YAMAHA

AVANTGRAND

N1X

Thank you for purchasing this Yamaha Hybrid Piano! This instrument provides touch and sound that are closer than ever to an actual acoustic grand piano for your playing enjoyment.
We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the instrument. We also recommend that you keep this manual in a safe and handy place for future reference.
Before using this instrument, be sure to read "PRECAUTIONS" on pages 5–6.
When assembling the unit, consult a qualified AvantGrand dealer. (Refer to the assembly instructions at the end of this manual.)

Nous vous remercions d'avoir acheté ce piano hybride Yamaha. Pour votre plus grand plaisir, cet instrument offre un toucher et un son qui n'ont jamais été aussi proches de ceux d'un véritable piano à queue acoustique. Nous vous conseillons de lire attentivement ce mode d'emploi afin de tirer pleinement profit des fonctions avancées et très pratiques de votre instrument. Nous vous recommandons également de garder ce manuel à portée de main pour toute référence ultérieure.
Avant d'utiliser cet instrument, lisez attentivement la section « PRÉCAUTIONS D'USAGE » aux pages 5-6.
Lors du montage de l'unité, contactez un revendeur AvantGrand agréé. (Reportez-vous aux instructions de montage figurant à la fin de ce manuel.)

Gracias por comprar este piano híbrido de Yamaha. Este instrumento ofrece pulsación y sonido que se acercan más que nunca a un piano de cola acústico real para que disfrute tocando. Le recomendamos que lea este manual detenidamente para poder aprovechar al máximo las funciones avanzadas y prácticas del instrumento. También le recomendamos que lo guarde en un lugar seguro y fácilmente accesible para futuras consultas.
Antes de utilizar el instrumento, lea la sección "PRECAUCIONES", en las páginas 5-6.
Al montar la unidad, consulte con un concesionario cualificado de AvantGrand (consulte las instrucciones de montaje al final de este manual).
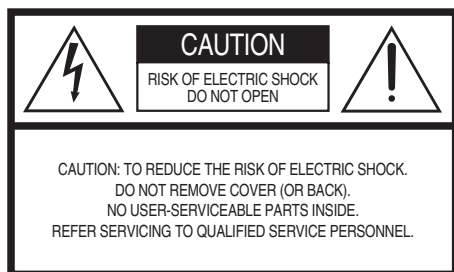
Owner's Manual
Mode d'emploi
Manual de instrucciones

SPECIAL MESSAGE SECTION

PRODUCT SAFETY MARKINGS: Yamaha electronic 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.

```
        ⚡              CAUTION              !
                 RISK OF ELECTRIC SHOCK
                      DO NOT OPEN

        CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK.
              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.

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 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 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:
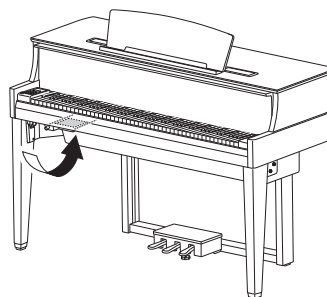
Battery Notice: This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

Warning: Do not attempt to recharge, disassemble, or incinerate this type of battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by applicable laws. Note: In some areas, the servicer is required by law to return the defective parts. However, you do have the option of having the servicer dispose of these parts for you.

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.

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 indicates 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.

Model _____

Serial No. _____

Purchase Date _____

92-469-① (bottom)

FCC INFORMATION (U.S.A.)

1. **IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!**
   This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

2. **IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

3. **NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

* This applies only to products distributed by Yamaha Corporation of America.   (class B)

COMPLIANCE INFORMATION STATEMENT
(Supplier's declaration of conformity procedure)

Responsible Party : Yamaha Corporation of America
Address : 6600 Orangethorpe Ave., Buena Park, Calif. 90620
Telephone : 714-522-9011
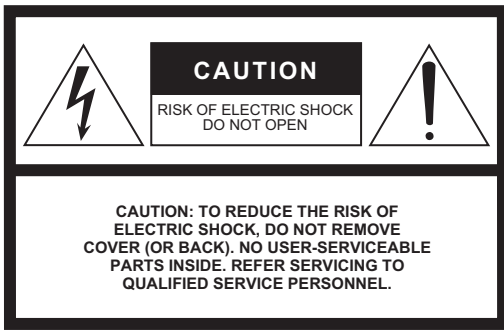Type of Equipment : Hybrid Piano
Model Name : N1X

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
1) this device may not cause harmful interference, and
2) this device must accept any interference received including interference that may cause undesired operation.

* This applies only to products distributed by   (FCC SDoC)
  Yamaha Corporation of America.

CAUTION

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The above warning is located on the bottom of the unit.

Explanation of Graphical Symbols

The lightning flash with arrowhead symbol within an 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 electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY INSTRUCTIONS

1 Read these instructions.
2 Keep these instructions.
3 Heed all warnings.
4 Follow all instructions.
5 Do not use this apparatus near water.
6 Clean only with dry cloth.
7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11 Only use attachments/accessories specified by the manufacturer.
12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13 Unplug this apparatus during lightning storms or when unused for long periods of time.
14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
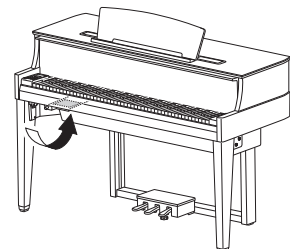
WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

(UL60065_03)

The model number, serial number, power requirements, etc., may be found on or near the name plate, which is at 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.

The name plate is located on the bottom of the unit.

(bottom_en_01)

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe and handy 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

- Do not place the power cord near heat sources such as heaters or radiators. Also, do not excessively bend or otherwise damage the cord, or place heavy objects on it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- 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.

Location (if *Bluetooth* functionality is included)

(For information on whether *Bluetooth* functionality is included or not, refer to page 50.)

- Do not use this instrument near medical devices or inside medical facilities. Radio waves from this instrument may affect electro-medical devices.
- Do not use this instrument within 15 cm (6 in) of persons with a heart pacemaker implant or a defibrillator implant. Radio waves from this instrument may affect electro-medical devices, such as a heart pacemaker implant or defibrillator implant.

Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) 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

- 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.
- Since this product is very heavy, make sure that a sufficient number of people are on hand to help, so you can lift and move it safely and easily. Attempting to lift or move the instrument by force may damage your back, result in other injury, or cause damage to the instrument itself.
- Before moving the instrument, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.
- 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.

DMI-5 1/2

- Though the wooden parts of this instrument have been designed and produced with care concerning the environment and human health, in some rare instances customers may sense an unusual odor or develop irritation in the eyes, due to the coating material and adhesive.
  To avoid this, we recommend that you observe the following:
  1. Specially ventilate the room for several days after unpacking and installing this instrument, since it has been packed in airtight conditions in order to maintain quality during transportation.
  2. If the room housing the instrument is small, continue to ventilate it normally, either daily or periodically.
  3. If you have left the instrument in a closed room for a long time under high temperature, ventilate the room, then lower the temperature if possible, before using the instrument.

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 fallboard or instrument. Also take care that the fallboard does not pinch your finger.

- Do not apply excessive force when closing the fallboard.
  A fallboard equipped with the SOFT-CLOSE™ mechanism closes the cover slowly. Applying excessive force to the fallboard when closing it could damage the SOFT-CLOSE™ mechanism, and possibly result in injury to your hands and fingers caught under the closing the fallboard.

- Never insert or drop paper, metallic, or other objects into the gaps on the fallboard, panel or keyboard. This could cause physical injury to you or others, damage to the instrument or other property, or operational failure.

- 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.

- Do not go near the instrument during an earthquake. Strong shaking during an earthquake could cause the instrument to move or tip over, resulting in damage to the instrument or its parts, and possibly causing injury.

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.

- For benches that can be adjusted, do not adjust the bench height while sitting on the bench, since this can cause excessive force to be imposed on the adjustment mechanism, possibly resulting in damage to the mechanism or even injury.

- If the bench screws become loose due to extensive long-term use, tighten them periodically using the specified tool in order to prevent the possibility of accident or injury.

- Keep special watch over any small children so that they don't fall off the rear of the bench. Since the bench does not have a backrest, unsupervised use may result in accident or injury.

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

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

Even when the [⏻] (Standby/On) switch is in standby status (power lamp is 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 power cord from the wall AC outlet.

DMI-5 2/2

NOTICE

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

■ Handling
- 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. When you use the instrument along with a smart device, such as an iPhone, iPad, etc., we recommend that you set that device's "Airplane Mode" to on and then the Wi-Fi/*Bluetooth* setting to on in order to avoid noise caused by communication.
- 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, damage to the internal components or unstable operation. (Verified operating temperature range: 5° – 40°C, or 41° – 104°F.)
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- Bumping the surface of the instrument with metal, porcelain, or other hard objects can cause the finish to crack or peel. Use caution.

■ Maintenance
- When cleaning the instrument, use a soft and dry/slightly damp cloth. Do not use paint thinners, solvents, alcohol, cleaning fluids, or chemical-impregnated wiping cloths.
- Gently remove dust and dirt with a soft cloth. Do not wipe too hard since small particles of dirt can scratch the instrument's finish.
- 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**
● Some of the data of this instrument (page 34) and the Song data saved to the internal memory of this instrument (page 28) are retained when the power is turned off. However, the saved data may be lost due to some failure, an operation mistake, etc. Save the Song data onto USB flash drive/an external device such as a computer (pages 33, 38).
Before using a USB flash drive, make sure to refer to page 31.
● To protect against data loss through USB flash drive damage, we recommend that you save your important data onto spare USB flash drive or an external device such as a computer as backup data.

Information
■ **About copyrights**
● Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
● This product incorporates and bundles contents in which Yamaha owns copyrights or with respect to which Yamaha has license to use others' copyrights. Due to copyright laws and other relevant laws, you are NOT allowed to distribute media in which these contents are saved or recorded and remain virtually the same or very similar to those in the product.
    * The contents described above include a computer program, Accompaniment Style data, MIDI data, WAVE data, voice recording data, a score, score data, etc.
    * You are allowed to distribute medium in which your performance or music production using these contents is recorded, and the permission of Yamaha Corporation is not required in such cases.

■ **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 and displays 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® Corporation in the United States and other countries.
● iPhone, iPad, iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
● Android™ is a trademark of Google LLC.
● IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
● The *Bluetooth*® word mark and logos are registered trademarks owned by *Bluetooth* SIG, Inc. and any use of such marks by Yamaha Corporation is under license.
● The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

■ **About *Bluetooth***
● For information on handling *Bluetooth* communications, refer to "About *Bluetooth*" on page 50.

■ **Tuning**
● Unlike an acoustic piano, this instrument does not need to be tuned by an expert (although the pitch can be user-adjusted to match other instruments). However, since the keyboard mechanism of this instrument is the same as that of an actual piano, the mechanism may change over years of use. However, if you feel there is something abnormal concerning the keyboard touch, contact your Yamaha dealer.
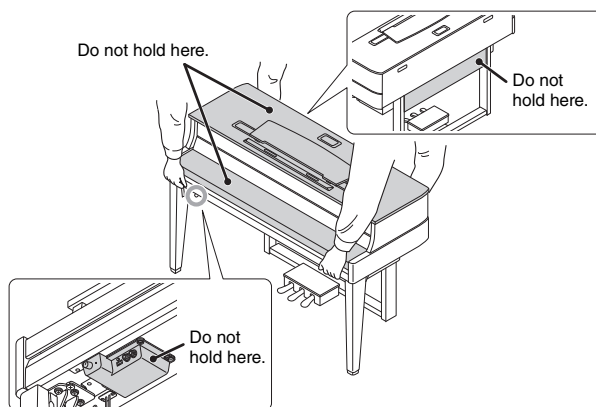

Transporting / Placing

If you move to another location, transport the instrument horizontally. Do not lean it up against a wall or stand it up side down. Do not subject the instrument to excessive vibration or shock.

⚠ *CAUTION*
• **Since this product is very heavy, make sure that a sufficient number of people are on hand to help, so you can lift and move it safely and easily.**
• **When moving the instrument, always hold the bottom of the main unit.**
Be sure not to hold the headphone jack box or the speaker net. Improper handling can result in damage to the instrument or personal injury.

Place the instrument away from the wall by at least 15 cm to optimize and enhance the sound effect. If you find the instrument shaky or unstable after installing, insert the included felt strips. For details, refer to the instructions supplied with the felt strips.

Do not hold here.

Do not hold here.

Do not hold here.

Hybrid Piano

AVANTGRAND
N1X

Combining over a century of experience in crafting world-class pianos with the latest in advanced technology, Yamaha proudly introduces an instrument that is closer than ever to an actual acoustic piano—equipped with every essential element pianists demand.

Authentic acoustic piano touch with special grand piano action and piano keyboard

An actual acoustic grand piano has an unmistakable rich expressive quality, thanks to its finely nuanced touch and exceptional response. The remarkable AvantGrand N1X is the culmination of our many decades of expertise in crafting grand pianos, and offers the discerning player a specially-developed grand piano action featuring a configuration identical to the action of a real grand. The keyboard also features real-wood keys, just as on a real grand piano, letting you enjoy an authentic touch and feel that goes far beyond any existing digital piano. In addition to a hammer sensor, this instrument employs a non-contact key sensor that has no effect on the movement of the keys, yet accurately recognizes the player's pressure on the keyboard, timing, and the other delicate nuances that affect musical expression.

Enjoy performing and practicing with the sound of famous grand pianos

This instrument puts the sound of several different renowned grand pianos at your fingertips, including the CFX, Yamaha's flagship concert grand piano—which delivers dynamic sound, from a brilliant high-range to powerful bass—and the Bösendorfer[*] Imperial, a flagship grand piano known for its subtle and warm sound.

* Bösendorfer is a subsidiary company of Yamaha.

Natural sound distance sensation for headphone play   ⮞⮞ Page 15

This instrument features a binaural sampling sound designed especially for use with headphones. Binaural sampling is a method which uses two microphones placed where the ears of a performer would be and records that piano sound. Listening to the sound created through this method with headphones gives the impression of being immersed in the sound, as if it was actually emanating from the piano.

Always in optimum condition, no need for tuning

Unlike acoustic pianos, this instrument does not need to be tuned. It always stays perfectly in tune even after long-time use.

Playback and Recording functions to support your lessons and practice   ⮞⮞ Page 26, 28, 40

You can record your performance to this instrument and a USB flash drive, and improve your performance by listening to the recording. Furthermore, this instrument has a Bluetooth* audio function, letting you play back audio data on this instrument by connecting with a *Bluetooth*-equipped device via *Bluetooth*.

* Depending on the country in which you purchased the product, the instrument may not have *Bluetooth* capability. For details, refer to page 50.

Smart Device App "Smart Pianist"

The smart device app "Smart Pianist" (available as a free download; Page 38) enables you to use the functions such as selecting Voices, controlling the metronome intuitively with the visualized interface, or display the score (depending on the selected data) on your smart device.

Table of Contents

* For information on whether *Bluetooth* functionality is included or not, refer to page 50.
** This is a quick reference for operation of the functions assigned to the buttons and keyboard.

About Manuals

This instrument has the following documents and instructional materials.

■ **Included Documents**

Owner's Manual (this book)
This manual describes how to use this instrument.

■ **Online Materials (from Yamaha Downloads)**

Smart Device Connection Manual
Explains how to connect the instrument to a smartphone or tablet, etc. You can choose from two versions (for iOS and Android) depending on your device.

Computer-related Operations
Includes instructions on connecting this instrument to a computer, and operations related to transferring files and MIDI data.

MIDI Reference
Contains MIDI related information such as MIDI Data Format and the MIDI Implementation Chart.

MIDI Basics
Contains basic explanations about MIDI.

To obtain these manuals, access the Yamaha Downloads, enter the model name for searching the desired files.

Yamaha Downloads https://download.yamaha.com/

Included Accessories

☐ Owner's Manual (this book) ×1
☐ Online Member Product Registration ×1
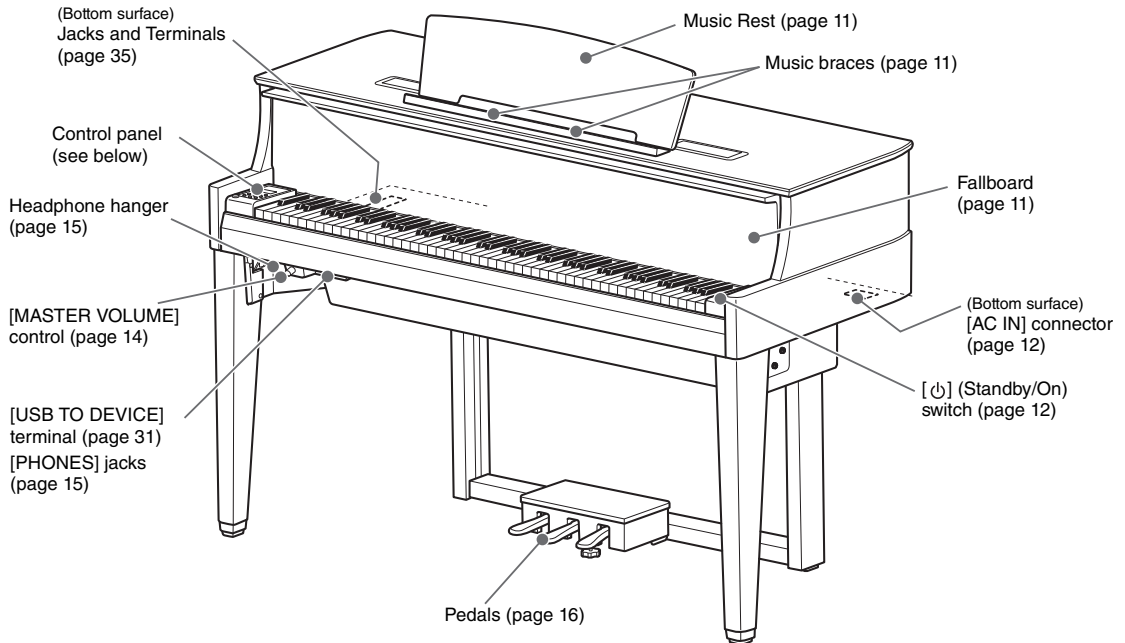☐ Warranty* ×1
☐ Felt key cover ×1
☐ Power cord ×1

☐ Bench* ×1
☐ Felt strip set ×1
   Use this if you find the instrument shaky or unstable after installing. For details, refer to the instructions supplied with the felt strips.
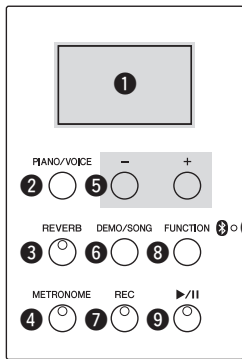
* May not be included depending on your area. Check with your Yamaha dealer.

Panel Controls and Terminals

Overview

(Bottom surface)
Jacks and Terminals (page 35)

Music Rest (page 11)

Music braces (page 11)

Control panel (see below)

Headphone hanger (page 15)

Fallboard (page 11)

[MASTER VOLUME] control (page 14)

(Bottom surface) [AC IN] connector (page 12)

[⏻] (Standby/On) switch (page 12)

[USB TO DEVICE] terminal (page 31)
[PHONES] jacks (page 15)

Pedals (page 16)

Control Panel

❶ Display ....See below.
❷ [PIANO/VOICE] button ....pages 15, 16, 17, 20, 21
❸ [REVERB] button .... page 22
❹ [METRONOME] button ....pages 19, 20
❺ [+]/[-] button
❻ [DEMO/SONG] button ....pages 18, 26, 28
❼ [REC] button.. page 29
❽ [FUNCTION] button.............................pages 13, 22, 23, 51
❾ [▶/Ⅱ] (PLAY/PAUSE) button.............................pages 26, 29
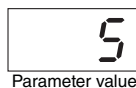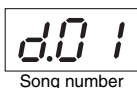❿ ᛒ (*Bluetooth* lamp) ....pages 40, 50

For information on whether *Bluetooth* functionality is included or not, refer to page 50.

Square brackets [ ]
The names of panel buttons, jacks, connectors, and so on are enclosed in square brackets. Also, the word "button" is omitted throughout this manual (for example, the PIANO/VOICE button is expressed as [PIANO/VOICE]).

Display
Indicates various values such as Song number and Parameter value. Note that the display turns dark after the value is set.
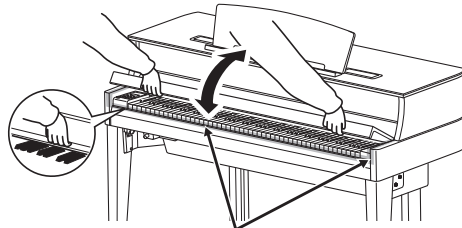
d.01
Song number

5
Parameter value

This display also indicates various messages with alphanumeric characters. For details, refer to page 42.

Playing the Keyboard

Opening/Closing the Fallboard

To open the fallboard, hold the hand grip with both hands, then lift the fallboard slightly, and push it up until it is fully upright. To close the fallboard, lower the fallboard back in place gently with both hands.

⚠ **CAUTION**
Be careful to avoid catching your fingers when opening/closing the fallboard.

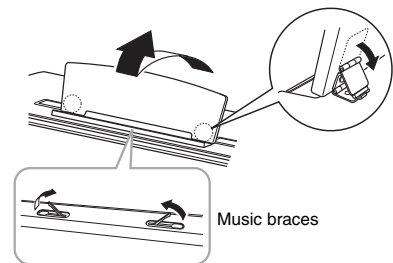The fallboard is equipped with the special SOFT-CLOSE™ mechanism which closes the cover slowly.

⚠ **CAUTION**
- **Hold the fallboard 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 fallboard and the unit.**
- **Do not apply excessive force when closing the fallboard. Applying excessive force to the fallboard when closing it could damage the SOFT-CLOSE™ mechanism, and possibly result in injury to your hands and fingers caught under the closing fallboard.**
- **Do not place anything (such as metal objects or pieces of paper) on top of the fallboard. Small objects placed on the fallboard may fall inside the unit when the fallboard is opened and may be nearly impossible to remove. Once inside, they could cause electric shock, short circuit, fire or other serious damage to the instrument.**

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.**

Music braces allow you to hold the pages of music books in place.
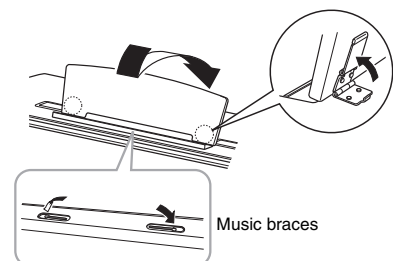
Music braces

To lower the music rest:

Close the music braces if they are open, and then lower the music rest by following the instructions below.

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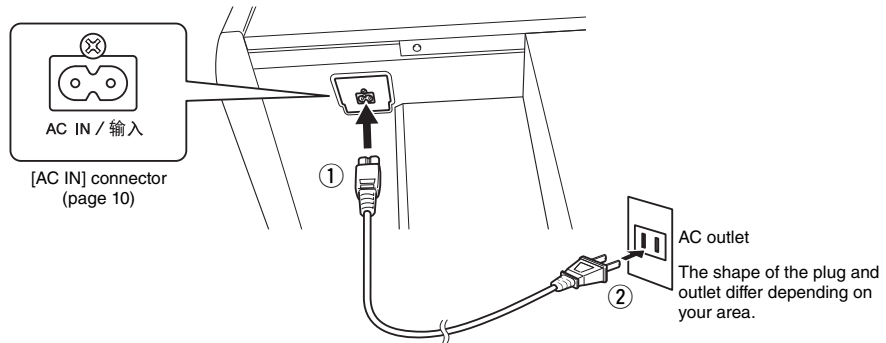
⚠ **CAUTION**
Do not try to use the music rest in a half-raised position. When raising or lowering the music rest, do not release your hands from the music rest until it is all the way up or down.

Music braces

Turning the Power On/Off

1 Connect the power cord in the order shown in the illustration.

Refer to the "Panel Controls and Terminals" on page 10 for information on the location of the [AC IN] connector.

AC IN / 输入

[AC IN] connector
(page 10)

① ②

AC outlet

The shape of the plug and outlet differ depending on your area.

NOTE
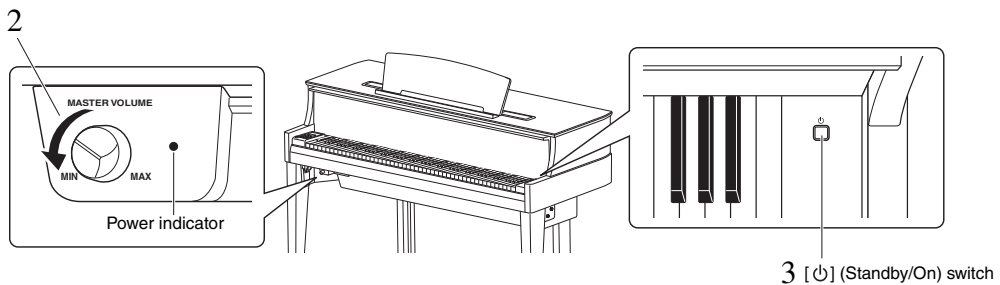When disconnecting the power cord, first turn off the power, then follow this procedure in reverse order.

⚠ *WARNING*
- **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.**

⚠ *CAUTION*
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.

2 Turn down the [MASTER VOLUME] control to "MIN."

MASTER VOLUME

MIN   MAX

Power indicator

3 [⏻] (Standby/On) switch

3 Press the [⏻] (Standby/On) switch on the right of the keyboard to turn the power on.

The power indicator located on the right of the [MASTER VOLUME] control lights up. The display indicators flash in a pattern, indicating the instrument is currently starting up, and stop flashing when startup is completed.

NOTICE
Do not press any keys, buttons or pedals until the instrument has completely started up (roughly ten seconds after turning on the switch). Doing so may cause some keys to not play normally or some other malfunction to occur.

4 Play the keyboard.

While playing the keyboard, adjust the volume level by using the [MASTER VOLUME] control located at the left of the panel.

Level decreases.   MASTER VOLUME   Level increases.

MIN   MAX

USB T

5 **Turn off the power by pressing the [⏻] (Standby/On) switch for about a second.**

The power gradually turns off.

⚠ **CAUTION**
Even after the power switch is turned off, electricity is still flowing to the instrument at the minimum level. Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.
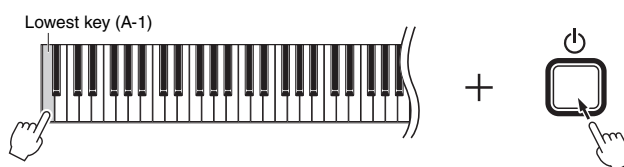
Auto Power Off function

To prevent unnecessary power consumption, this instrument features an Auto Power Off function that automatically turns the power off if the instrument is not operated for approximately 30 minutes.

Default setting: On (enabled)

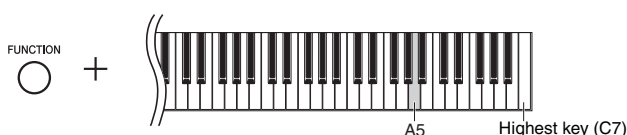### Disabling Auto Power Off (simple method)
Turn the power on while holding down the lowest key on the keyboard.

Lowest key (A-1)

The indication "$P\text{-}oF$" appears on the display briefly and Auto Power Off is disabled.

Disabling or enabling the Auto Power Off setting
While the power is on, simultaneously hold down [FUNCTION] and press the A5 key. Pressing the A5 key repeatedly in this condition toggles between "OFF" (disabled) and "On" (enabled), and the setting appears on the display.
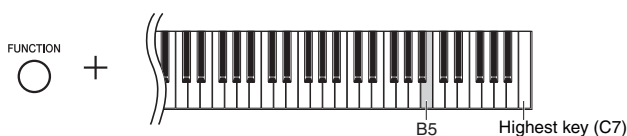
FUNCTION + A5   Highest key (C7)

NOTE
The Auto Power Off setting is retained even when the power is turned off.

Confirming the Firmware Version

You can confirm the firmware version of your instrument.

While holding down [FUNCTION], press the B5 key. The current version appears briefly on the display.
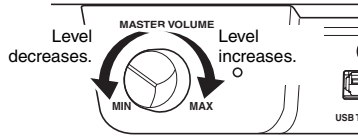
FUNCTION + B5   Highest key (C7)

Yamaha may from time to time update firmware of the product without notice for improvement.
Make sure to check our website for information of the latest release and upgrade the firmware for your instrument.

Adjusting the Master Volume

To adjust the volume level by using the [MASTER VOLUME] control located at the front left, just below the keyboard while playing the keyboard.

⚠ **CAUTION**
Do not use this instrument at a high volume level for a long period of time, to avoid hearing damage.

Intelligent Acoustic Control (IAC)

This function automatically adjusts and controls the sound quality according to the overall volume of the instrument. Even when the volume is low, it permits both low sounds and high sounds to be clearly heard. Note that the IAC is effective only from the sound output of the instrument speakers.
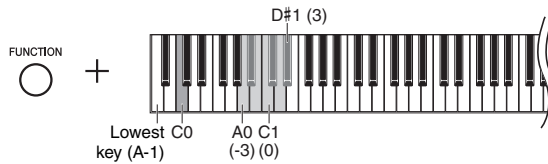
● **To turn on/off the IAC:**
While holding down [FUNCTION], press the C0 key repeatedly (if necessary). The setting ("On" or "OFF") appears on the display.

Default setting: On

● **To adjust the IAC Depth:**
While holding down [FUNCTION], press one of the keys between A0–D♯1.
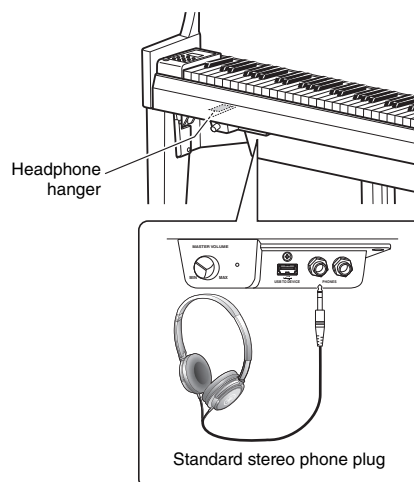

Setting range: -3 – 0 – 3
Default setting: 0

The higher the value, the more clearly that low and high sounds are heard at lower volume levels.

Using Headphones

Since this instrument is equipped with two [PHONES] jacks, you can connect two sets of standard stereo headphones. If you are using only one set of headphones, insert a plug into either jack; this automatically shuts off the speakers. You can conveniently hang the headphones on the headphone hanger.

Headphone
hanger

⚠ **CAUTION**
Avoid listening to the instrument at a high volume level through head-phones for a long period of time, to prevent hearing damage.

NOTICE
Do not hang anything other than the headphones on the hanger. Other-wise, the instrument or the hanger may be damaged.

Standard stereo phone plug

Reproducing the Natural Sound Distance Sensation (when using Headphones)—Binaural Sampling and Stereophonic Optimizer

This instrument features two advanced technologies that allow you to enjoy exceptionally realistic, natural sound, even though listening on headphones.

● **Binaural Sampling ("CFX Grand" Voice only)**
Binaural sampling is a method that uses two special microphones set at the ear position of a performer and records the sound from a piano as it is. Listening to the sound with this effect through headphones gives the impression of being immersed in the sound, as if it was actually emanating from the piano. Moreover, you can enjoy the sound naturally for a long time without ear strain. When the default Voice, "CFX Grand" (page 17) is selected, connecting the headphones automatically enables the binaural sampling sound.

● **Stereophonic Optimizer (Piano Voices other than "CFX Grand")**
The Stereophonic Optimizer is an effect which reproduces natural sound distance like the sound of binaural sampling even though you hear it on headphones. When one of the Piano Voices other than "CFX Grand" (Display numbers 2–5; page 17) is selected, connecting headphones enable the Stereophonic Optimizer.

Turning the Binaural Sampling and Stereophonic Optimizer functions on/off

When headphones are connected, the sound from this instrument changed to the sound of Binaural Sampling or the sound enhanced with the Stereophonic Optimizer. Since these sounds are optimized for listening with headphones, we recommend that you set this function to "OFF" (as described below).
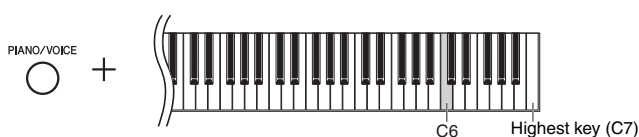

You should turn these functions off when:
• Playing the sound of this instrument with an external powered speaker system or a mixer, while monitoring the sound output from this instrument on connected headphones.
• Making an audio recording (page 28) and then playing that recorded audio Song through speakers.
  (Make sure to turn off these functions before using audio recording.)

NOTE
Before connecting an external powered speaker system, be sure to read "Using an External Stereo System for Playback—AUX OUT [R] [L/L+R] jacks" (page 36).
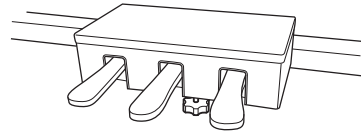

While holding down [PIANO/VOICE], press the C6 key repeatedly (if necessary) to turn this function on/off. The setting ("*On*" or "*OFF*") appears on the display.

Default setting: On

PIANO/VOICE

C6   Highest key (C7)

Using the Pedals

The instrument has three pedals that produce a range of
expressive effects similar to those produced by the pedals on
an acoustic piano.

Damper Pedal (Right)

Pressing this pedal will sustain notes longer. Releasing this pedal immediately stops
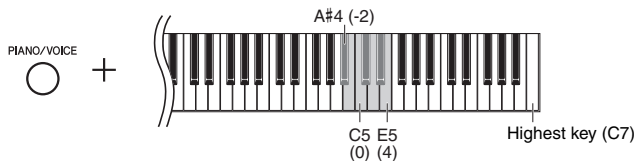(damps) any sustained notes. The damper pedal features a half-pedal function.

If you press and hold the damper pedal here,
all the notes shown will be sustained.

● **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 (murk-
iness).

● **To set the Half Pedal Point:**

While holding down [PIANO/VOICE], press one of the A♯4–E5 keys. This operation
sets the degree to which pressing the damper pedal applies the half-pedal effect. The
smaller the value, the shallower the half-pedal point. The larger the value, the deeper
the half-pedal point.

A#4 (-2)

PIANO/VOICE

+

C5 E5
(0) (4)

Highest key (C7)

Setting range: -2 – 4
Default setting: 0

> **GP Responsive Damper Pedal**
>
> This special pedal has been designed to provide enhanced tactile response and, when
> pressed, is much closer in feel to the pedal of an actual grand piano. It makes it easier
> to physically experience the half-pedal point and more easily apply the half-pedal
> effect than other pedals.

Sostenuto Pedal (Center)

Pressing this pedal while holding the notes will sustain the pressed notes (as if the
damper pedal had been pressed), but all subsequently played notes will not be sus-
tained. This makes it possible to sustain a chord, for example, while the other notes are
played "staccato."

NOTE
While the sostenuto pedal is held, the
Organ Voices (Display numbers 12–15;
page 17) sound continuously without decay
after the notes have been released.

If you press and hold the sostenuto pedal here, only
the notes held at this timing will be sustained.

Soft Pedal (Left)

Pressing this pedal will reduce the volume and slightly change the timbre of the notes.
The notes played before this pedal is pressed are not affected.

Basic Operations and More

Selecting a Voice

● **To select the "CFX Grand" Voice:**
Simply press [PIANO/VOICE]. "1" will appear on the display.

● **To select a different Voice:**
While holding down [PIANO/VOICE], press [+] or [-]. Pressing the buttons switches through the 15 Voices in numerical order, as indicated in the Voice List below.

Voice List

Display	Voice name	Description	VRM*
1	CFX Grand	Four-channel Voice featuring multi sampling of Yamaha's CFX flagship concert grand piano sound, with wide dynamic range for maximum expressive control. It is suitable for playing in any music genre and style. When headphones are connected, this Voice is automatically changed to "Binaural CFX Grand" (below).	○
	Binaural CFX Grand	Yamaha's CFX flagship concert grand piano sound sampled by Binaural Sampling, the method optimized for headphone use. Listening this through headphones gives the impression of being immersed in the sound, as if it was actually emanating from the piano. This Voice is selected automatically when headphones are connected. Refer to page 15 for details. (This Voice cannot be selected following the procedure of "Selecting a Voice" instructions above.)	○
2	Bösendorfer Imperial	The sound of the famed Vienna-made Bösendorfer flagship grand piano, utilizing four-channel sampling. This Voice has a rich and captivating sound, ideal for expressing the most delicate and tender musical passages.	○
3	Bright Grand	Bright piano sound. Good for clear expression and "cutting through" other instruments in an ensemble.	○
4	Bösendorfer Grand	The Bösendorfer grand piano sound with a lively attack and brilliant presence.	○
5	Pop Grand	A bright, richly metallic sound ideal for pop music styles and for playing in ensembles.	○
6	Stage E.Piano	The sound of an electric piano using hammer-struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.	-
7	DX E.Piano	An electronic piano sound produced by an FM synthesizer. The tone will change as you vary your playing touch. Ideal for popular music.	-
8	Vintage E.Piano	A different type of electric piano sound than Stage E.piano. Widely used in rock and popular music.	-
9	Harpsichord 8'	The sound of the instrument frequently used in baroque music. Variations in playing touch will not affect the volume, and a characteristic sound will be heard when you release the key.	-
10	Harpsichord 8'+4'	A harpsichord with an added upper octave. Produces a more brilliant sound. Variations in playing touch will not affect the volume.	-
11	Celesta	The sound of a celesta (a percussion instrument in which hammers strike metallic bars to produce sound). This instrument is well-known for its appearance in "Dance of the Sugarplum Fairies" from Tchaikovsky's "Nutcracker Suite."	-
12	Organ Principal	This Voice features the combination of pipes (8'+4'+2') of a principal (brass instrument) organ. It is suitable for Baroque church music.	-
13	Organ Tutti	This Voice features a full coupler of a pipe organ, famous for the sound used in "Toccata and Fugue" by Bach.	-
14	Jazz Organ	The sound of a "tonewheel" type electric organ. Sampled with Rotary SP effect, its rotation speed is slow. Often heard in jazz and rock idioms.	-
15	Organ Flute	A pipe organ sound that combines flute-type (woodwind type) stops of different pitches (8'+4'). This is a gentle sound that is ideal for accompanying hymns.	-

*VRM: Simulated string resonance sound with physical modeling when the damper pedal is pressed or keys are pressed. Refer to page 21 for details.

Listening to the Voice Demo Songs

Demo Songs effectively demonstrate each of this instrument's Voices.

1 **Select the Voice (page 17) for the Demo Song that you want to listen to.**

2 **Press [DEMO/SONG].**

The Demo Song for the Voice selected in Step 1 starts.

To change the Demo Song during playback:
Press [+] or [-].

To adjust the playback tempo:
While holding down [METRONOME], press [+] or [-].

To pause playback:
During playback, press [▶/❙❙] (Play/Pause) to pause playback. Pressing it again resumes Demo Song playback from the current position.

3 **Press [DEMO/SONG] again to stop playback.**

Demo Song List

Display	Voice Name	Song Name	Composer
d.01	CFX Grand	Prelude, Suite bergamasque	C. A. Debussy
	Binaural CFX Grand		
d.02	Bösendorfer Imperial	Consolation No.3	F. Liszt
d.03	Bright Grand	Italienisches Konzert, BWV 971-1 1st mov.	J. S. Bach
d.04	Bösendorfer Grand	Original	-
d.05	Pop Grand	Original	-
d.06	Stage E.Piano	Original	-
d.07	DX E.Piano	Original	-
d.08	Vintage E.Piano	Original	-
d.09	Harpsichord 8'	Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV 1058	J. S. Bach
d.10	Harpsichord 8'+4'	Gigue, Französische Suiten No.5, BWV 816	J. S. Bach
d.11	Celesta	Danse de la Fée Dragée	P. I. Tchaikovsky
d.12	Organ Principal	Herr Christ, der ein'ge Gottes-Sohn, BWV 601	J. S. Bach
d.13	Organ Tutti	Original	-
d.14	Jazz Organ	Original	-
d.15	Organ Flute	Original	-

The Songs d.04–d.08 and d.13–d.15 are Yamaha's original pieces (©2018 Yamaha Corporation).

NOTE
You can play the keyboard along with the Demo Song.

NOTE
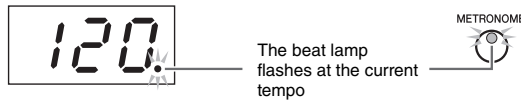No MIDI data will be output during Voice Demo playback.

NOTE
The "Binaural CFX Grand" Voice is automatically selected when you select the "CFX Grand" Voice while headphones are connected. Refer to the "Voice List" on page 17 for details.

Using the Metronome

The metronome feature is convenient for practicing with an accurate tempo.

1 Press [METRONOME] to start the metronome.

While the metronome sounds, a dot at the right side of the LED display and the lamp of the metronome button flash on and off to the tempo.
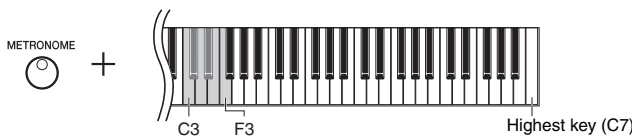

The beat lamp flashes at the current tempo

METRONOME

2 Press [METRONOME] again to stop the metronome.

Selecting the Beat

While holding down [METRONOME], press one of the C3–F3 keys. The selected value is shown on the display while both controls are held.

METRONOME +

C3   F3   Highest key (C7)
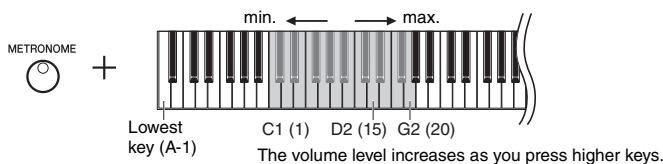
Beat

Default setting: 0 (No 1st beat accent)

NOTE
The Beat of the metronome is restored to the default setting when the power is turned off.

Display	Key	Beat	Display	Key	Beat
0	C3	0 (no 1st beat accent)	4	D#3	4
2	C#3	2	5	E3	5
3	D3	3	6	F3	6

Only the first beat is accented with a bell sound when set to a value other than 0.

Adjusting the Metronome volume

While holding down [METRONOME], press one of the C1–G2 keys to set the volume. The specified value is shown on the display while both controls are held.

min. ← → max.

METRONOME +

Lowest key (A-1)

C1 (1)   D2 (15) G2 (20)

The volume level increases as you press higher keys.

Setting range: 1–20
Default setting: 15

NOTE
You can adjust the metronome volume when it is stopped or while it is playing.

Adjusting the Tempo

The tempo of Metronome can be adjusted. You can also adjust the playback tempo of a MIDI Song (page 25) as well as the playback speed of an Audio Song (page 25) as they are playing.

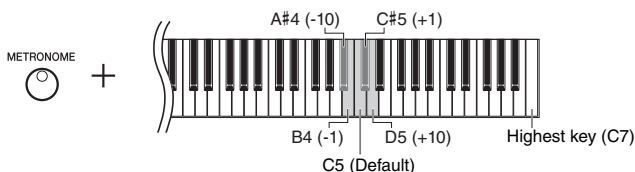● **To increase or decrease the value by 1:**
While holding down [METRONOME], press [+] (or the C♯5 key) to increase or [-] (or the B4 key) to decrease. While only the Metronome is playing, simply press [+] or [-] to change the tempo of the Metronome.

● **To increase or decrease the value by 10:**
While holding down [METRONOME], press the D5 key to increase or the A♯4 key to decrease.

● **To reset the value to the default:**
While holding down [METRONOME], press the C5 key or press [+] and [-] simultaneously. While only the Metronome is playing, simply press both [+] and [-] simultaneously to reset the Metronome to its default tempo.

NOTE
Adjusting the tempo of Metronome cannot be done during the playback of Audio Songs (page 25).

Metronome
Setting range: 5 to 500 beats per minute
Default setting: 120

MIDI Song
Setting range: 5 to 500 beats per minute
Normal setting: Depends on the selected Song

Audio Song
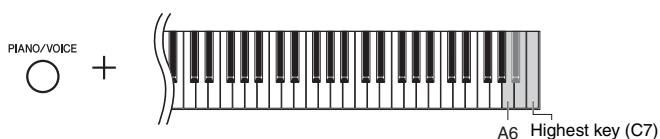Setting range: 75% to 125%
Normal setting: 100%

NOTE
The metronome tempo is restored to the default setting when the power is turned off.

METRONOME +

A♯4 (-10) C♯5 (+1)
B4 (-1) D5 (+10) Highest key (C7)
C5 (Default)

Changing the Touch Sensitivity

You can specify the Touch Sensitivity (how the sound responds to the way you play the keys).

While holding down [PIANO/VOICE], press one of the A6–C7 keys. The selected Touch Sensitivity is shown on the display while both controls are held.

PIANO/VOICE +

A6 Highest key (C7)

Default setting: 2 (Medium)

NOTE
The touch type is restored to the default setting when the power is turned off.

NOTE
This setting does not change the weight of the keyboard, but only the response.

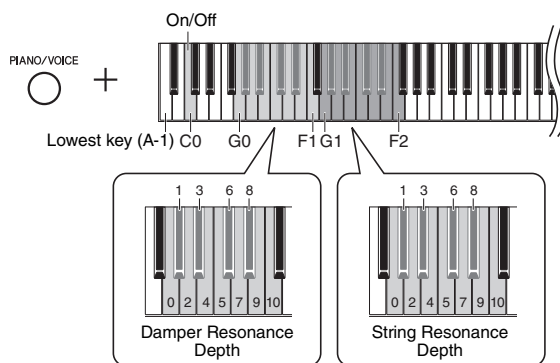| Display	Key	Touch Sensitivity	Description
OFF	A6	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.
1	A♯6	Soft	The volume level does not change much when you play the keyboard soft or hard.
2	B6	Medium	This is the standard piano touch response.
3	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.

Playing the Realistic Resonance-enhanced VRM Voices

On an actual acoustic piano, if you press the damper pedal and play a key, not only does the string of the pressed key vibrate, it also causes other strings and the soundboard to vibrate, with each influencing the rest, creating a rich and brilliant resonance that sustains and spreads. The VRM (Virtual Resonance Modeling) technology featured in the N1X reproduces the complicated interaction of both string and soundboard resonance faithfully using a virtual musical instrument (physical modeling), and makes the sound more like a real acoustic piano. Since instantaneous resonance is made at the moment according to the state of the keyboard or pedal, you can vary the sound expressively by changing the timing of your pressing the keys, and the timing and depth of your pressing the pedal.

The default setting of this function is on. Simply by selecting a VRM Voice (page 17), you can enjoy the VRM effect. You can turn the VRM function on or off, and adjust the depth.

Turning the VRM function on or off

While holding down [PIANO/VOICE], press the C0 key repeatedly (if necessary).

Adjusting the depth of the VRM effect

While holding down [PIANO/VOICE], press one of the keys in the ranges of G0–F1 and G1–F2. During the operation, the specified value is shown on the display.

Display	Key	Value	Description
0-10	G0–F1	Damper Resonance Depth	Adjusts the depth of the VRM effect heard when pressing the damper pedal.
0-10	G1–F2	String Resonance Depth	Adjusts the depth of the VRM effect heard when playing the keyboard.

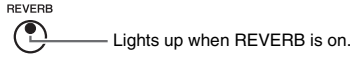Default setting: 5

Default setting: 5

NOTE
The depth of the VRM effect is restored to the default setting when the power is turned off.

Enhancing the Sound with Reverb

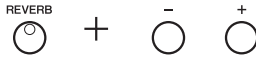The Reverb effect simulates the natural reverberation of a concert hall.

Turning the Reverb on or off
Press [REVERB] repeatedly (if necessary).

REVERB

— Lights up when REVERB is on.

Adjusting the Reverb Depth
While holding down [REVERB], press [+] or [-]. The current value is shown on the display while both controls are held.

REVERB   +   −   +

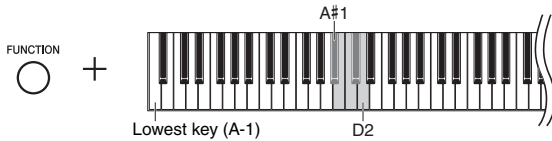To restore the default value, press [+] and [-] simultaneously while holding [REVERB].

Setting range: 1–20
Default setting: 5

NOTE
The Reverb Depth is restored to the default setting when the power is turned off.

NOTE
Holding [REVERB] shows the Reverb Depth value on the display.

Adjusting the Brightness of the Sound (Brilliance)

To adjust the brightness of the sound, simultaneously hold down [FUNCTION] and press one of the A♯1–D2 keys. During the operation, the specified value is shown on the display.

A♯1

FUNCTION   +

Lowest key (A-1)   D2

Display	Key	Brilliance	Description
1	A♯1	Mellow 2	Soft and mellow tone. The sound becomes more mellow and rounder.
2	B1	Mellow 1	A mellow tone between Normal and Mellow 2.
3	C2	Normal	Standard tone.
4	C♯2	Bright 1	A bright tone between Normal and Bright 1.
5	D2	Bright 2	Bright tone. The sound becomes brighter.

Default setting: 3 (Normal)

Transposing the Pitch in Semitones

You can shift the pitch of the entire keyboard up or down in semitones to facilitate playing in difficult key signatures and match the pitch of the keyboard to the range of a singer or other instruments. For example, if "+5" is selected, playing the key C produces a pitch of F, letting you play a song of F major as though it were in C major.
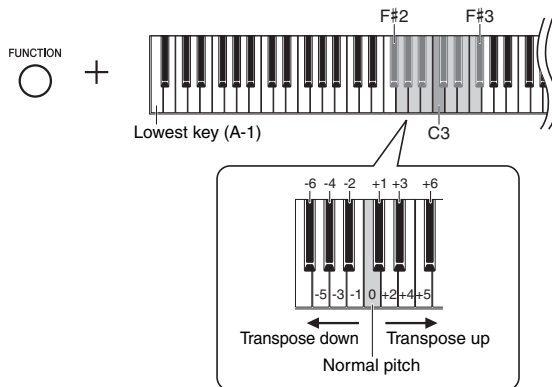
● **To transpose the pitch down:**
While holding down [FUNCTION], press a key between F#2 (-6) and B2 (-1).

● **To transpose the pitch up:**
While holding down [FUNCTION], press a key between C#3 (+1) and F#3 (+6).

● **To restore the original pitch:**
While holding down [FUNCTION], press the C3 key.

Default setting: 0 (Normal pitch)
Setting range: -6 – +6

NOTE
The Transpose value is restored to the default setting when the power is turned off.

The specified value is shown on the display.

Fine-tuning the Pitch

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

During the operation described below, you can check the Pitch value shown on the display. (The hundreds place value has been omitted.)

Example: 442.0Hz

● **To tune up (in roughly 0.2Hz steps):**
While holding down [FUNCTION], press [+]. Holding down both buttons shows the current pitch setting (Hz).

● **To tune down (in roughly 0.2Hz steps):**
While holding down [FUNCTION], press [-]. Holding down both buttons shows the current pitch setting (Hz).

● **To restore standard pitch:**
While holding down [FUNCTION], press [+] and [-] simultaneously. Holding down all three buttons shows the current pitch setting (Hz).

NOTE
The pitch value on the display will disappear shortly after the operation.

NOTE
The tuning value is retained even when the power is turned off.

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.
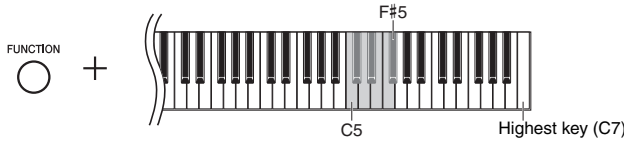
Setting range: 414.8–466.8Hz (=A3)
Default setting: 440.0Hz (=A3)

Setting the Scale Tuning

You can select various scales for the instrument. Equal Temperament is the most common contemporary piano tuning scale. However, history has known numerous other scales, many of which serve as the basis for certain genres of music. This feature lets you experience the tunings of these genres.

Selecting a Scale

While holding down [FUNCTION], press one of the C5–F#5 keys. Holding down both controls shows the current value on the display.
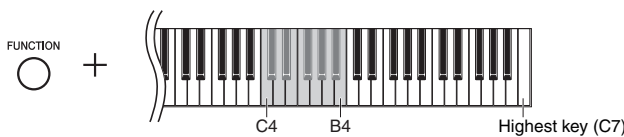
Default setting: 1 (Equal)

NOTE
The scale is restored to the default setting when the power is turned off.

Display	Key	Scale	Description
1	C5	Equal	The pitch range of each octave is divided equally into twelve parts, with each half-step evenly spaced in pitch. This is the most commonly used tuning in music today.
2	C#5	Pure Major	These tunings preserve the pure mathematical intervals of each scale, especially for triad chords (root, third, fifth). You can hear this best in actual vocal harmonies—such as choirs and a cappella singing.
3	D5	Pure Minor	
4	D#5	Pythagorean	This scale was devised by the famous Greek philosopher and is created from a series of perfect fifths, which are collapsed into a single octave. The 3rd in this tuning are slightly unstable, but the 4th and 5th are beautiful and suitable for some leads.
5	E5	Mean-Tone	This scale was created as an improvement on the Pythagorean scale, by making the major third interval more "in tune." It was especially popular from the 16th century to the 18th century. Handel, among others, used this scale.
6	F5	Werckmeister	This composite scale combines the Werckmeister and Kirnberger systems, which were themselves improvements on the mean-tone and Pythagorean scales. The main feature of this scale is that each key has its own unique character. The scale was used extensively during the time of Bach and Beethoven, and even now it is often used when performing period music on the harpsichord.
7	F#5	Kirnberger	

Selecting the Base Note

For scales 2 and 3 in particular, you should specify the key you intend to play (Base Note). While holding down [FUNCTION], press one of the C4–B4 keys. Holding down both controls shows the current value on the display.
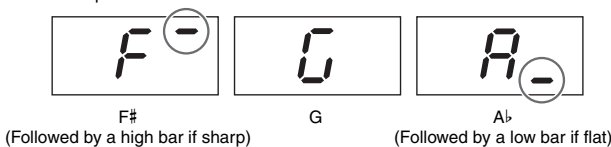
Default setting: C

NOTE
The base note is restored to the default setting when the power is turned off.

Key	Base Note	Key	Base Note	Key	Base Note	Key	Base Note
C4	C	D#4	E♭	F#4	F#	A4	A
C#4	C#	E4	E	G4	G	A#4	B♭
D4	D	F4	F	G#4	A♭	B4	B

Example:

F
F#
(Followed by a high bar if sharp)

C
G

A
A♭
(Followed by a low bar if flat)

Playing Back Songs

This instrument can play back Songs contained in internal memory or USB flash drive connected to the [USB TO DEVICE] terminal. There are two kinds of Songs that can be played back: MIDI Songs and Audio Songs.

● **Song data formats that can be played**

	MIDI Songs	Audio Songs
Songs	A MIDI Song contains data of your keyboard performance (such as which keys you played and how hard you played them), and is not a recording of the actual sound itself. The performance information refers to which keys are played, at what timing, and at what strength—just as in a musical score. Based on the recorded performance information, the tone generator (of the digital piano, etc.) outputs the corresponding sound. A MIDI Song uses a small amount of data capacity in comparison to audio recording.	An Audio Song is a recording of the performed sound itself. This data is recorded in the same way as that used in recording cassette tapes, or with voice recorders, etc. This data can be played with a portable music player, etc., allowing you to easily let other people hear your performance.
Data formats	**SMF (Standard MIDI File) Formats 0 and 1** One of the most common and widely compatible MIDI formats used for storing sequence data. MIDI Songs recorded in this instrument are saved as SMF Format 0.	**WAV format (.wav)** Audio file format commonly used by computers. This instrument can play 44.1kHz/16bit stereo WAV files. Audio Songs recorded on this instrument are saved in this format.
Extension	.MID	.WAV

NOTE
When playing back MIDI Songs containing Voices that are incompatible with this instrument such as XG and GM Songs, the Voices may not sound as intended on the original. In addition, Song data of MIDI channels 3–16 cannot be played back, since this instrument can recognize only MIDI channels 1 and 2. This is why you should only play back Songs which have data of only MIDI channels 1–2, to which the piano performance is assigned.

Compatible Songs

Song Category List (XX indicates numerals.)

Song Category		Song Number	Description
d.XX	Voice Demo Song (MIDI Song)	d.01–d.15	Each Song effectively demonstrates each of this instrument's Voices (page 18).
P.XX	Preset Song (MIDI Song)	P.01–P.10	10 Preset Songs in the instrument. Refer to the Preset Song List on page 44.
A.XX*	Audio Song in USB flash drive	A.00–A.99	User Songs which have been recorded with this instrument (page 28)
C.XX**		C.00–C.99**	External Songs, commercially available or which have been recorded on a computer, etc.
S.XX*	MIDI Song in USB flash drive	S.00–S.99	User Songs which have been recorded with this instrument (page 28)
F.XX**		F.00–F.99**	External Songs, commercially available or which have been recorded on a computer, etc.
U.XX	MIDI Song in internal memory of this instrument	U.01–U.10	User Songs which have been recorded to internal memory of the instrument (page 28)
		L.00–L.99**	External Songs (commercially available or which have been recorded on a computer, etc.) transferred from a computer to this instrument. For information on connecting this instrument to a computer, refer to page 38.

* Shown only when USB flash drive is connected.
** When data does not exist, the Song number is not displayed.

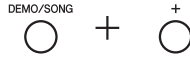● **User Songs and External Songs**
Songs recorded by this instrument are called "User Songs" while Songs created in other ways or on other instruments are called "External Songs." In USB flash drive, Songs in the USER FILES folder are handled as User Songs while Songs in a location other than the USER FILES folder are handled as External Songs. When you record a Song to USB flash drive, a USER FILES folder is created automatically and the resulting User Song will be saved in this folder.

Playing Back Songs

To play back a Song on a USB flash drive:
Read "About USB Devices" (page 31), then connect the USB flash drive to the [USB TO DEVICE] terminal, and follow the instructions below.

1 **While holding down [DEMO/SONG], press [+] to select the desired Song Category (page 25).**
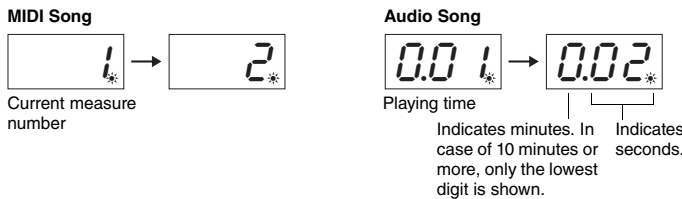
DEMO/SONG   +

2 **Press [+] or [-] to select the specific Song number (see "Song Category List" on page 25), or "*.⌐ d" (random) or "*.ℛL"(all).**

   ● Song number ....Plays back only the selected Song.

   ● *.⌐ d ....Plays back the Songs of this type continuously in random order.

   ● *.ℛL ....Plays back all the Songs of this type continuously in sequential order.

   The asterisk (*) indicates "P", "ℛ", "ℂ", "5", "F" or "U" designation in the display.

3 **Press [▶/Ⅱ] (Play/Pause) to start playback.**
   During playback, the current measure number (for MIDI Songs) or playing time (for Audio Songs) is shown on the display.

   MIDI Song

   | 1 | → | 2 |

   Current measure
   number

   Audio Song

   | 0.0 1 | → | 0.0 2 |

   Playing time

   Indicates minutes. In
   case of 10 minutes or
   more, only the lowest
   digit is shown.

   Indicates
   seconds.

   For information on operations such as Pause, Rewind, Fast Forward, etc., refer to "Playback-related Operations" on page 27.

4 **Press [DEMO/SONG] to stop playback.**
   If a specific Song number is selected in Step 2, playback stops automatically when the end of the Song is reached.

NOTE
The Song Categories will appear on the display in the following order:
d.XX → P.XX → (ℛ.XX) → (ℂ.XX) → (5.XX) → (F.XX) → U.XX → d.XX etc.
"ℛ.XX", "ℂ.XX", "5.XX" and "F.XX" are shown only when a USB flash drive is connected. ℂ.XX and F.XX are not displayed when data does not exist.

NOTE
During playback of a Demo Song, "*.⌐ d" or "*.ℛL" cannot be selected.

NOTE
Song indications such as "F.00" and "ℂ.00" may not appear immediately depending on the amount of the folders in the USB flash drive.

NOTE
This instrument can select or play Songs saved to only the first, second, or third hierarchical folder level. For details, refer to page 32.

NOTE
• During Demo Song playback, the current measure number is not shown on the display.
• During playback of a MIDI Song, the Voice of the keyboard performance is automatically set to the Voice of the MIDI Song. When you stop playback, the Voice of the keyboard performance will be restored to the Voice last selected.
• If you select the Voice "Celesta" (page 17) and then start playback of a MIDI Song, your keyboard performance will sound one octave higher than usual during playback of the MIDI Song.
• The metronome can be used during playback. It will automatically stop when playback is stopped.
• When playing back External Songs on a USB flash drive, actual playback is done in numerical or alphabetical order, according to the Song titles.
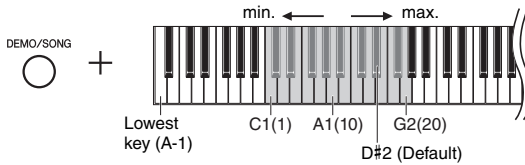
Playback-related Operations

Adjusting the tempo (MIDI Song) or playback speed (Audio Song)

You can change the playback tempo of a MIDI Song. You can also adjust the playback speed of an Audio Song during its playback.

While holding down [METRONOME], press [+] / [-] or C♯5/B4 key to increase or decrease the value. To reset the value to default, press [+] and [-] simultaneously while holding down [METRONOME]. For details, refer to page 20.

Adjusting the volume (only for Audio Song)

The volume level of this instrument may be markedly different from that of commercially available Audio Song or one recorded on another device. To adjust the volume of the Audio Song, press one of the C1–G2 keys while holding down [DEMO/SONG].

The higher the key, the greater the volume.

Pause

During playback, press [▶/❚❚] to pause playback. The display will also pause and the [▶/❚❚] lamp will flash. Pressing it again resumes Song playback from the current position.

Rewind/Fast forward

During playback, press [-] or [+] to move back or forth through the measures. Pressing one of these buttons once moves one measure back/forward for MIDI Songs, or one second for Audio Songs.
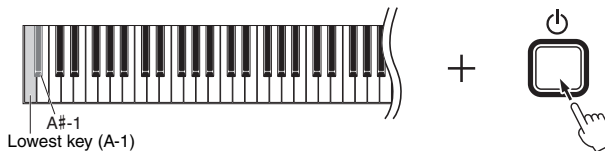
Returning to the Song Top

During playback, press [-] and [+] simultaneously to jump to the top of the Song.

Setting the Character Code

If the Song cannot be called up, you may need to select the appropriate Character Code from the following two settings.
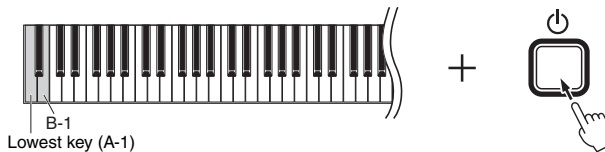
● International

For playing back Songs with names using western European characters (including umlaut or diacritic marks). To select this, turn on the power while holding down the A-1 and A♯-1 keys.

● Japanese

For playing back Songs with names using Japanese characters. To select this, turn on the power while holding down the A-1 and B-1 keys.

MIDI Song
Setting range: 5 to 500 beats per minute
Default setting: Depends on the selected Song

Audio Song
Setting range: 75% to 125%
Default setting: 100%

Setting range: 1–20
Default setting: 16

NOTE
During playback of a Demo Song, Rewind/ Fast Forward operations or returning to the Song top cannot be done.

Setting range: JA (Japanese) / Int (International)

Default setting: Int

Recording Your Performance

This instrument allows you to record your performance by using one of the following two methods. The recorded performance can be played back as a User Song.

● **MIDI recording**
With this method, your keyboard performances are recorded and saved to internal memory of this instrument or USB flash drive as a MIDI Song (via the SMF format 0). Up to 10 Songs can be recorded to the instrument, although more can be recorded to USB flash drive (See below).

● **Audio recording**
With this method, your keyboard performances are saved to USB flash drive as an Audio Song in stereo WAV format of normal CD-quality resolution. The saved Audio Song can be transmitted to then played on portable music players. The recordable time differs depending on the capacity of the USB flash drive.

1 Connect a USB flash drive to the [USB TO DEVICE] terminal.

> **When is USB flash drive necessary?**
> MIDI Songs can be saved to internal memory of this instrument or to USB flash drive, while Audio Songs can only be saved to the USB flash drive.
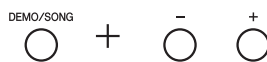> As necessary, prepare a USB flash drive referring to "About USB Devices" (page 31).

2 Select the Recording method.

● **To make a MIDI Recording:**
While holding down [DEMO/SONG], press [+] or [-] until "$U.$**" (for saving data to the instrument) or "$5.$**" (for saving data to the USB flash drive) is shown on the display.

● **To make an Audio Recording:**
While holding down [DEMO/SONG], press [+] or [-] until "$R.$**" (for saving data to the USB flash drive) is shown on the display.

```
DEMO/SONG          –      +
   ○        +     ○      ○
```

3 Press [+] or [-] to select a Song number.

- $U.0 1$–$U.10$ ......User Song in this instrument (MIDI Song)
- 5.00–5.99 ......User Song in USB flash drive (MIDI Song)
- $R.00$–$R.99$ ......User Song in USB flash drive (Audio Song)

● **When the selected Song contains already-recorded data:**
You can confirm it by checking the display.

When Song contains data:

$U.0 1.$

Three dots light up.

When Song does not contain data:

$U.0 1$

Only the left-most dot lights up.

NOTICE
When the selected Song contains data, keep in mind that recording new data will erase the existing data.

NOTE
If you intend to play back your recording only on the instrument itself, we recommend using MIDI recording for optimum sound. When using Audio recording, Piano Voices created by four-channel sampling will be recorded in stereo (two-channel).

NOTE
If a coded message appears on the display when connecting the USB flash drive to the instrument, refer to the "Message List" on page 42.

NOTE
If you make an audio recording while using headphones and then play that recorded audio Song through speakers, you should set "Binaural sampling/Stereophonic Optimizer" to "OFF." Refer to page 15 for details.

NOTE
Songs recorded with the MIDI recording cannot be converted to Audio Songs.

NOTE
Record mode cannot be called up in the following situations.
- During Song playback (page 26)
- During file management operations such as Copy (page 33), Delete (page 30) and Format(page 32)

4 **Select a Voice (page 17) and other parameters such as Beat (page 19) for recording.**

5 **Press [REC] to engage the Record mode.**

The [REC] lamp lights up, and the [▶/Ⅱ] (Play/Pause) lamp flashes according to the current tempo.
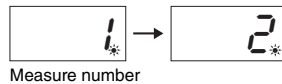
Lights up ——— REC ●   ▶/Ⅱ ◎ ——— Flashes

To exit from the Record mode, press [REC] again.

6 **Start recording.**

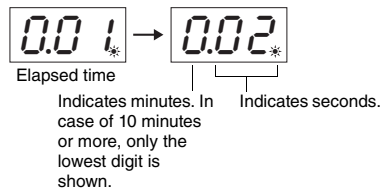Play a note on the keyboard or press [▶/Ⅱ] to start recording.

●**With MIDI Recording:**
While recording, the current measure number is shown on the display.

$$\boxed{1} → \boxed{2}$$
Measure number

●**With Audio Recording:**
While recording, the elapsed time is shown on the display.

$$\boxed{0.0\ 1} → \boxed{0.0\ 2}$$
Elapsed time
Indicates minutes. In case of 10 minutes or more, only the lowest digit is shown.   Indicates seconds.

7 **Press [REC] or [▶/Ⅱ] to stop recording.**

Dashes appear on the display in succession, indicating that the recorded data is being saved. After the data is saved, an "*End*" message appears for three seconds, indicating that the Record mode is disengaged.

NOTICE
While dashes appear on the display in succession, never turn off the power or disconnect the USB flash drive. Doing so may delete all Song data in the instrument, including external Songs (page 25).

8 **Press [▶/Ⅱ] to play the recorded Song.**

To stop playback, press [DEMO/SONG].

Regarding the operations such as Pause or Rewind/Fast forward etc., refer to "Playback-related Operations" on page 27.

Using the Metronome
You can use the metronome while recording, although the metronome sound will not be recorded.

If memory space is running low:
An "*EnP*" or "*FUL*" message will appear on the display after pressing [REC]. If "*EnP*" appears, you can start recording. However, keep in mind that your performance data may not have been correctly saved or recording may stop automatically. If "*FUL*" appears, you cannot start recording. We recommend that you first remove any unnecessary files (page 30) to ensure sufficient memory capacity.

NOTE
When using audio recording, any audio signals from the [AUX IN] jack (page 35), USB Audio Interface function (page 40) and *Bluetooth* Audio function (page 40) are also recorded.

NOTE
The recorded User Song data on this instrument can be copied to a USB flash drive. Refer to page 33.

When engaging the Record Mode (pressing [REC]) without selecting a Song number
Your performance will be recorded to the selected Song when you press [REC].

NOTICE
When the selected Song contains data, keep in mind that recording new data will erase the existing data.

If one of the following Songs (page 25) is selected, your performance will be recorded to a User Song (page 25) as indicated.
• External audio Song "*C*.XX" .... Recorded to "*A*.XX".
• External MIDI Song on USB flash drive "*F*.XX" .... Recorded to "*S*.XX".
• External MIDI Song in internal memory of the instrument "*L*.XX" .... Recorded to "*U*.XX".
• Voice Demo Song "*d*.XX", Preset Song "*P*.XX" .... Recorded to "*U*.XX".
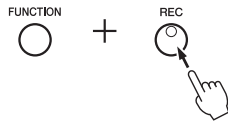
Then, the Song number as the Recording target will be the lowest Song number (of those containing no data) in each Song category, "*A*", "*S*" and "*U*".
If there are no empty User Songs, "*A.0.0.*", "*S.0.0.*", or "*U.0. 1*" will be used as the Recording target.

Deleting Song Files

A User Song can be deleted.

1 **If necessary, connect the USB flash drive to the [USB TO DEVICE] terminal.**

2 **Select the Song to be deleted.**

For details on how to select a Song file, refer to page 26.

3 **While holding down [FUNCTION], press [REC].**

"d E L " appears on the display for a while, then "n Y" appears on the display. If you wish to cancel this operation, press [-].

4 **Press [+] to execute the Delete operation.**

Dashes appear in succession on the display, indicating that the Delete operation is in process. When the operation is completed, "E n d" appears on the display.

NOTICE
While dashes appear in succession on the display, never turn off the power or disconnect the USB flash drive. Doing so may not only corrupt the Song data to be deleted but also other data in the internal memory or the USB flash drive.

NOTE
In case a message appears on the display when connecting a USB flash drive to the instrument, refer to the "Message List" on page 42.

NOTE
Song Playback is not available after executing Step 3. Make sure to confirm the to-be-deleted Song before executing Step 3.

NOTE
The operation here does not apply to Songs transferred from the computer to this instrument's internal memory. If you want to delete such a Song, use a computer.

Using a USB Flash Drive

With a USB flash drive plugged in, you can use this instrument to perform the following tasks.

NOTE
- When deleting Songs on the USB flash drive, refer to page 30.
- The Format, Copy and Delete operations cannot be done in the following situations.
  - During Song playback (page 26)
  - Record mode (page 29)

About USB Devices

Precautions when using the [USB TO DEVICE] terminal

This instrument features a built-in [USB TO DEVICE] terminal. When connecting a USB device to the terminal, be sure to handle the USB device with care. Follow the important precautions below.

NOTE
For more information about the handling of USB devices, refer to the owner's manual of the USB device.

■ Compatible USB devices

• USB flash drive
• USB wireless LAN adaptor (UD-WL01) (sold separately; may not be available in some areas)

Other USB devices such as a USB hub, computer keyboard or mouse cannot be used.

The instrument does not necessarily support all commercially available USB devices. Yamaha cannot guarantee operation of USB devices that you purchase. Before purchasing a USB device for use with this instrument, please visit the following web page:
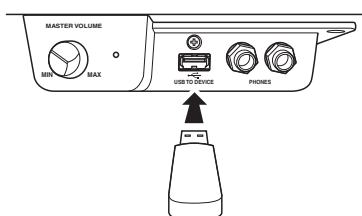
   https://download.yamaha.com/

After selecting your country and clicking on "Documents and Data" from the "Support" page, select the desired Language and Product Category, and then enter the model name into the search box.

Although USB devices 1.1 to 2.0 can be used on this instrument, the amount of time for saving to or loading from the USB device may differ depending on the type of data or the status of the instrument.

NOTICE
The rating of the [USB TO DEVICE] terminal is a maximum of 5V/500mA. Do not connect USB devices having a rating above this, since this can cause damage to the instrument itself.

■ Connecting a USB device

When connecting a USB device to the [USB TO DEVICE] terminal, make sure that the connector on the device is appropriate and that it is connected in the proper direction.

NOTICE
- **Avoid connecting or disconnecting the USB device during playback/recording and file management operations (such as Save, Copy, Delete and Format), or when accessing the USB device. Failure to observe this may result in "freezing" of the operation of the instrument or corruption of the USB device and the data.**
- **When connecting then disconnecting the USB device (and vice versa), make sure to wait a few seconds between the two operations.**
- **Do not use an extension cable when connecting a USB device.**

■ Using a USB flash drive

By connecting the instrument to a USB flash drive, you can save data you've created to the connected USB flash drive, as well as read data from the connected USB flash drive.

● Number of USB flash drives that can be used

Only one USB flash drive can be connected to the [USB TO DEVICE] terminal.

● Formatting a USB flash drive

You should format the USB flash drive only with this instrument (page 32). A USB flash drive formatted on another device may not operate properly.

NOTICE
The format operation overwrites any previously existing data. Make sure that the USB flash drive you are formatting does not contain important data.

● To protect your data (write-protect)

To prevent important data from being inadvertently erased, apply the write-protect provided with each USB flash drive. If you are saving data to the USB flash drive, make sure to disable write-protect.

● Turning off the instrument

When turning off the instrument, make sure that the instrument is NOT accessing the USB flash drive by playback/recording or file management (such as during Save, Copy, Delete and Format operations). Failure to do so may corrupt the USB flash drive and the data.

Formatting a USB Flash Drive

NOTICE
Executing the Format operation will delete all data in the USB flash drive. Before formatting, save important data to a computer or another storage device.

1 **Connect the USB flash drive to the [USB TO DEVICE] terminal.**

2 **While holding [FUNCTION] and [▶/ɪɪ] (Play/Pause), press [REC].**

   "*Fᴏr*" appears on the display for a while, then "*ɴ ꓩ*" appears. If you wish to cancel this operation, press [-] here.

```
FUNCTION          ▶/ɪɪ              REC
   ◯      +       ◯      +         ◯
```

3 **Press [+] to execute the Format operation.**

   Dashes appear in succession on the display, indicating that Formatting is in process. When the operation is completed, "*Eɴd*" appears on the display.

   NOTICE
   While dashes appear in succession on the display, never turn off the power or disconnect the USB flash drive. Doing so may corrupt the data on the USB flash drive, and the Format operation will not be executed properly.

NOTE
When you execute a Song Recording (page 29), Copy (page 33) or Delete (page 30) operation, a "*UɴF*" prompt may appear on the display, indicating that the USB flash drive has not been formatted yet. In this case, execute the Format operation by proceeding from Step 2 as described at left.

Managing Files on a USB Flash Drive

When organizing files on a USB flash drive using a computer, etc., make sure to place External Songs only in the first, second, or third hierarchical folder level. This instrument will not be able to select or play songs from any level lower than that. This instrument can recognize up to 100 MIDI Songs and 100 Audio Songs on a USB flash drive as External Songs.
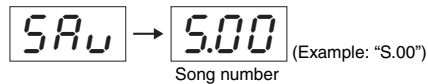
Copying User Songs in the Instrument to USB Flash Drive

You can copy the User Song in the instrument to the USB flash drive. The copied Song is saved as SMF format 0 to the "USER FILES" folder in the USB flash drive, and the file is automatically named as "USERSONG**.MID" (**: numerals).

1 **Connect the USB flash drive to the [USB TO DEVICE] terminal.**

2 **For the Copy source, select a User Song in this instrument.**
   For detailed instructions, refer to page 25.

3 **While holding [FUNCTION], press [▶/ɪɪ] (Play/Pause).**

   On the display, "*SAu*" appears for a while then the Song number (for example "*S.00*") appears as Copy destination.

   SAu → *S.00* (Example: "S.00")
   Song number

   To cancel the Copy operation before it begins, press any button other than [▶/ɪɪ] here.

4 **Press [▶/ɪɪ] to execute the Copy operation.**
   Dashes appears in succession on the display, indicating that the Copy operation is in process. When the Copy is completed, "*End*" appears on the display.

   NOTICE
   When dashes appear in succession on the display, never turn off the power or disconnect the USB flash drive. Doing so may corrupt the data on the USB flash drive.

NOTE
If any Song other than one of the User Songs is selected in Step 2, "*Pro*" appears in Step 3. In this case, return back to Step 2.

NOTE
When there is insufficient free memory capacity in the USB flash drive, the copied Song cannot be saved. To ensure sufficient memory, try erasing unnecessary files (page 30).
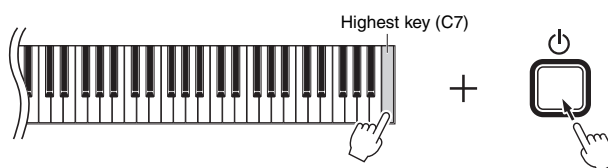
Backup Data and Initialization

Backup Data in Internal Memory

The following data, referred to as Backup data, as well as User Song data and External Song data will be maintained even if the power is turned off.

Initializing the Backup Data

While holding down the C7 key, turn on the power. The Backup data (with the exception of "Character Code" and "*Bluetooth* Paring information") will be initialized. Note that User Songs and External Songs are not erased.

Highest key (C7)

"CLr" appears on the display, and the initialization starts. When the initialization finishes, the display turns dark.

NOTE
If this instrument somehow becomes disabled or malfunctions, turn off the power to the instrument, then perform the initialization procedure.
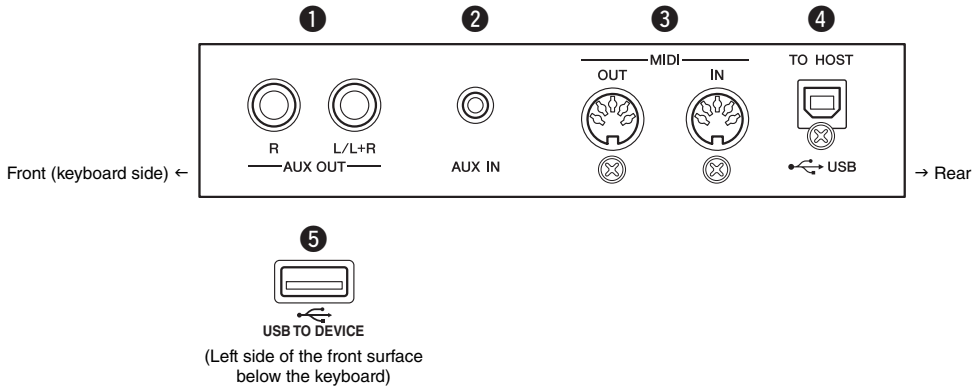
NOTICE
While the display indicators flash in a pattern (i.e., data is being initialized), never turn off the power. Doing so may delete all Song data in the instrument, including external Songs (page 25), or corrupt the Backup data and cause the Format operation not to be executed properly.

Connections

Jacks and Terminals

Refer to the "Panel Controls and Terminals" on page 10 for information on the location of the jacks and terminals.

❶ 　 　 　 ❷ 　 　 　 ❸ 　 　 　 ❹

```
                                    ┌─── MIDI ───┐
                                    OUT      IN      TO HOST
    ( R )  ( L/L+R )    (  )      (   )   (   )    [    ]
                                                     ⌁ USB
Front (keyboard side) ←   R   L/L+R    AUX IN                        → Rear
            └── AUX OUT ──┘
```

❺

```
    [ ⌁ ]
    USB TO DEVICE
```
(Left side of the front surface below the keyboard)

❶ **AUX OUT [R] [L/L+R] jacks** .... **page 36**
❷ **[AUX IN] jack** .... **See below.**
❸ **MIDI [OUT] [IN] terminals** .... **page 36**
❹ **[USB TO HOST] terminal** .... **page 38**
❺ **[USB TO DEVICE] terminal** .... **pages 31, 39**

Connecting Audio Devices ([AUX IN] jack, AUX OUT [R] [L/L+R] jacks)

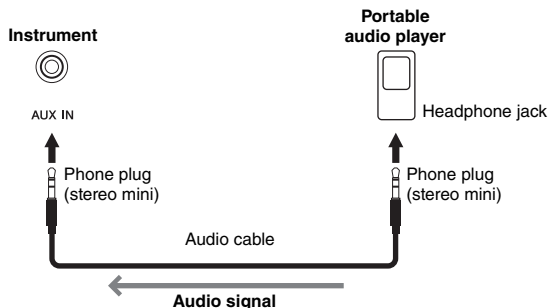### Playing a Portable Audio Player with the Built-in Speakers—[AUX IN] jack

You can connect the headphone jack of a portable audio player to the instrument's [AUX IN] jack, letting you hear the sound of that audio player through the built-in speakers of the instrument.

NOTICE
To avoid damage to the devices, first turn on the power to the external device, then to the instrument. When turning off the power, first turn off the power to the instrument, then to the external device.
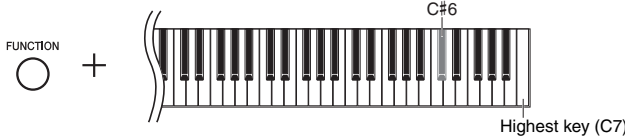
NOTE
Use audio cables and adaptor plugs having no (zero) resistance.

```
     Instrument              Portable
                            audio player
      (  )                    [   ]
     AUX IN                   Headphone jack

     Phone plug               Phone plug
     (stereo mini)            (stereo mini)
            Audio cable
        ←─────────────────
           Audio signal
```

● **Minimizing noise of the input sound via Noise Gate**

By default, this instrument cuts unwanted noise from the input sound. However, this may result in necessary sounds also being cut, such as the soft decay sound of a piano or guitar. To avoid this, set the Noise Gate to off via the following operation.
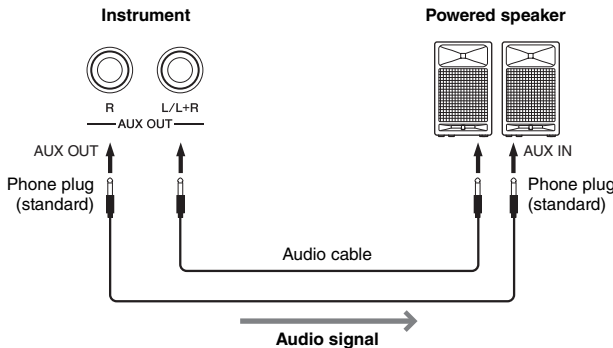
While holding down [FUNCTION], press the C♯6 key repeatedly to toggle Noise Gate on and off as needed.

Default setting: On

FUNCTION

+

C♯6

Highest key (C7)

Using an External Stereo System for Playback—AUX OUT [R] [L/L+R] jacks

These jacks let you connect the instrument to external powered speaker systems, for playing in larger venues at higher volumes.

Instrument

Powered speaker

R   L/L+R
AUX OUT

AUX OUT

AUX IN

Phone plug
(standard)

Phone plug
(standard)

Audio cable

Audio signal

NOTE
Use audio cables and adaptor plugs with no resistance.

NOTE
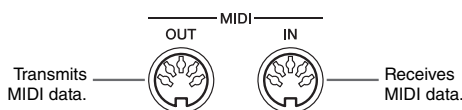Use only the AUX OUT [L/L+R] jack for connection with a mono device.

NOTE
If you are monitoring the sound output via the AUX OUT [R] [L/L+R] jacks from headphones connected to the instrument, you should set "Binaural sampling/Stereophonic Optimizer" to "OFF." Refer to page 15 for details.

NOTICE
• **To avoid possible damage to the devices, first turn on the power to the instrument, then to the external device. When turning off the power, first turn off the power to the external device, then to the instrument. Since this instrument's power may automatically be turned off due to the Auto Power Off function (page 13), turn off the power to the external device, or disable Auto Power Off when you do not intend to operate the instrument.**
• **When the AUX OUT jacks are connected to an external device, never connect the [AUX IN] jacks to the output jacks of the external device. Doing so could result in feedback (oscillation) that may damage both the devices.**

Connecting External MIDI Devices (MIDI [OUT] [IN] terminals)

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 create and arrange more complex and dynamic performances than would be possible with the use of only a single musical instrument.

MIDI
OUT   IN

Transmits
MIDI data.

Receives
MIDI data.

NOTE
You need a dedicated MIDI cable to make a MIDI connection.

NOTE
The handled MIDI messages differ depending on the MIDI instrument. In other words, some MIDI messages transmitted from this instrument may not be recognized on a different MIDI instrument. For details, you should check the MIDI Implementation Chart of each MIDI instrument. The MIDI Implementation Chart of this instrument is described in the "MIDI Reference" on the website (page 9).
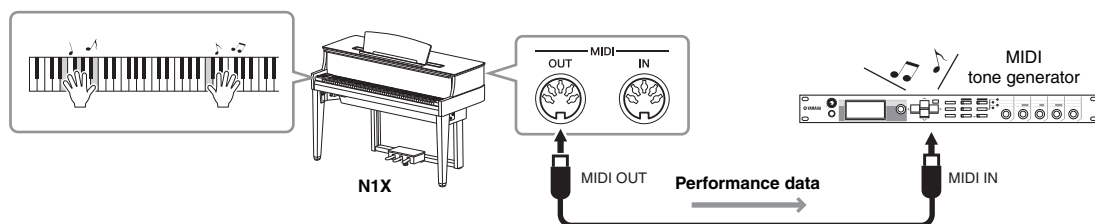
NOTE
During Song playback, data of only MIDI channels 3–16 will be output via MIDI.

NOTE
Voice Demo Song and Preset Song data are not transmitted via MIDI.
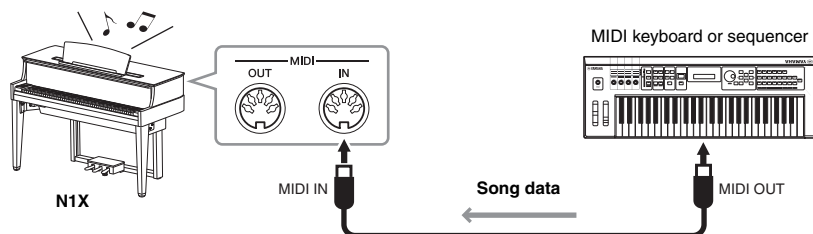
MIDI Connection Examples

Example 1:

The connection below allows you to play the sounds of an external MIDI tone generator from the keyboard of this instrument.

Set the MIDI Receive Channel of the external MIDI tone generator to "1," since the MIDI Transmit Channel of this instrument is set to "1."

Example 2:

The connection below allows you to play the sounds of this instrument by playing back a Song on an external MIDI keyboard or sequencer.
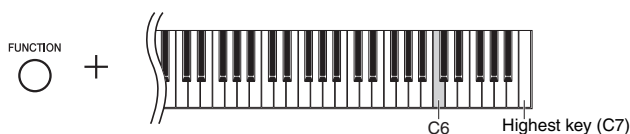
The MIDI Receive Channels of this instrument can only be set to 1 and 2. This is why the data for the piano part should be assigned to MIDI Channels 1 and 2 of the Song.

Local Control on/off

Normally, playing the keyboard will control the internal tone generator. This situation is called "Local Control ON." If you want to use the keyboard only for controlling an external MIDI instrument, turn off Local Control. With this setting, this instrument will produce no sound even if you play the keyboard.

● **To turn the Local Control ON or OFF:**

While holding down [FUNCTION], press the C6 key repeatedly (if necessary).

Default setting: On

Connecting to a Computer ([USB TO HOST] terminal)

By connecting a computer to the [USB TO HOST] terminal, you can transfer Song data between the instrument and the computer via MIDI, and take advantage of sophisticated computer music software. For details, refer to the "Computer-related Operations" on the website (page 9).

You can set whether the Audio sound input to the instrument from a computer is output or not to a computer or smart device along with the performance played on the instrument. For details, refer to "Audio Loop Back On/Off" on page 40.

NOTICE
- **Use an AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used.**
- **If you are using a DAW (digital audio workstation) application with this instrument, set the Audio Loop Back function (page 40) to off. Otherwise, a loud sound may occur, depending on the settings of the computer or the application software.**

Files that can be transferred from a computer to this instrument (and vice versa).
- Song file: .mid (SMF format 0, 1)

NOTE
When transmitting or receiving audio signals by using a computer running Windows, the Yamaha Steinberg USB Driver should be installed to the computer. For details, refer to the "Computer-related Operations" on the website (page 9).

Connecting to a Smart Device and Using Apps

By connecting this instrument to a smart device, such as an iPhone, iPad, etc., and using a compatible app, you can get more enjoyment out of this instrument.

For information about compatible apps and smart devices, access the web page of the respective apps on the following page:

https://www.yamaha.com/kbdapps/

Smart device app "Smart Pianist"
The smart device app "Smart Pianist" (available as a free download) lets you select the Voice and make Metronome settings intuitively, and allows you to display the notation, depending on the selected data. For details, access the "Smart Pianist" page on the website above.

For instructions on connecting the instrument to a smart device, the connection wizard of the "Smart Pianist" will guide you according to the operating condition and environment. To start the connection wizard, tap "☰" (Menu) located at the upper left on the "Smart Pianist" screen to open the Menu, and then tap "Instrument" → "Start Connection Wizard."

NOTICE
Activating the "Smart Pianist" app while the instrument is connected to the smart device overwrites the settings on the instrument by that of "Smart Pianist."

For information on connecting without using the "Smart Pianist" app, and using the wireless LAN adaptor (UD-WL01, sold separately), refer to the instructions on page 39. For information on connecting in other ways, refer to the "Smart Device Connection Manual" on the website (page 9).

NOTICE
- **Do not place your smart device in an unstable position. Doing so may cause the device to fall and result in damage.**
- **If you are using a DAW (digital audio workstation) application with this instrument, set the Audio Loop Back function (page 40) to off. Otherwise, a loud sound may occur, depending on the settings of the computer or the application software.**

NOTE
When you use the instrument along with a smart device, we recommend that you set that device's "Airplane Mode" to on and then the Wi-Fi/*Bluetooth* setting to on in order to avoid noise caused by communication.

NOTE
When using the "Smart Pianist" app, you cannot use any buttons on the instrument. Control the instrument by using "Smart Pianist." Pressing the [▶/❚❚] (Play/Pause) button on the instrument disconnects the instrument from the "Smart Pianist" app, and enables you to control the instrument by using its buttons.

Connection with the USB Wireless LAN Adaptor (UD-WL01*)

*UD-WL01 (sold separately) may not be available depending on your area.

There are two types of connections with the USB wireless adaptor (UD-WL01) described below.

● **Connecting by the Infrastructure Mode (Automatic Setup by WPS)**
The Infrastructure mode uses an access point for data communication between a USB wireless LAN adaptor and a network. You can use this mode when you connect to the internet while connecting the wireless LAN adaptor to the instrument.

1 **Connect the UD-WL01 (sold separately) to the [USB TO DEVICE] terminal.**

2 **Hold down [WPS] on the UD-WL01 for three seconds.**
"ᒍPS" appears on the display.

3 **Press the WPS button on your access point within two minutes after step 2.**
After connection to the access point is completed, the message will disappear.

4 **Make sure your smart device is connected to the network to which you connected the instrument.**
If not, turn on the Wi-Fi on the Wi-Fi setting display on your smart device, and then tap and connect to the network to which you connected the instrument.

● **Connecting by Access Point Mode**
The Access Point mode allows you to directly connect UD-WL01 (sold separately) and a smart device, without the need for using an access point. You can use this mode when there is not any access point available for connection to the instrument, or when it is unnecessary to connect to another network while a smart device is connected to the instrument.

1 **Initialize the instrument (page 34) if the last wireless LAN connection was made by Infrastructure Mode.**
NOTICE
The initialization procedure initializes all Backup data (page 34), with the exception of the Character Code and *Bluetooth* Paring information.

2 **Connect the UD-WL01 (sold separately) to the [USB TO DEVICE] terminal.**

3 **On your smart device, turn on the Wi-Fi on the Wi-Fi setting display and tap "ap-N1X-xxxxxx" ("xxxxxx" represents 6 alphanumeric characters) to connect the instrument.**

NOTE
Before using the [USB TO DEVICE] terminal, be sure to read "Precautions when using the [USB TO DEVICE] terminal" on page 31.

Access point
An "access point" refers to a device which acts as a base station when data is transmitted/received via a USB wireless LAN adaptor.
Some access points are combined with router or modem functions.

NOTE
If the last wireless LAN connection was made by Infrastructure mode, you can connect to a network automatically without executing steps 2 and 3.

Transmitting/Receiving Audio Data (USB Audio Interface function)

By connecting a computer or a smart device to the USB [TO HOST] terminal via a USB cable, digital audio data can be transmitted/received. This USB Audio Interface function provides the following advantages:

● **Playing back audio data with high sound quality**
This gives you direct, clear sound in which the sound quality has less noise and deterioration than that from the [AUX IN] jack.

● **Recording performance on the instrument as audio data by using recording/music production software**
The recorded audio data can be played back on the computer or smart device.

NOTICE
If you are using a DAW (digital audio workstation) application with this instrument, set the Audio Loop Back function to "Off" (see below). Otherwise, a loud sound may occur, depending on the settings of the computer or the application software.

NOTE
- For details on connections, refer to the "Computer-related Operations" or the "Smart Device Connection Manual" on the website (page 9).
- The volume of the audio sound input can be adjusted from a computer or smart device.

Audio Loop Back On/Off

This allows you to set whether audio sound input from the connected computer or smart device is output to a computer or a smart device or not along with the performance played on the instrument. To output the audio input sound, set the Audio Loop Back to "On."
For example, if you want to record the audio input sound as well as the sound played on the instrument by using the computer or the smart device, set this to "On." If you intend to record only the sound played on the instrument by using the computer or the smart device, set this to "Off."
While holding down [FUNCTION], press the G6 key repeatedly (if necessary) to set this to on or off.

Default setting: On

NOTE
- The Audio Loop Back function also affects the audio input sound when using the *Bluetooth* Audio function (see below) or the wireless LAN connection (page 39).
- The playback sound of an Audio Song (page 25) is also output to a computer or smart device connected to the [USB TO HOST] terminal via USB cable when this is set to "On." The sound is not output when this is set to "Off."
- With Audio Recording (page 28), the audio input sound from the connected computer, smart device or *Bluetooth*-equipped device is recorded when this is set to "On," while the sound is not recorded when this is set to "Off."

FUNCTION

○ +

G6   Highest key (C7)

Listening to Audio Data from a *Bluetooth*-equipped Device on this Instrument (*Bluetooth* Audio Function)

Before using the *Bluetooth* function, be sure to read "About *Bluetooth*" on page 50.
Depending on the country in which you purchased the product, the instrument may not have *Bluetooth* capability. For details, refer to page 50.

You can input the sound of the audio data saved in a *Bluetooth*-equipped device, such as a smart phone or digital audio player, to this instrument and listen to it through the built-in speaker of the instrument. Also, you can record the input audio data as an Audio Song (page 28).
You can set whether the Audio sound input to the instrument by using this function is output or not to a computer or smart device connected to [USB TO HOST] terminal via USB cable. For details, refer to "Audio Loop Back On/Off" (see above).

* *Bluetooth*-equipped device
In this manual, "*Bluetooth*-equipped device" means a device that can transmit the audio data saved in it to the instrument using the *Bluetooth* function via wireless communication; for example, smart phone, digital audio player, etc. For proper operation, the device must be compatible with A2DP (Advanced Audio Distribution Profile).
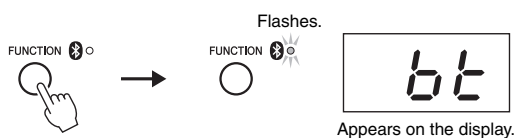
Pairing with *Bluetooth*-equipped Devices

If you wish to connect your *Bluetooth*-equipped device to the instrument via *Bluetooth*, the device needs to be paired with the instrument first.

Once the *Bluetooth*-equipped device has been paired with this instrument, there is no need to perform pairing again.

1 Hold down [FUNCTION] for 3 seconds.

The instrument will enter into Pairing mode. At the same time the ❽ (*Bluetooth*) lamp will flash and "*bt*" message will appear on the display. To cancel the pairing, press [▶/❚❚] (Play/Pause).

Flashes.

Appears on the display.

2 On your *Bluetooth*-equipped device, set the *Bluetooth* function to on and select "N1X" from the connection list.

For details, refer to the *Bluetooth*-equipped device owner's manual.

After pairing is completed, the ❽ (*Bluetooth*) lamp will light up and the message will disappear and the display will turn dark.

3 Play back audio data on your *Bluetooth*-equipped device to confirm that the built-in speakers of the instrument can output the audio sound.

When you turn on the instrument the next time, the last connected *Bluetooth*-equipped device will be connected to this instrument automatically, if the *Bluetooth* function of the device and the instrument is set to on. If it is not connected automatically, select the model name of the instrument from the connections list on the device.

Pairing
"Pairing" means to register *Bluetooth*-equipped devices on this instrument, and establish the mutual recognition for wireless communication between the two.

NOTE
Only one *Bluetooth*-equipped device can be connected to this instrument at a time (although up to 8 devices can be paired to this instrument). When pairing with the 9th *Bluetooth*-equipped device has succeeded, pairing data for the device with the oldest connection date will be deleted.

NOTE
When the *Bluetooth* function of this instrument is set to "Off," standby for pairing with the instrument is not enabled when holding [FUNCTION] for 3 seconds. In this case, set *Bluetooth* to "On" (See below.), and then start pairing.

NOTE
• Make sure to complete the settings on the *Bluetooth*-equipped device within 5 minutes. After 5 minutes passed, the Pairing mode ends automatically and the ❽ (*Bluetooth*) lamp turns off.
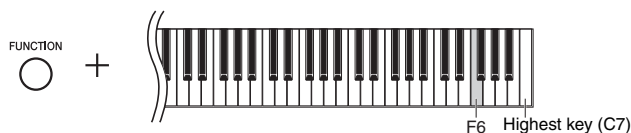• If you are required to enter a passkey, enter the numerals "0000."

NOTE
You can adjust the volume of the sound input via *Bluetooth* by the [MASTER VOLUME] control. To adjust the volume balance between your keyboard performance and the input sound via *Bluetooth*, adjust the volume on the *Bluetooth*-equipped device.

Switching the *Bluetooth* Function On/Off

By default, the *Bluetooth* function will be set to on right after turning the instrument's power on. However, you can set the function to off when you want to disconnect the connection between the instrument and the *Bluetooth*-equipped device, or when you want to try to connect the device to the instrument again, etc.

While holding down [FUNCTION], press the F6 key repeatedly (if necessary).

F6   Highest key (C7)

Message List

Message	Description
bt	The instrument is standing by for *Bluetooth* pairing. While this message appears, you cannot operate the instrument. To cancel the pairing, press [▶/❚❚] (Play/Pause).
CLr	Displayed when the initialization (page 34) is completed.
con	Displayed when "Musicsoft Downloader" is used on the connected computer, or when the app "Music Soft Manager" or "Smart Pianist" (page 38) is used on the connected smart device such as an iPhone and iPad. While this message appears, you cannot operate the instrument.
E01	Displayed when the character code (page 27) is not appropriate for the file name of the Song which you are selecting. Switch the character code.
	Displayed when the data format is not compatible with this instrument, or the data has some other problems. This Song cannot be selected.
	Displayed when no USB flash drive can be found, or a problem has occurred in the USB flash drive. Disconnect and connect the device again, then execute the operation. If this message appears repeatedly even when there aren't any other likely problems, the USB flash drive may be damaged.
	The Song you have selected cannot be copied or deleted on this instrument. Copy or delete these types of Songs on a computer.
	The memory or the number of the files in the copy destination USB flash drive is full. Remove any unnecessary files in the USB flash drive.
E02	Indicates that the USB flash drive is protected.
E03	Displayed when the memory of the USB flash drive becomes full, or the number of files and folders exceeds the system limit.
E04	Displayed when Audio Song playback or recording has failed. If you are using a USB flash drive to which data has already been stored or deleted a number of times, first make sure that the device does not contain important data, then format it (page 32) and connect to the instrument again.
EE1	A malfunction has occurred in the instrument. Contact your nearest Yamaha dealer or authorized distributor.
EEE	A malfunction has occurred in the instrument. Contact your nearest Yamaha dealer or authorized distributor.
End	Displayed when the current operation is completed.
EnP	The memory of the instrument or the USB flash drive is running out. We recommend that you remove any unnecessary files (page 30) to ensure sufficient memory capacity before start recording.
FUL	The operation could not be completed because the instrument's internal memory or the USB flash drive is nearly full. If this message is shown while recording, your performance data may not be correctly saved.
n Y	Confirms whether each operation is executed or not.
Pro	Displayed when you try to overwrite or delete a protected Song or read-only file.
UnF	Displayed when an unformatted USB flash drive is connected. First make sure that the device does not contain important data, then format it (page 32).
Uoc	Communication with the USB flash drive has been shut down because of overcurrent to the USB flash drive. Disconnect the USB flash drive from the [USB TO DEVICE] terminal, then turn on the power of the instrument again.
UU1	Communication with the USB flash drive has failed. Remove the USB flash drive and make the connection again. If the message appears even when the USB flash drive is connected properly, the USB flash drive may be damaged.
UU2	This USB flash drive is not supported on this instrument, or too many USB flash drives may have been connected. Refer to "About USB Devices" (page 31) for information on the USB flash drive connection.
⊔P5	The instrument is in Access Point mode and standing by for connection to an access point by WPS (page 39). While this message appears, you cannot operate the instrument.
⊔.P.5.	A malfunction occurred in the instrument while it was standing by for connection to an access point by WPS (page 39). Reconnect the UD-WL01 (sold separately) to the instrument and try to connect to the access point by WPS again.

* When an operation (such as saving or data transfer) is in process, the display shows a sequence of flashing dashes.
* Press any button to exit from these message displays.

Troubleshooting

Problem	Possible Cause and Solution
The instrument does not turn on.	The instrument has not been plugged in properly. Securely insert the female plug into the socket on the instrument, and the male plug into a proper AC outlet (page 12).
A click or pop is heard when the power is turned on or off.	Electrical current is being applied to the instrument. This is normal.
The power is automatically turned off.	This is normal and due to the Auto Power Off function. If necessary, set the parameter of the Auto Power Off function (page 13).
Noise is heard from the instrument's speakers or headphones.	The noise may be due to interference caused by the use of a mobile phone in close proximity to the instrument. Turn off the mobile phone, or use it further away from the instrument.
Noise is heard from the instrument's speakers or headphones when using the instrument with your smart device, such as an iPhone/iPad.	When you use the instrument along with your smart device, we recommend that you set that device's "Airplane Mode" to on and then the Wi-Fi/*Bluetooth* setting to on on your smart device, in order to avoid noise caused by communication.
The overall volume is low, or no sound is heard.	The volume is set too low: set it to an appropriate level using the [MASTER VOLUME] control (page 14).
	Make sure a pair of headphones or an adapter plug is not connected to the [PHONES] jack (page 15).
	Make sure that Local Control (page 37) is on.
The pitch and/or tone of the Piano Voices in certain ranges do not sound right.	The Piano Voices attempt to precisely simulate actual piano sounds. However, as a result of sampling algorithms, overtones in some ranges may sound exaggerated, producing a somewhat different pitch or tone. This is normal, and no cause for concern.
Sound is not heard on a particular key.	Keyboard may not function normally if the key was pressed when the power was turned on. Turn off the power and turn it on again to reset the function. Do not touch any keys when turning the power on (page 12).
Mechanical noise is heard during performance.	This is normal. The keyboard mechanism of this instrument is the same as that of an actual piano, which also has mechanical noise.
The key you pressed does not return to the original position smoothly.	Since the keyboard mechanism of this instrument is the same as that of an actual piano, the mechanism may change over years of use. If this occurs or causes problems in performance, contact your Yamaha dealer.
Some keys sound louder or quieter than other keys.	
Sound input to the [AUX IN] jacks is interrupted.	The output volume of the external device connected to this instrument is too low, resulting in the sound being cut off via the Noise Gate after it is input to this instrument. • Increase the output volume of the external device. The volume level reproduced via this instrument's speakers can be adjusted by using the [MASTER VOLUME] control. • Set the Noise Gate to off (page 36).
The damper pedal has no effect.	The pedal cord may not be securely connected to the [PEDAL] jack. Turn off the power to the instrument first, and then insert the pedal cord to the [PEDAL] jack all the way until the metal part of the cord plug disappears from view (page 46).
	The damper pedal was pressed when the power was turned on. This is not a malfunction; press the pedal again to reset the function.
The USB flash drive has hung up (stopped).	Disconnect the USB flash drive and connect it to the instrument again.
	The USB flash drive is not compatible with the instrument. Only use the USB flash drive whose compatibility has been confirmed by Yamaha (page 31).
Higher or lower notes do not sound correctly when the transpose setting is made.	The instrument can cover a range of C-2–G8 when you set the transposition. If notes lower than C-2 are played, the actual resulting sound is one octave higher. If notes higher than G8 are played, the resulting sound is one octave lower.
The *Bluetooth*-equipped device cannot be paired with nor connected to this instrument.	The *Bluetooth* function of the instrument is off; make sure that it is turned on (page 41).
	The *Bluetooth*-equipped device is not paired with this instrument. The device and this instrument need to be paired to each other via *Bluetooth* (page 41).
	The *Bluetooth* function of the *Bluetooth*-equipped device is not activated. Make sure that the function is activated.
	This instrument and the *Bluetooth*-equipped device are too far apart. Use the device in close proximity to this instrument.
	There is a device (microwave oven, wireless LAN device, etc.) that outputs signals in the 2.4 GHz frequency band nearby. Move the instrument away from any devices that might be emitting radio-frequency signals.
Sound input via *Bluetooth* is interrupted.	The output volume of the *Bluetooth*-equipped device connected to this instrument is too low, resulting in the sound being cut off via the Noise Gate after it is input to this instrument. Increase the output volume of the device. The volume level reproduced via this instrument's speakers can be adjusted by using the [MASTER VOLUME] control.

* For information on other specific problems and explanations of display messages, see the Message List (page 42).

Preset Song List

Display	Song Name	Composer
P.01	Prelude op.3-2, Morceaux de fantaisie	S. Rakhmaninov
P.02	Mädchens Wünsch, 6 Chants polonaise	F. Liszt
P.03	Sonate für Klavier Nr.14 "Mondschein", op.27-2	L. v. Beethoven
P.04	Sonate für Klavier Nr.5, K.283	W. A. Mozart
P.05	Nocturne, op.9-1	F. F. Chopin
P.06	Sonate, K.380, L.23	D. Scarlatti
P.07	Valse, op.69-2	F. F. Chopin
P.08	Aria, Goldberg-Variationen, BWV 988	J. S. Bach
P.09	Fantaisie-Impromptu	F. F. Chopin
P.10	Clair de lune	C. A. Debussy

Assembling the Unit

When assembling the unit, consult a qualified AvantGrand dealer.

⚠ **CAUTION**
- **Be careful not to confuse parts, and be sure to install all parts in the correct direction. Please assemble the unit in the appropriate sequence.**
- **Since this product is very heavy, make sure that a sufficient number of people are on hand to help, so you can assemble it safely and easily.**
- **Be sure to use only the included screws. Do not use any other screws. Inappropriate screws may cause damage or malfunction of the product. Be sure to insert screws of the proper size in the correct hole locations.**
- **Be sure to tighten all screws upon completing assembly of each unit.**
- **To disassemble, reverse the assembly sequence.**

Have a Phillips-head (+) screwdriver of the appropriate size ready.

Remove all parts other than the main unit from the box. Confirm that all parts shown in the illustration are provided. Do not remove the main unit from the box prior to step 3.

Main Unit

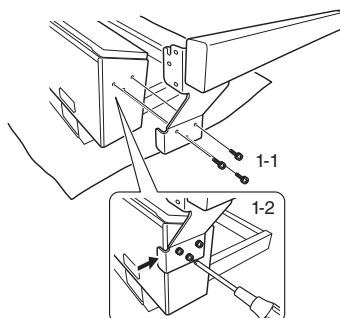Leg (L)   Leg (R)

Speaker box

Be sure to lay the packaging sheet or other protective sheet on the floor and under the instrument.

6 × 30 mm long screws × 10

6 × 20 mm short screws × 6

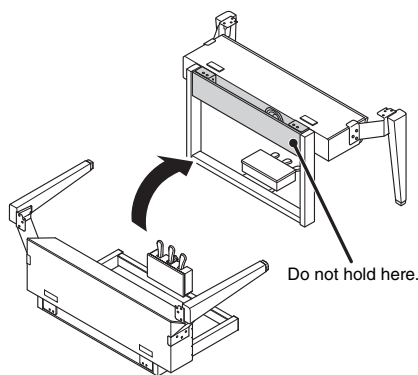AC power cord × 1

Headphone hanger

4 × 10 mm thin screws × 2

1 Attach the legs to the speaker box.

1-1 Attach the leg (L) to the side of the speaker box using three short screws (6 x 20 mm).

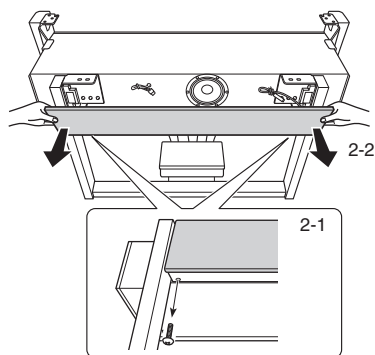1-2 While pressing the bracket on the leg against the speaker box, securely tighten the screws that were attached.

1-3 Follow the same steps to attach the leg (R).

1-1
1-2

1-4 Raise the speaker box.

Do not hold here.

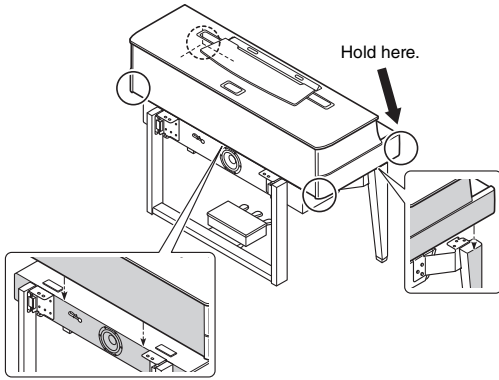## 2 Detach the speaker net.

2-2
2-1

2-1 Remove the two screws. These screws are used in step 6.
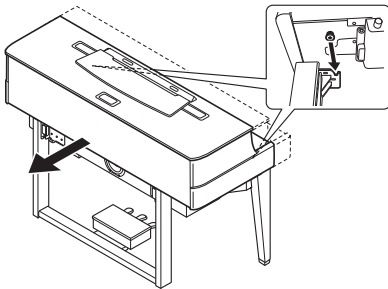2-2 Detach the speaker net.

3 Mount the main unit.

3-1 Mount the main unit on the speaker box while aligning the rear of the main unit with the rear of the speaker box, and each lateral side of the main unit with the lateral side of the legs.

⚠ **CAUTION**
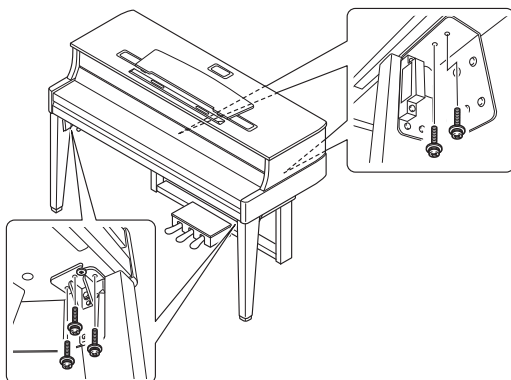**Be careful not to pinch your fingers when mounting the main unit.**

Hold here.

3-2 Move the main unit slightly toward the rear side, then adjust its position so that the projecting pin on the metal brackets on the bottom of the main unit will lock into the notch on the metal brackets of the legs (L/R).
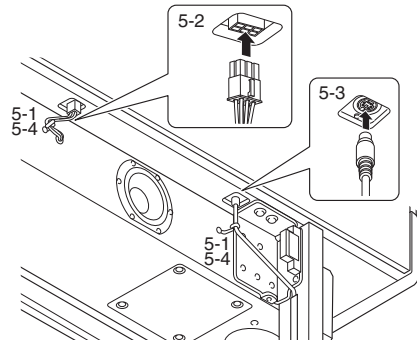
4 Secure the main unit.

Secure the main unit using ten long screws (6 x 30 mm).

5 Connect the speaker cord and pedal cord.

5-1 Remove the vinyl tie attaching the speaker cord and pedal cord.

5-2 Insert the speaker cord plug into the connector so that the tab extends toward the front when viewed from the rear.

5-3 Insert the pedal cord plug into the pedal connector in the correct orientation.

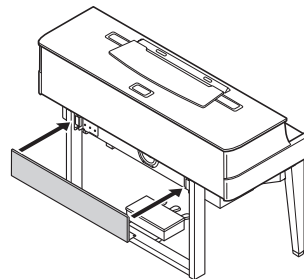---

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.
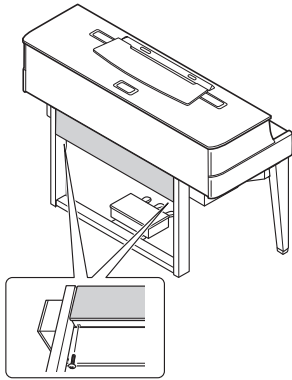

5-4 Use vinyl ties to bundle the speaker cord and pedal cord.
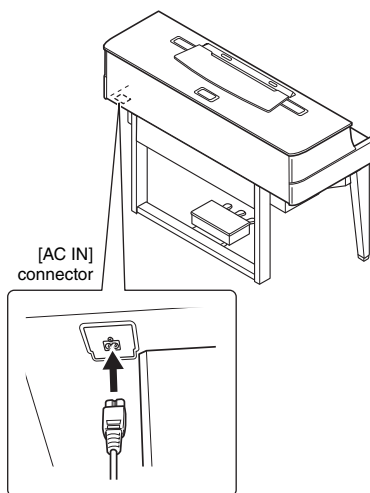
6 Attach the speaker net.
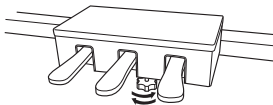
6-1 Attach the speaker net.

6-2 Affix the speaker net with the screws unloosed at step 2.

7 Insert the AC power cord plug into the [AC IN] connector.
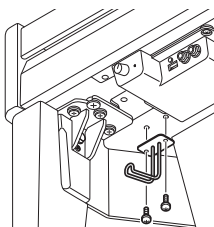

[AC IN] connector

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

9 Attach the headphone hanger.

Use the two thin screws (4 x 10 mm) to attach the hanger as shown in the illustration.

■ **After completing the assembly, please check the following.**

• Are there any parts left over?

→ Review the assembly procedure and correct any errors.

• Is the instrument clear of doors and other movable fixtures?

→ Move the instrument to an appropriate location.

• Does the instrument make a rattling noise when you shake it?

→ Tighten all screws.

• Is the power cord inserted securely into the sockets?

→ Check the connection.

⚠ *CAUTION*
If the main unit creaks or is otherwise unsteady when you play on the keyboard, refer to the assembly diagrams and retighten all screws.

Specifications

Product Name			Hybrid Piano
Size/Weight	Width		1,465 mm (57-11/16")
	Height	With music rest closed	1,001 mm (39-7/16")
		With music rest raised	1,167 mm (45-15/16")
	Depth		618 mm (24-5/16")
	Weight		117 kg (257 lbs., 15 oz)
Control Interface	Keyboard	Number of Keys	88 (A-1 – C7)
		Type	Specialized Grand Piano Action
		Key Surfaces - White	Acrylic resin
		Touch Sensitivity	Hard/Medium/Soft/Fixed
	Sensor System	Hammer Sensors	Non-contact optical fiber
		Key Sensors	Non-contact optical fiber
	Pedal	Number of Pedals	3
		Functions	Damper with half pedal effect, Sostenuto and Soft
		Type	GP Responsive Damper Pedal
Cabinet	Fallboard	Soft-Close Fallboard	Yes
	Music Rest		Yes
	Music Braces		Yes
Voices	Tone Generation	Piano Sound	Spatial Acoustic Sampling
		Binaural Sampling	Yes ("CFX Grand" Voice only)
	Piano Effect	VRM	Yes
		Key-off Samples	Yes
		Smooth Release	Yes
	Polyphony (max.)		256
	Preset	Number of Voices	15
Effects	Types	Reverb	Yes
		Brilliance	5
		Intelligent Acoustic Control (IAC)	Yes
		Stereophonic Optimizer	Yes
Songs (MIDI)	Preset	Number of Preset Songs	10 preset songs, 15 voice demo songs
	Recording	Number of Songs	10
		Number of Tracks	1
		Data Capacity	approx. 500 KB/Song
	Format	Playback	SMF (Format 0, 1)
		Recording	SMF (Format 0)
Recording/ Playback (Audio)	Recording Time (max.)		80 minutes/Song
	Format	Playback	WAV (44.1 kHz, 16 bit, stereo)
		Recording	WAV (44.1 kHz, 16 bit, stereo)
Functions	Overall Controls	Metronome	Yes
		Tempo Range	5 – 500
		Transpose	-6 – 0 – +6
		Tuning	414.8 – 440.0 – 466.8 Hz
		Scale Type	7 types
		USB audio interface	44.1 kHz, 16 bit, stereo
	Bluetooth (May not have this functionality depending on the country in which you purchased the product.)	Bluetooth version	4.1
		Supported profile	A2DP
		Compatible codec	SBC
		Wireless output	Bluetooth Class 2
		Maximum communication distance	Approx. 10 m (33 ft)
		Range of transmit frequency	2,402 – 2,480 MHz
		Maximum output power (E.I.R.P)	4 dBm
Storage and Connectivity	Storage	Internal Memory	approx. 1.3 MB
		External Drives	USB Flash Drive
	Connectivity	Headphones	Standard stereo phone jack (x 2)
		MIDI	IN/OUT
		AUX IN	Stereo Mini
		AUX OUT	[L/L+R] [R] (Standard phone jack)
		USB TO DEVICE	Yes
		USB TO HOST	Yes
Sound System	Amplifiers		30 W x 6
	Speakers		16 cm x 1 + 13 cm x 2 + 8 cm x 3
Power Supply	Auto Power Off		Yes
Included Accessories			Owner's Manual (this book), Power cord, Warranty*, Felt Key Cover, Bench*, Online Member Product Registration, Felt strip set * May not be included depending on your area. Check with your Yamaha dealer.
Separately Sold Accessories (May not be available depending on your area.)			Headphones (HPH-50/HPH-100/HPH-150), USB wireless LAN adaptor (UD-WL01), Wireless MIDI Adaptor (UD-BT01/MD-BT01)

* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Yamaha dealer.

Index

About *Bluetooth*

Bluetooth capability

Depending on the country in which you purchased the product, the instrument may not have *Bluetooth* capability.

If the *Bluetooth* logo is printed on the control panel, this means that the product is equipped with *Bluetooth* functionality.

Bluetooth logo, lamp

- *Bluetooth* is a technology for wireless communication between devices within an area of about 10 meters (33 ft.) employing the 2.4 GHz frequency band.

Bluetooth®

- The *Bluetooth*® word mark and logos are registered trademarks owned by *Bluetooth* SIG, Inc. and any use of such marks by Yamaha is under license.

■ Handling *Bluetooth* communications

- The 2.4 GHz band used by *Bluetooth* compatible devices is a radio band shared by many types of equipment. While *Bluetooth* compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.
- The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
- Yamaha does not guarantee all wireless connections between this unit and devices compatible with *Bluetooth* function.

Quick Operation Guide

While holding down the button on the control panel, press one of the corresponding keys shown below to set parameters.

DEMO/SONG +

Audio Song Volume (page 27)

C1	D#1		F#1	G#1	A#1		C2	D#2		F#2	
1 2 3 4 5	6 7 8 9 10 11 12						13 14 15 16 17	18 19 20			

PIANO/VOICE +

VRM (page 21) — On/OFF (C0)

Damper Resonance Depth (page 21)

G0	A#0		C1	D#1		F1	G1	A1	B1
0 1 2 3 4			5 6 7 8 9 10						

String Resonance Depth (page 21)

C1	D#1					C2	D#2		F#2
0 1 2 3 4 5						6 7 8 9 10			

Half Pedal Point (page 16)

A#4	C5	D#5	E5
-2 -1 0 +1 +2 +3 +4			

Binaural Sampling / Stereophonic Optimizer (page 15) — On/OFF (C6)

Touch Sensitivity (page 20)

A6	A#6	B6	C7
OFF 1 2 3			

METRONOME +

Metronome Volume (page 19)

C1	D#1		F#1	G#1	A#1		C2	D#2		F#2	
1 2 3 4 5	6 7 8 9 10 11 12						13 14 15 16 17	18 19 20			

Metronome Beat (page 19)

CH3	D3	E3	F3
0 2 3 4 5 6			

Tempo (page 20)

A#4	C5	D5
-10 -1 Default +1 +10		

FUNCTION +

IAC (page 14) — On/OFF (C0)

IAC Depth (page 14)

A0	A#0	B0	C1	C#1	D1
-3 -2 -1 0 +1 +2 +3					

Brightness of the Sound (Brilliance) (page 22)

B1	C2	C#2	D2
-2 -1 1 2 3 4 5			+3

Transpose (page 23)

F#2	G#2	A#2		C3	D3	E3	F3	F#3
-6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6								

Base Note (page 24)

C	C#	D	Eb	E	F	F#	G	Ab	A	Bb	B
C#4 D#4 E4 F4 F#4 G#4 A4 A#4											

Scale (page 24)

C5	C#5	D#5	E5	F#5
1 2 3 4 5 6 7				

Auto Power Off function (page 13) — On/OFF (A5)

Local Control (page 37) — On/OFF (B5)

Version (page 13) (C6)

Bluetooth Pairing (page 41) (E6)

AUX IN Noise Gate (page 36) — On/OFF (F6)

Bluetooth Function (page 41) — On/OFF (G6)

Audio Loop Back (page 40) (C7)

Information for users on collection and disposal of old equipment:

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.
For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation.

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

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

For business users in the European Union:
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

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

(weee_eu_en_02)

Informations concernant la collecte et le traitement des déchets d'équipements électriques et électroniques

Le symbole sur les produits, l'emballage et/ou les documents joints signifie que les produits électriques ou électroniques usagés ne doivent pas être mélangés avec les déchets domestiques habituels.
Pour un traitement, une récupération et un recyclage appropriés des déchets d'équipements électriques et électroniques, veuillez les déposer aux points de collecte prévus à cet effet, conformément à la réglementation nationale.

En vous débarrassant correctement des déchets d'équipements électriques et électroniques, vous contribuerez à la sauvegarde de précieuses ressources et à la prévention de potentiels effets négatifs sur la santé humaine qui pourraient advenir lors d'un traitement inapproprié des déchets.

Pour plus d'informations à propos de la collecte et du recyclage des déchets d'équipements électriques et électroniques, veuillez contacter votre municipalité, votre service de traitement des déchets ou le point de vente où vous avez acheté les produits.

Pour les professionnels dans l'Union européenne :
Si vous souhaitez vous débarrasser des déchets d'équipements électriques et électroniques, veuillez contacter votre vendeur ou fournisseur pour plus d'informations.

Informations sur la mise au rebut dans d'autres pays en dehors de l'Union européenne :
Ce symbole est seulement valable dans l'Union européenne. Si vous souhaitez vous débarrasser de déchets d'équipements électriques et électroniques, veuillez contacter les autorités locales ou votre fournisseur et demander la méthode de traitement appropriée.

(weee_eu_fr_02)

Información para usuarios sobre la recogida y eliminación de los equipos antiguos

Este símbolo en los productos, embalajes y documentos anexos significa que los productos eléctricos y electrónicos no deben mezclarse con los desperdicios domésticos normales.
Para el tratamiento, recuperación y reciclaje apropiados de los productos antiguos, llévelos a puntos de reciclaje correspondientes, de acuerdo con la legislación nacional.

Al deshacerse de estos productos de forma correcta, ayudará a ahorrar recursos valiosos y a impedir los posibles efectos desfavorables en la salud humana y en el entorno que de otro modo se producirían si se trataran los desperdicios de modo inapropiado.

Para obtener más información acerca de la recogida y el reciclaje de los productos antiguos, póngase en contacto con las autoridades locales, con el servicio de eliminación de basuras o con el punto de venta donde adquirió los artículos.

Para los usuarios empresariales de la Unión Europea:
Si desea desechar equipos eléctricos y electrónicos, póngase en contacto con su vendedor o proveedor para obtener más información.

Información sobre la eliminación en otros países fuera de la Unión Europea:
Este símbolo solo es válido en la Unión Europea. Si desea desechar estos artículos, póngase en contacto con las autoridades locales o con el vendedor y pregúnteles el método correcto.

(weee_eu_es_02)

For U.S.A.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For CANADA

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For U.S.A. and CANADA

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption rate (SAR).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation du débit d'absorption spécifique (DAS).

For European Union and United Kingdom

EN English
SIMPLIFIED EU DECLARATION OF CONFORMITY /
SIMPLIFIED UK DECLARATION OF CONFORMITY
Hereby, Yamaha Music Europe GmbH declares that the radio equipment type [N1X] is in compliance with Directive 2014/53/EU and the radio equipment regulations of UK. The full texts of the EU declaration of conformity and the UK declaration of conformity are available at the following internet address:
https://europe.yamaha.com/en/support/compliance/doc.html

BG Bulgarian
ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ
С настоящото Yamaha Music Europe GmbH декларира, че този тип радиосъоръжение [N1X] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
https://europe.yamaha.com/en/support/compliance/doc.html

ES Spanish
DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA
Por la presente, Yamaha Music Europe GmbH declara que el tipo de equipo radioeléctrico [N1X] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
https://europe.yamaha.com/en/support/compliance/doc.html

CS Czech
ZJEDNODUŠENÉ EU PROHLÁŠENÍ O SHODĚ
Tímto Yamaha Music Europe GmbH prohlašuje, že typ rádiového zařízení [N1X] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
https://europe.yamaha.com/en/support/compliance/doc.html

DA Danish
FORENKLET EU-OVERENSSTEMMELSESERKLÆRING
Hermed erklærer Yamaha Music Europe GmbH, at radioudstyrstypen [N1X] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
https://europe.yamaha.com/en/support/compliance/doc.html

DE German
VEREINFACHTE EU-KONFORMITÄTSERKLÄRUNG
Hiermit erklärt Yamaha Music Europe GmbH, dass der Funkanlagentyp [N1X] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
https://europe.yamaha.com/en/support/compliance/doc.html

ET Estonian
LIHTSUSTATUD ELI VASTAVUSDEKLARATSIOON
Käesolevaga deklareerib Yamaha Music Europe GmbH, et käesolev raadioseadme tüüp [N1X] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
https://europe.yamaha.com/en/support/compliance/doc.html

EL Greek
ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ
Με την παρούσα ο/η Yamaha Music Europe GmbH, δηλώνει ότι ο ραδιοεξοπλισμός [N1X] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
https://europe.yamaha.com/en/support/compliance/doc.html

FR French
DECLARATION UE DE CONFORMITE SIMPLIFIEE
Le soussigné, Yamaha Music Europe GmbH, déclare que l'équipement radioélectrique du type [N1X] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
https://europe.yamaha.com/en/support/compliance/doc.html

HR Croatian
POJEDNOSTAVLJENA EU IZJAVA O SUKLADNOSTI
Yamaha Music Europe GmbH ovime izjavljuje da je radijska oprema tipa [N1X] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi:
https://europe.yamaha.com/en/support/compliance/doc.html

IT Italian
DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA
Il fabbricante, Yamaha Music Europe GmbH, dichiara che il tipo di apparecchiatura radio [N1X] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
https://europe.yamaha.com/en/support/compliance/doc.html

LV Latvian
VIENKĀRŠOTA ES ATBILSTĪBAS DEKLARĀCIJA
Ar šo Yamaha Music Europe GmbH deklarē, ka radioiekārta [N1X] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
https://europe.yamaha.com/en/support/compliance/doc.html

LT Lithuanian
SUPAPRASTINTA ES ATITIKTIES DEKLARACIJA
Aš, Yamaha Music Europe GmbH, patvirtinu, kad radijo įrenginių tipas [N1X] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
https://europe.yamaha.com/en/support/compliance/doc.html

HU Hungarian
EGYSZERŰSÍTETT EU-MEGFELELŐSÉGI NYILATKOZAT
Yamaha Music Europe GmbH igazolja, hogy a [N1X] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
https://europe.yamaha.com/en/support/compliance/doc.html

NL Dutch
VEREENVOUDIGDE EU-CONFORMITEITSVERKLARING
Hierbij verklaar ik, Yamaha Music Europe GmbH, dat het type radioapparatuur [N1X] conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
https://europe.yamaha.com/en/support/compliance/doc.html

PL Polish
UPROSZCZONA DEKLARACJA ZGODNOŚCI UE
Yamaha Music Europe GmbH niniejszym oświadcza, że typ urządzenia radiowego [N1X] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
https://europe.yamaha.com/en/support/compliance/doc.html

PT Portuguese
DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA
O(a) abaixo assinado(a) Yamaha Music Europe GmbH declara que o presente tipo de equipamento de rádio [N1X] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
https://europe.yamaha.com/en/support/compliance/doc.html

RO Romanian
DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ
Prin prezenta, Yamaha Music Europe GmbH declară că tipul de echipamente radio [N1X] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
https://europe.yamaha.com/en/support/compliance/doc.html

SK Slovak
ZJEDNODUŠENÉ EÚ VYHLÁSENIE O ZHODE
Yamaha Music Europe GmbH týmto vyhlasuje, že rádiové zariadenie typu [N1X] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
https://europe.yamaha.com/en/support/compliance/doc.html

SL Slovenian
POENOSTAVLJENA IZJAVA EU O SKLADNOSTI
Yamaha Music Europe GmbH potrjuje, da je tip radijske opreme [N1X] skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
https://europe.yamaha.com/en/support/compliance/doc.html

FI Finnish
YKSINKERTAISTETTU EU-VAATIMUSTENMUKAISUUSVAKUUTUS
Yamaha Music Europe GmbH vakuuttaa, että radiolaitetyyppi [N1X] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
https://europe.yamaha.com/en/support/compliance/doc.html

SV Swedish
FÖRENKLAD EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE
Härmed försäkrar Yamaha Music Europe GmbH att denna typ av radioutrustning [N1X] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
https://europe.yamaha.com/en/support/compliance/doc.html

TR Turkey
BASİTLEŞTİRİLMİŞ AVRUPA BİRLİĞİ UYGUNLUK BİLDİRİMİ
İşbu belge ile, Yamaha Music Europe GmbH, radyo cihaz tipinin [N1X], Direktif 2014/53/AB'ye uygunluğunu beyan eder. AB uyumu beyanının tam metni aşağıdaki internet adresinden edinilebilir:
https://europe.yamaha.com/en/support/compliance/doc.html

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. * 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. *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. * 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. * 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 versión del archivo para imprimir está disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo

Avviso 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. * 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. * AEE: Área Económica 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 ιστοσελίδα (Εκτυπώσιμη μορφή είναι διαθέσιμη στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπία της Yamaha στη χώρα σας. * 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 webbadress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * 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 Yamaha-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet

Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz — Dansk

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

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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. *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. * 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. * 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. * 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 prinditav fail) või pöörduge Teie regiooni Yamaha esinduse poole. * 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. * 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. *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. * EHP: Európsky hospodársky priestor

Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in 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. * 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. * 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. * SEE: Spaţiul Economic European

Važna obavijest: Informacije o jamstvu za države EGP-a i Švicarske — Hrvatski

Za detaljne informacije o jamstvu za ovaj Yamahin proizvod te jamstvenom servisu za cijeli EGP i Švicarsku, molimo Vas da posjetite web-stranicu navedenu u nastavku ili kontaktirate ovlašteno Yamahinog dobavljača u svojoj zemlji. * EGP: Europski gospodarski prostor

https://europe.yamaha.com/warranty/

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.

Para detalles sobre productos, contacte su tienda Yamaha más cercana o el distribuidor autorizado que se lista debajo.

NORTH AMERICA

CANADA
Yamaha Canada Music Ltd.
135 Milner Avenue, Toronto, Ontario M1S 3R1, Canada
Tel: +1-416-298-1311

U.S.A.
Yamaha Corporation of America
6600 Orangethorpe Avenue, Buena Park, CA 90620, U.S.A.
Tel: +1-714-522-9011

CENTRAL & SOUTH AMERICA

MEXICO
Yamaha de México, S.A. de C.V.
Av. Insurgentes Sur 1647 Piso 9, Col. San José Insurgentes, Delegación Benito Juárez, México, D.F., C.P. 03900, México
Tel: +52-55-5804-0600

BRAZIL
Yamaha Musical do Brasil Ltda.
Praça Professor José Lannes, 40-Cjs 21 e 22, Brooklin Paulista Novo CEP 04571-100 – São Paulo – SP, Brazil
Tel: +55-11-3704-1377

ARGENTINA
Yamaha Music Latin America, S.A., Sucursal Argentina
Olga Cossettini 1553, Piso 4 Norte, Madero Este-C1107CEK, Buenos Aires, Argentina
Tel: +54-11-4119-7000

PANAMA AND OTHER LATIN AMERICAN REGIONS/ CARIBBEAN REGIONS
Yamaha Music Latin America, S.A.
Edificio Torre Davivienda, Piso: 20 Avenida Balboa, Marbella, Corregimiento de Bella Vista, Ciudad de Panamá, Rep. de Panamá
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EUROPE

THE UNITED KINGDOM/IRELAND
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Tel: +44-1908-366700

GERMANY
Yamaha Music Europe GmbH
Siemensstrasse 22-34, 25462 Rellingen, Germany
Tel: +49-4101-303-0

SWITZERLAND/LIECHTENSTEIN
Yamaha Music Europe GmbH, Branch Switzerland in Thalwil
Seestrasse 18a, 8800 Thalwil, Switzerland
Tel: +41-44-3878080

AUSTRIA/CROATIA/CZECH REPUBLIC/ HUNGARY/ROMANIA/SLOVAKIA/ SLOVENIA
Yamaha Music Europe GmbH, Branch Austria
Schleiergasse 20, 1100 Wien, Austria
Tel: +43-1-60203900

POLAND
Yamaha Music Europe Sp.z o.o. Oddział w Polsce
ul. Wielicka 52, 02-657 Warszawa, Poland
Tel: +48-22-880-08-88

BULGARIA
Dinacord Bulgaria LTD.
Bul.Iskarsko Schose 7 Targowski Zentar Ewropa 1528 Sofia, Bulgaria
Tel: +359-2-978-20-25

MALTA
Olimpus Music Ltd.
Valletta Road, Mosta MST9010, Malta
Tel: +356-2133-2093

NETHERLANDS/BELGIUM/ LUXEMBOURG
Yamaha Music Europe, Branch Benelux
Clarissenhof 5b, 4133 AB Vianen, The Netherlands
Tel: +31-347-358040

FRANCE
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7 rue Ambroise Croizat, Zone d'activités de Pariest, 77183 Croissy-Beaubourg, France
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ITALY
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Tel: +39-039-9065-1

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Ctra. de la Coruña km. 17,200, 28231 Las Rozas de Madrid, Spain
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19th klm. Leof. Lavriou 190 02 Peania – Attiki, Greece
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FI-01510 Vantaa, Finland
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Grini Næringspark 1, 1332 Østerås, Norway
Tel: +47-6716-7800

ICELAND
Hljodfaerahusid Ehf.
Sidumula 20
IS-108 Reykjavik, Iceland
Tel: +354-525-5050

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Nakas Music Cyprus Ltd.
Nikis Ave 2k
1086 Nicosia
Tel: + 357-22-511080

Major Music Center
21 Ali Riza Ave. Ortakoy
P.O.Box 475 Lefkoşa, Cyprus
Tel: (392) 227 9213

RUSSIA
Yamaha Music (Russia) LLC.
Room 37, entrance 7, bld. 7, Kievskaya street, Moscow, 121059, Russia
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OTHER EUROPEAN REGIONS
Yamaha Music Europe GmbH
Siemensstrasse 22-34, 25462 Rellingen, Germany
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AFRICA

Yamaha Music Gulf FZE
JAFZA-16, Office 512, P.O.Box 17328, Jebel Ali FZE, Dubai, UAE
Tel: +971-4-801-1500

MIDDLE EAST

TURKEY
Yamaha Music Europe GmbH Merkezi Almanya Türkiye İstanbul Şubesi
Mor Sumbul Sokak Varyap Meridian Business 1.Blok No:1 113-114-115
Bati Atasehir Istanbul, Turkey
Tel: +90-216-275-7960

ISRAEL
RBX International Co., Ltd.
P.O Box 10245, Petach-Tikva, 49002
Tel: (972) 3-925-6900

OTHER REGIONS
Yamaha Music Gulf FZE
JAFZA-16, Office 512, P.O.Box 17328, Jebel Ali FZE, Dubai, UAE
Tel: +971-4-801-1500

ASIA

THE PEOPLE'S REPUBLIC OF CHINA
Yamaha Music & Electronics (China) Co., Ltd.
2F, Yunhedasha, 1818 Xinzha-lu, Jingan-qu, Shanghai, China
Tel: +86-400-051-7700

HONG KONG
Tom Lee Music Co., Ltd.
11/F., Silvercord Tower 1, 30 Canton Road, Tsimshatsui, Kowloon, Hong Kong
Tel: +852-2737-7688

INDIA
Yamaha Music India Private Limited
P-401, JMD Megapolis, Sector-48, Sohna Road, Gurugram-122018, Haryana, India
Tel: +91-124-485-3300

INDONESIA
PT. Yamaha Musik Indonesia (Distributor)
Yamaha Music Center Bldg. Jalan Jend. Gatot Subroto Kav. 4, Jakarta 12930, Indonesia
Tel: +62-21-520-2577

KOREA
Yamaha Music Korea Ltd.
11F, Prudential Tower, 298, Gangnam-daero, Gangnam-gu, Seoul, 06253, Korea
Tel: +82-2-3467-3300

MALAYSIA
Yamaha Music (Malaysia) Sdn. Bhd.
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