments--page 28) [DC IN 12V] (YDP-140) Connect the included power adaptor here. (page 13) Shows the MIDI [IN/OUT] and [PEDAL] jacks as seen when viewed from the rear of the instrument. Pedals Use these pedals when you want notes to sustain longer or to sound softer and round. (Using the Pedals--page 20) 9 YDP-160/140 Owner's Manual 11 Before Using the Digital Piano 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 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. CAUTION Be careful to avoid catching your fingers when opening or closing the cover. CAUTION 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. 10 12 YDP-160/140 Owner's Manual Before Using the Digital Piano Connecting the Power Cord (YDP-160) Read the instructions below very carefully to make sure that you correctly connect the power cord. YDP-140 users should skip to the next section "Connecting the Power Adaptor (YDP-140)" for information on connecting the power adaptor. 1. Insert the plug on one end of the power cord to the [AC IN] connector. Refer to the "Part Names and Functions" on page 11 for information on the location of the [AC IN] connector. 2. Insert the plug on the other end of the power cord to a standard AC outlet. 1 (Bottom of the keyboard) 2 (The shape of the plug differs depending on locale).

) WARNING 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.

@@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. Connecting the Power Adaptor (YDP-140) Read the instructions below very carefully to make sure that you correctly connect the power adaptor.

YDP-160 users should skip back to the previous section "Connecting the Power Cable (YDP-160)" for information on connecting the power cord. 1. Make sure that the [STANDBY/ON] switch is set to STANDBY.



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2. Connect the DC plug of the power adaptor into the [DC IN 12V] connector. Refer to the "Part Names and Functions" on page 11 for more information on the location of the [DC IN 12V] connector. Loop cord slack onto the cord hook so that the plug will not be disconnected accidentally. 3. Insert the AC plug of the power adaptor into a standard AC outlet. 2 Cord hook 3 Adaptor (Bottom of the keyboard) **WARNING** Be sure to use a specified power adaptor.

Using a different power adaptor may cause malfunction, overheating, or fire. **WARNING** Do not bend the cord tightly when you hang the cord on the cord hook. Otherwise, a short-circuit or fire may result. **WARNING** Be sure to use an appropriate AC outlet. **CAUTION** 11 If you plan not to use the instrument for a long period of time, or if there is a possibility of lightning, be sure to remove the power cord plug from the AC outlet. YDP-160/140 Owner's Manual 13 Before Using the Digital Piano Turning the Power On Press the [POWER] (YDP-160) or [STANDBY/ON] (YDP-140) 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. [POWER] (YDP-160)/[STANDBY/ON] (YDP-140) Power indicator Press the [POWER] (YDP-160) or [STANDBY/ON] (YDP-140) switch again to turn off the power to the unit. The power indicator turns off. Power indicator If you forget to turn off the power to the piano and close the key cover, the power indicator will remain lit, indicating that the power is still on.

CAUTION A small amount of electrical current remains even after the power switch is turned off. If you plan not to use the instrument for a long period of time, 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. The level decreases. The level increases.

CAUTION Do not use this instrument at a high volume level for a long period of time, or your hearing may be damaged. 12 14 YDP-160/140 Owner's Manual Before Using the Digital Piano 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.

) **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. Bottom of the keyboard PHONES Standard stereo phone plug Using the Headphone Hanger (for YDP-160 only) A headphone hanger is included in the package so that you can hang the headphones on this instrument. Install the headphone hanger using the included two screws (4 × 10mm) as shown in the figure. **CAUTION** Do not hang anything other than the headphones on the hanger. Otherwise, this instrument or the hanger may be damaged. PH O N E S 13 YDP-160/140 Owner's Manual 15 Listening to the Demo Songs Reference Listening to the Demo Songs Demo songs are provided that effectively demonstrate each of this instrument's voices. Procedure Refer to the voice list on page 19 for more information on the characteristics of each preset voice. 1. Turn on the power. (In case the power is not turned on) Press the [POWER] (YDP-160) or [STANDBY/ON] (YDP-140) button.

The power to the unit turns on. Set the [MASTER VOLUME] control to the half-way point. (You can adjust the level while playing back a demo song.) 2. Start playing back a demo song. Press the [DEMO/SONG] button. The demo song for the currently-selected voice starts playing. While a demo song is playing, press and hold down the [METRONOME] button and press the [+] or [-] button to change the song tempo. @@ You can also press keys to change the tempo. (page 24) The demo songs will not be transmitted via MIDI.

3. Select and play a demo song. While a demo song is playing, press the [+] or [-] button to select and play the next or previous demo song. If you wish to select a particular demo song from 10 (YDP-160) or 6 (YDP-140) voice demo songs, press and hold down the [DEMO/SONG] button, then press one of the C1A1 (YDP-160) or C1F1 (YDP-140) keys. The selected demo song starts to play.

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. You can also change to the next or previous demo song by pressing and holding down the [DEMO/SONG] button and pressing the [+] or [-] button. The lowest key C1 F1 A1 Demo Songs Each of the 10 (YDP-160) or 6 (YDP-140) voices features its own demo song that showcases the corresponding voice. Please refer to "Selecting Voices" on page 19.

The demo songs listed below are re-arranged excerpts from the original compositions. The other demo songs are Yamaha's original pieces (©2008 Yamaha Corporation). Key C1 E1(YDP-160) D 1(YDP-140) F1(YDP-160) G1(YDP-160) E1(YDP-140) G 1(YDP-160) Voice Name GRAND PIANO 1 HARPSICHORD 1 HARPSICHORD HARPSICHORD 2 CHURCH ORGAN 1 CHURCH ORGAN CHURCH ORGAN 2 Title Sonate für Klavier Nr.13, K.333 Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV.1058 Gigue, Französische Suiten Nr.5, BWV.816 Herr Christ, der ein'ge Gottes-Sohn, BWV.601 Triosonate Nr.

6, BWV.530 Composer W. A. Mozart J. S. Bach J. S. Bach J. S. Bach J.

S. Bach 14 16 YDP-160/140 Owner's Manual Listening to 50 Piano Preset Songs Adjusting the Volume Use the [MASTER VOLUME] control to adjust the volume. 4. Stop the Voice demo. Press the [DEMO/SONG] button to stop playback.

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. Procedure 1. Select and play back a piano preset song.

The number of each piano preset song is assigned to the C2C 6 keys. While holding down the [DEMO/SONG] button, press one of the C2C 6 keys to select a song to play back. The selected piano song starts to play. To play all preset songs consecutively in sequence, while holding down the [DEMO/SONG] button, press the D6 key. 1st song 10th song 20th song 30th song 40th song 50th song (C 6) Song: On this instrument, performance data is called a "Song." This includes demo songs and 50 piano preset tunes. You can play the keyboard along with the preset song. You can change the voice playing on the keyboard. C2 C3 C4 C5 Consecutive playback The highest (D6) key (C7) The default tempo is automatically selected whenever a new preset song is selected, and when a new preset song begins playback.



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

Adjusting the Volume Use the [MASTER VOLUME] control to adjust the volume. While a piano preset song is playing, hold down the [METRONOME] button and press the [+] or [-] button to change the song tempo. If you are using the metronome (page 24) during preset song playback, press the [+] or [-] button to change the song tempo. You can also press keys to change the tempo. (page 24) When you select a different song (or a different song is selected during chained playback), an appropriate reverb type will be selected accordingly. 2. **Stop playback.** To stop the song during playback (or continuous playback), press the [DEMO/ SONG] button. To continue playing other songs, see procedure 1 above. The 50 piano preset songs will not be transmitted via MIDI.

15 YDP-160/140 Owner's Manual 17 Listening to Songs Loaded from the Computer 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 32 for more information on loading song data from the computer.) Procedure 1.

Select and play back a song. ENGLISH Song numbers (1 through 10) are assigned to the D 6C7 keys (see the illustration below).

While holding down the [DEMO/SONG] button, press one of the D 6C7 keys to select a song to play back. The selected song starts to play. 1st song 10th song You can load up to 10 songs or up to 337 KB of data from the computer. Use the following table to write down the song titles you loaded from the computer. Key D6 E6 D6 C7 (The highest key) F6 F6 G6 G6 A6 A6 B6 C7 Song title While a song is playing, press the [+] or [-] button to change to the next or previous song.

Adjusting the Volume Use the [MASTER VOLUME] control to adjust the volume while listening to the song. 2. **Stop playback.** To stop the song during playback, press the [DEMO/SONG] button. **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. C7 The highest key **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.

B6 The highest key 16 18 YDP-160/140 Owner's Manual **Selecting & Playing Voices** **Selecting & Playing Voices** **Selecting Voices Procedure** Press and release the [PIANO/VOICE] button to select the Grand Piano 1 voice. Press and release the [PIANO/VOICE] button, press the [+] or [-] 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 CIA1 (YDP-160) or C1F1 (YDP-140) keys. Turn the [MASTER VOLUME] control to adjust the volume level while playing the keyboard. C1 D1 F1 G1

To understand the characteristics of various voices, listen to demo songs for each voice (page 16). **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 21) for that particular voice. The lowest key C1 D1 E1 F1 G1 A1 YDP-160 Key C1 C1 D1 D1 E1 F1 F1 G1 G1 A1** Voice Name Grand Piano 1 Grand Piano 2 E.Piano 1 E.Piano 2 Harpsichord 1 Harpsichord 2 Vibraphone Church Organ 1 Church Organ 2 Strings Description Recorded samples from a full concert grand piano.

Perfect for classical compositions as well as any other style that requires acoustic piano. Spacious and clear piano with bright reverb. Good for popular music. An electronic piano sound created by FM synthesis. Good for popular music.

The sound of an electric piano using hammer-struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard. The definitive instrument for baroque music. Since the strings of a harpsichord are plucked, there is no touch response. Mixes the same voice an octave higher for a more brilliant tone.

The sound of a vibraphone played with relatively soft mallets. This is a typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period. This is the organ's full coupler sound, often associated with Bach's "Toccatina and Fugue". Spacious and large-scale string ensemble. Try combining this voice with piano in DUAL mode. YDP-140 Key Voice Name Description C1 C1 D1 D1 E1 F1 17 Grand Piano 1 Grand Piano 2 E.Piano Harpsichord Church Organ Strings Recorded samples from a full concert grand piano. Perfect for classical compositions as well as any other style that requires acoustic piano. Spacious and clear piano with bright reverb.

Good for popular music. An electronic piano sound created by FM synthesis. Good for popular music. The definitive instrument for baroque music. Since the strings of a harpsichord are plucked, there is no touch response. This is a typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period. Spacious and large-scale string ensemble. Try combining this voice with piano in DUAL mode. YDP-160/140 Owner's Manual 19 **Selecting & Playing Voices 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. If the damper pedal doesn't work, make sure that the pedal cord is properly plugged into the main unit (page 37). 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. 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."



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"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. 18 20 YDP-160/140 Owner's Manual Selecting & Playing Voices 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. Procedure While holding down the [PIANO/VOICE] button, press one of the C2E2 keys to select a reverb type. C2 D2 The lowest key C2 D2 E2 Key C2 C2 D2 D2 E2 Reverb Type Room Hall1 Hall2 Stage Off Description This setting adds a continuous reverb effect to the sound, similar to the acoustic reverberation you would hear in a room. For a "bigger" reverb sound, use the HALL 1 setting. This effect simulates the natural reverberation of a small-size concert hall. For a truly spacious reverb sound, use the HALL 2 setting.

This effect simulates the natural reverberation of a large concert hall. Simulates the reverb of a stage environment. No effect is applied. Adjusting Reverb Depth Adjust the reverb depth for the selected voice by pressing one of the C3G 4 keys while holding down the [PIANO/VOICE] button.

@@@ Settings below "0" increases the volume of Voice 2 in relation to Voice 1, and settings above "0" increases the volume of Voice 1 in relation to Voice 2. F5 -6 -4 -2 C6 +1 +3 F6 +6 -5 -3 -1 0 +2 +4 +5 The highest key 2. Exit Dual mode and return to normal play mode. While holding down the [PIANO/VOICE] button, press one of the C1A1 (YDP160) or C1F1 (YDP-140) keys. 20 22 YDP-160/140 Owner's Manual Selecting & Playing Voices 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. Procedure While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons, press one of the F 2F 3 keys to set the desired amount of transposition. F2 -6 -4 -2 C3 +1 +3 F3 +6 Transpose: Changing the key signature. @@@@A number is assigned to each of the following keys.

@@ Select a number starting from the left-most digit.

@@@@@ While holding down the [METRONOME] button, press one of the C1G2 keys to determine the volume. The lowest key C1 G2 The volume level increases as you press higher keys. 2. Stop the metronome. Turn off the metronome by pressing the [METRONOME] button.

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. Key A6 A6 B6 C7 This setting is disabled with some voices, such as an organ sound. Touch Sensitivity Setting Fixed Soft Medium Hard Description The volume level does not change at all regardless of whether you play the keyboard soft or hard. The volume level does not change much when you play the keyboard soft or hard. This is the standard piano touch response. (This is the default setting.) 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. Procedure While holding down the [PIANO/VOICE] button, press one of the A6C7 keys to select the desired touch sensitivity.

A6 C7 23 YDP-160/140 Owner's Manual 25 Recording your Performance 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." Follow the steps below to record and play back your performance.

Audio recording and data recording Cassette tape recordings use a different data format than this instrument. Cassette tapes record audio signals. On the other hand, this instrument records information about the notes and voices being played and about the timing and tempo of those notes. It does not record audio signals. When you play back a recorded performance on this instrument, its internal tone generator reproduces the sound according to the recorded information. CAUTION Be careful not to erase the recorded data: After you record a performance on this instrument, the [PLAY] button indicator lights up.

When this indicator remains on, recording another performance will erase the recorded data.

The user song is saved as a Standard MIDI file (SMF). (page 32) To transfer and play the user song on another device, you must have Musicsoft Downloader (page 32) installed on your computer. Procedure 1. Select a voice and other settings for the recording. While holding down the [PIANO/VOICE] button, press one of the C1A1 (YDP160) or C1F1 (YDP-140) keys to select the desired voice(s).

(See page 19.) If you desire, you can select other settings, such as the reverb setting. 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. You cannot engage Record mode while a demo song is playing.

Recording capacity "Recording capacity" is the maximum amount of performance data that you can record. @@@@ Then, press the [REC] button to engage Record mode. @@ If you wish to change the tempo, do so after you engage Record mode. You can save the recorded user song to a computer. @@ (See page 32.) 2. @@@@ Start recording. Recording starts as soon as you play the keyboard. Alternatively, press the [PLAY] button to start recording. @@ Stop recording.

Press the [REC] button. @@@@ You can also press keys to change the tempo. (page 24) The [PLAY] button indicator flashes at the current tempo.

2. Stop the playback. When the user song finishes playing back, this instrument automatically returns to the previous mode. To stop the playback, press the [PLAY] button. Erasing Recorded Performance Data You can erase the recorded user song. Procedure 1. 2.

Erase the song. Press and hold down the [PLAY] button, then press the [REC] button. The recorded user data is erased. To cancel the erase operation, press the [REC] button again. 25 YDP-160/140 Owner's Manual 27 Connecting MIDI Instruments Connecting MIDI Instruments Your digital piano features MIDI connectors.



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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 Since the transmission or reception of MIDI data can vary depending on the type of MIDI device, each MIDI device can transmit or receive only data and commands that are compatible with other connected 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. If you connect a very long MIDI cable, data transmission errors may result. Use a MIDI cable of 15 meters or less. Before connecting a MIDI device to this instrument, first turn off the power to both this instrument and the MIDI device. After connecting them, turn on the power to the MIDI device first, then turn on the power to this instrument. OUT IN 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 POWER MIDI IN connector MIDI OUT connector Optional MIDI cables You cannot transmit the voice demo songs and the 50 piano preset songs from this instrument to another MIDI device. MIDI IN connector MIDI instrument Transferring MIDI data to and from a computer OUT USB port MIDI IN connector POWER 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 32.

UX16 (optional) Computer IN MIDI OUT connector 26 28 YDP-160/140 Owner's Manual Connecting the Digital Piano to a Computer 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. (page 32) 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. 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. An example of 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.

Computer MIDI OUT IN POWER OUT Connecting this instrument to the computer using a USB-MIDI interface Turn off the power to this instrument. Connect the MIDI OUT cable from the USB-MIDI interface to this instrument's MIDI IN connector, and connect the MIDI IN cable from the USB-MIDI interface to this instrument's MIDI OUT connector. The connection between this instrument and the computer has now been established. Turn on the power to this instrument and try to transfer MIDI data to or from the computer. For more information on connecting the UX16, refer to the user's manual that came with the UX16.

You must install a software application on the computer to be able to transfer MIDI data between this instrument and a computer. IN 27 YDP-160/140 Owner's Manual 29 MIDI Functions 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. 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." 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. 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 and 50 piano preset songs cannot be transmitted via MIDI. Procedure Setting the transmit channel While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press one of the C1E2 keys. Setting the receive channel While holding down the [DEMO/SONG] and [PIANO/VOICE] buttons simultaneously, press one of the C4F5 keys. C1 24 7 9 11 E2 D2 14 16 C4 24 7 9 11 E5 F5 14 16 1 3 5 6 8 10 12 13 15 1 3 5 6 8 10 12 13 15 1+2 For setting the transmit channels.

(C1D 2) OFF For setting the receive channels. (C4F5) ALL 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.



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CAUTION When Local control is turned OFF, the keyboard of this instrument does not play the internal voices. Procedure 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 28 30 YDP-160/140 Owner's Manual MIDI Functions 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. 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). Procedure 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. C6 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. 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). Procedure 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. D6 The highest key 29 YDP-160/140 Owner's Manual 31 Transmitting Song Data between the Computer and the 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 other song by loading it from a connected computer. To be able to use this function, you must first download Musicsoft Downloader from Yamaha website at the following URL, and install it on your computer. <http://music.yamaha.com/download/> System requirement for Musicsoft Downloader · OS You can download free Musicsoft Downloader from the Yamaha website.

ENGLISH · CPU · Memory · Available hard disk capacity · Display · Others : Windows 2000/XP Home Edition/XP Professional/Vista * For XP and Vista, the 32-bit version is supported, but not the 64-bit version. : Intel® Pentium® or Celeron® chip of 500MHz or higher : 256MB or higher : 128MB or higher (512MB or higher recommended) : 800 × 600 High Color (16-bit) : Microsoft® Internet Explorer® version 5.5 or higher Do not manually change the file name by using a computer; doing so will render the file unable for loading on the instrument. Loading Song Data from a Computer to the Digital Piano You can load piano song data from a computer to this instrument. Also, after you record your performance on this instrument and save the recording to a computer, you can load the recording back to the instrument. This instrument can read MIDI data in SMF Format 0. However, if such data includes any information for functions that are not supported by this instrument, the instrument will not play the data correctly. For more information on loading song data from a computer to this instrument, please refer to "Transferring Data Between the Computer and Instrument (for unprotected data)" in the Help file that came with Musicsoft Downloader. Requirements for song data that can be loaded from a computer to this instrument · Number of songs · Maximum data size · Data format : Up to 10 songs plus one user song : 337KB plus 100KB(user) : SMF Format 0 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. You can play the loaded songs (page 18) and loaded user song (page 27). CAUTION Do not turn off the power to this instrument or unplug the instrument during data transmission.

Otherwise, the data being transmitted will not be saved. Furthermore, flash memory operation may become unstable, causing the entire memory to be erased when you turn the power to the instrument on or off. While Musicsoft Downloader is operating, the [REC] and [PLAY] button indicators on the piano light up. Before you use this instrument, close the Musicsoft Downloader window and quit the application. 30 32 YDP-160/140 Owner's Manual Transmitting Song Data between the Computer and the Digital Piano Transmitting Song Data from the Digital Piano to a Computer Musicsoft Downloader enables you to transfer the user song in this instrument to a computer.

For more information on transferring song data from this instrument to a computer, please refer to "Transferring Data Between the Computer and Instrument (for unprotected data)" in the Help file that came with Musicsoft Downloader. Data you can transfer from this instrument to a computer · User song : USERSONG1.MID · Backup data : 08YDP.BUP · Song data (once it has been loaded from the computer) 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, tuning, and user song is included in the file named "08YDP.



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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. If this instrument somehow becomes disabled or malfunctions, turn off the power to the instrument, then perform the initialization procedure. C7 (YDP-160) The highest key (YDP-140) CAUTION 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). CAUTION Please note that initializing the settings will delete your recorded song (user song). 31 YDP-160/140 Owner's Manual 33 Troubleshooting Troubleshooting Problem This instrument does not turn on. Possible Cause and Solution This instrument has not been plugged in properly. (YDP-160) Securely insert the female plug into the socket on this instrument, and the male plug into a proper AC outlet (page 13). (YDP-140) Securely insert the adaptor plug into the socket on this instrument, and the adaptor plug into a proper AC outlet (page 13). 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 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. · Make sure that Local Control (page 30) is ON. The pedal cord may not be properly connected.

Make sure to securely insert the pedal cord into the [PEDAL] jack (page 37). Noise from the speakers or headphones is audible. The overall volume is low, or no sound is heard. The damper pedal has no effect. Options BC-100 Bench A comfortable bench styled to match your Yamaha digital piano.

UX16 USB-MIDI interface HPE-150 Headphones 32 34 YDP-160/140 Owner's Manual Keyboard Stand Assembly 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 the flat floor surface. · 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 1.

Attach (finger-tighten) C to D and E. 1-1 Untie and straighten out the bundled pedal cord. Don't discard the vinyl tie. You will need it later in step 6. 1-2 Align D and E with each end of C. 1-3 Attach D and E to C by finger-tightening the long screws 1 (6 × 20mm). D B E C AC Power cord (YDP-160) Bundled pedal cord inside AC Power adaptor (YDP-140) E 1-2 D Assembly Parts 6 × 20 mm long screws ×4 1 4 × 20 mm tapping screws ×4 4 C 1-3 L 6 × 16 mm short screws ×4 2 Cord holders × 2 1-1 4 × 12 mm thin screws ×2 3 Headphone hanger set (YDP-160 only) 4 × 10 mm thin screws ×2 5 Headphone hanger 33 YDP-160/140 Owner's Manual 35 Keyboard Stand Assembly 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 fingertightening the thin screws 3 (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 4 (4 × 20mm). 2-4 Insert the other two tapping screws 4 (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.

E 2-2, 2-5 4. Mount A. Be sure to place your hands at least 10 cm from either end of the main unit when positioning it. A E At least 10 cm R B D 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.

2-1 Place the bottom ends of the rear panel on each foot. R B D 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 2 (6 × 16mm) from the front. 5-1 2-3 2-4 2-3 L 3. Securely tighten the screws on C that were attached in Step 1-3. Projection of A A B C 5-2 3 34 36 YDP-160/140 Owner's Manual Keyboard Stand Assembly 6. Connect the pedal cord. 6-1 Insert the pedal cord plug to the pedal connector 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. 6-1 7-2 Connect the plug on the power cord to the rear panel connector. YDP-140 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. PEDAL NLET 6-3 6-2 CAUTION 7. Connect the power cord (for YDP-160) or power adaptor (for YDP-140) to the unit. YDP-160 7-1 Set the voltage selector (for models that feature a voltage selector). 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.

8. Set the adjuster. Rotate the adjuster until it comes in firm contact with the floor surface. 240 110 9. 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. @@After the proper voltage has been selected, connect the AC power cord to the AC IN and an AC wall outlet.



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