

ARIUS YDP-103

Owner's Manual

Before using the instrument, be sure to read "PRECAUTIONS" on pages 5-7. For information on assembling the instrument, refer to the instructions at the end of this manual.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

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

For AC adaptor



WARNING

- This AC adaptor is designed for use with only Yamaha electronic instruments. Do not use for any other purpose.
- · Indoor use only. Do not use in any wet environments.



CAUTION

• When setting up, make sure that the AC outlet is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch of the instrument and disconnect the AC adaptor from the outlet. When the AC adaptor is connected to the AC outlet, keep in mind that electricity is flowing at the minimum level, even if the power switch is turned off. When you are not using the instrument for a long time, make sure to unplug the power cord from the wall AC outlet.

For YDP-103



WARNING

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

Power supply/AC adaptor

- 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 the specified adaptor (page 25) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

Do not open

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

Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet
 conditions, or place 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.



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

Power supply/AC adaptor

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

Assembly

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

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- When transporting or moving the instrument, always use two or more people. Attempting to lift the instrument by yourself may damage your back, result in other injury, or cause damage to the instrument itself.
- Before moving the instrument, remove all connected cables, 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.
- Use only the stand specified for the instrument. When attaching it, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.

Connections

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

Handling caution

- Do not insert a finger or hand in any gaps on the key cover or instrument. Also take care that the key cover does not pinch your finger.
- Never insert or drop paper, metallic, or other objects into the gaps on the key cover, panel or keyboard. 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.

Using the bench (If included)

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

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.



(bottom_en_01) The name plate is located on the bottom of the unit.

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 an application on your iPad, iPhone or iPod touch, we recommend that you set "Airplane Mode" to "ON" on that device 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.

■ 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.
- · 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 types of data (page 21) will be stored in internal memory, and maintained even if the power is turned off. However, the data could be lost due to malfunction or incorrect operation.

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 as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.
- iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

■ Tuning

• Unlike an acoustic piano, this instrument does not need to be tuned by an expert (although the pitch can be useradjusted to match other instruments). This is because the pitch of digital instruments is always maintained perfectly.

Table of Contents

PRECAUTIONS5
About the Manuals9
Included Accessories9
Panel Controls and Terminals10
Introduction
Setting Up11
Key Cover11
Music Rest11
Turning the Power On12
Setting the Volume12
Auto Power Off Function13
Setting the Operation Confirmation Sounds13
Using Headphones13
Reference Selecting & Playing Voices14
Selecting a Voice
Layering Two Voices (Dual)14
Playing Duo
Adding Variations to the Sound (Reverb)
Setting the Touch Sensitivity16
Transposing the Pitch in Semitones16
Fine-tuning the Pitch
Using the Pedals17
Playing Back Songs18
Listening to the Voice Demo Songs18
Listening to the Piano Songs (Preset Songs)18
Using the Metronome19
Selecting a Beat
Adjusting the Tempo19
Adjusting the Volume of the Metronome19

Connecting Other Equipment	20
Connecting an iPad or iPhone	20
Connecting to a computer	20
MIDI Settings	20
Data Backup and Initializing	21
Appendix	
Troubleshooting	21
Keyboard Stand Assembly	22
Specifications	25
Index	26

Thank you for choosing the Yamaha digital piano.

In order to make the most of the performance potential and features of the instrument, please read the manuals thoroughly, and keep them in a handy place for later reference.

About the Manuals

This instrument has the following manuals.

■ Included Manuals



Owner's Manual (this book)

Explains how to use the instrument.



Quick Operation Guide (separate sheet)

Shows in chart form the functions assigned to the buttons and the keyboard for quick understanding.

■ Online Manuals (PDF)



iPhone/iPad Connection Manual

Explains how to connect the instrument to a smart device, such as iPhone, iPad.



Computer-related Operations

Includes instructions on connecting this instrument to a computer, and operations related to transferring song data.



MIDI Reference

Contains the MIDI Data Format and MIDI Implementation chart, as well as descriptions on MIDI functions such as MIDI channel and Local Control settings.



MIDI Basics (only in English, French and German)

Contains basic explanations about MIDI.

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

Yamaha Downloads

http://download.yamaha.com/

Included Accessories

- Owner's Manual (this book)
- Quick Operation Guide (separate sheet)
- Online Member Product Registration*1
- Warranty*2
- AC adaptor*2
- Bench*2
- *1 You will need the PRODUCT ID on the sheet in order. to fill out the User Registration form.
- *2 May not be included depending on your particular area. Please check with your Yamaha dealer.

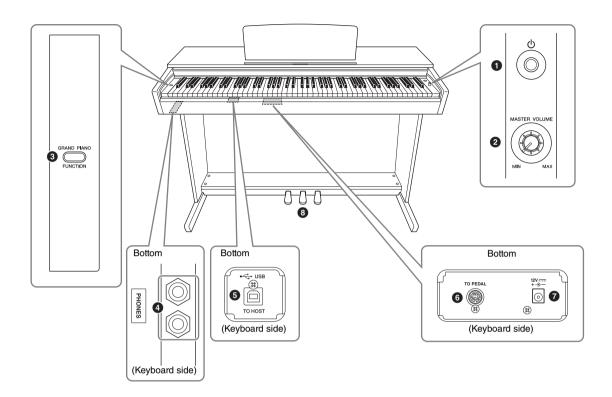
Smart device application

- Digital Piano Controller

With the specially developed Digital Piano Controller app running on your iPhone, iPad, or iPod touch, you can remotely control your digital piano for even more convenience and flexibility. By presenting various parameters on-screen, this app allows you to make settings in a visual, more intuitive manner. For more details on Digital Piano Controller, refer to the following Yamaha web site. http://yamaha.com/kbdapps/

For instructions on connecting the instrument to a smart-device, refer to the "iPhone/iPad Connection Manual."

Panel Controls and Terminals



- **1** [♣] (Standby/On) switch...... page 12 For turning the power on or setting to standby.
- 2 [MASTER VOLUME] knob page 12 For adjusting the volume of the entire sound.
- **3** [GRAND PIANO/FUNCTION] buttonpages 14, 15, 16, 18, 19, 20 For instantly calling up the Grand Piano 1 Voice.

FUNCTION

You can set various parameters by pressing a note on the keyboard while holding this button.

- **⚠** [PHONES] jacks......page 13 For connecting a set of standard stereo headphones.
- **⑤** [USB TO HOST] terminal

For connecting to a computer or a smart device such as iPhone or iPad. Refer to the online manual "Computer-related Operations" for connection to a computer. For instructions on using MIDI, refer to the online manual "MIDI Reference" (page 9).

NOTICE

Use an AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used.

- **6** [TO PEDAL] jack page 23 For connecting the pedal cord.
- **7** DC IN jack...... page 12 For connecting the AC adaptor.
- **3** Pedals page 17 For controlling expression and sustain, just as on an acoustic piano.

Setting Up

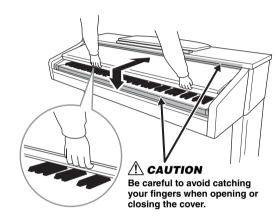
Key Cover

To open the key cover:

Lift the cover slightly, then push and slide it to the end.

To close the key cover:

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

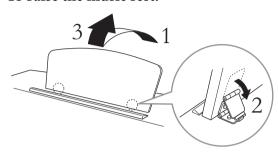


⚠ CAUTION

- Hold the cover with both hands when opening or closing it. Do not release it until it is fully opened or closed. Be careful to avoid catching fingers (yours or others, especially children's) between the cover and main unit.
- Do not place objects, such as a piece of metal or paper, on top of the key cover. Small objects placed on the key cover may fall inside the unit when the cover is opened and may be nearly impossible to remove. This could cause electric shock, short circuit, fire or other serious damage to the instrument

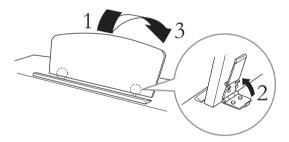
Music Rest

To raise the music rest:



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

To lower the music rest:



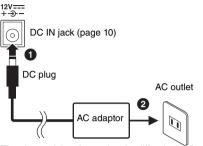
- 1. Pull the music rest toward yourself as far as it will go.
- 2. Raise the two metal supports (at the rear of the music rest).
- 3. Gently lower the music rest backward until it is all the way down.

∕!\ CAUTION

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

Turning the Power On

1 . Connect the plugs of the AC adaptor in the order shown in the illustration.



The shape of the plug and outlet differ depending on the locale.



Use the specified adaptor (page 25) only. The use of other adaptors may result in irreparable damage to both the adaptor and the instrument.

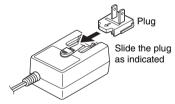
/ CAUTION

Remove the AC plug from the AC outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

Follow this procedure in reverse order when disconnecting the AC adaptor.

For the Power Adaptor with a Removable Plug

Do not remove the plug from the power adaptor. If the plug is removed accidentally, slide the plug into place without touching the metallic parts, and then push the plug in completely until it clicks.

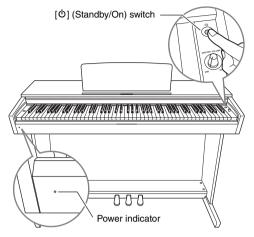


The shape of the plug and outlet differ depending on the locale.

/!\ WARNING

- Make sure to keep the plug attached to the AC adaptor. Using the plug alone can cause electric shock or fire.
- Never touch the metallic section when attaching the plug. To avoid electric shock, short circuit or damage, also be careful that there is no dust between the AC adaptor and pluq.

2. Press the [0] (Standby/On) switch to turn the power on.



Power indicator

If you close the key cover without turning the power to standby, the power indicator remains lit, indicating that the power is still on.

When you're ready to turn the power to standby, press the $[\mathfrak{O}]$ (Standby/On) switch again for a second. The power indicator turns off.

⚠ CAUTION

Even when the [0] (Standby/On) switch is in the standby status, electricity is still flowing to the instrument at a minimum level. When not using the instrument for an extended period of time, be sure to unplug the power cord from the wall AC outlet.

Setting the Volume

When you start playing, use the [MASTER VOL-UME] knob to adjust the volume of the entire keyboard sound.



∴ CAUTION

Do not use this instrument at a high volume level for a long period of time, to avoid damaging your hearing.

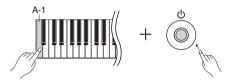
Auto Power Off Function

To prevent unnecessary power consumption, this function automatically turns the power off if no buttons or keys are operated for approximately 30 minutes. If desired, you can disable or enable this function.

To disable the Auto Power Off function:

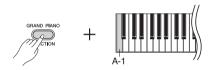
When the instrument is turned off:

While holding down the lowest key (A-1), press the $[\mathfrak{G}]$ (Standby/On) switch to turn on the power so that the power indicator flashes three times, after which the Auto Power Off function is disabled.



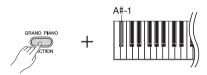
When the instrument is turned on:

While holding down [GRAND PIANO/FUNCTION], press the lowest key (A-1).



To enable the Auto Power Off function:

While holding down [GRAND PIANO/FUNC-TION], press the A#-1 key.



Setting the Operation Confirmation Sounds

Because of the simple, piano-like design of this instrument, there are a minimum of panel controls, and most settings are made using the keys of the keyboard. When you turn a function on or off, or change a setting, the instrument produces a sound to confirm the change. For a list of the functions assigned to the buttons and keys, see the included "Quick Operation Guide."

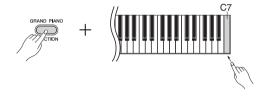
Setting the Operation Confirmation Sounds On or Off

When a setup is changed using a button and key combination, an operation sound ("On," "Off," click, tempo value input) is sounded. This confirmation sound can be enabled (ON) or disabled (OFF) as desired.

Turning the Operation Confirmation Sounds on Press the C7 key while holding down [GRAND PIANO/ FUNCTION].

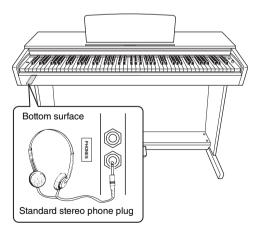
Turning the Operation Confirmation Sounds off Press the C7 key while holding down [GRAND PIANO/ FUNCTION].

Default setting: on



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. Inserting headphones automatically turns off the speakers.



⚠ CAUTION

Do not use headphones at a high volume for an extended period of time; doing so may cause hearing loss.

Selecting & Playing Voices

Selecting a Voice

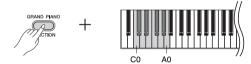
To select the Grand Piano Voice:

Simply press [GRAND PIANO/FUNCTION] to instantly call up the Grand Piano 1 Voice — no matter what other Voice is called up or other settings are made.



To select another Voice:

While holding [GRAND PIANO/FUNCTION], press one of the C0 - A0 keys.



Voice List

Key	Voice Name	Description
C0	GRAND PIANO 1	Recorded samples from a full concert grand piano. Perfect for classical compositions as well as any other style that requires acoustic piano.
C#0	GRAND PIANO 2	Bright piano sound. Clear tone helps the sound to "cut through" when playing in an ensemble.
D0	E. PIANO 1	Vintage electric piano sound of hammer- struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
D#0	E. PIANO 2	An electronic piano sound created by FM synthesis. Good for standard popular music.
E0	PIPE ORGAN 1	A typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
F0	PIPE ORGAN 2	This is the organ's full coupler sound, often associated with Bach's "Toccata and Fugue."
F#0	STRINGS	Spacious and large-scale string ensemble. Try combining this Voice with piano in DUAL.
G0	HARPSI- CHORD 1	The definitive instrument for baroque music. Authentic harpsichord sound, with plucked strings, no touch response.
G#0	HARPSI- CHORD 2	Mixes the same Voice an octave higher for a more brilliant, dynamic tone.
A0	VIBRA- PHONE	Played with relatively soft mallets.

After selecting the desired Voice, play the keyboard.

NOTE

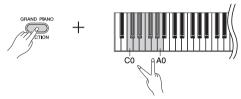
To familiarize yourself with the characteristics of the Voices, listen to the Demo Songs for each Voice (page 18).

Layering Two Voices (Dual)

You can play Voices simultaneously across the entire range of the keyboard.

1 Engage Dual.

While holding down [GRAND PIANO/FUNC-TION], simultaneously press any two desired keys from C0 -A0.

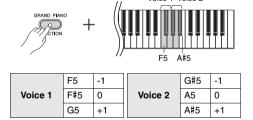


The Voice assigned to the left side key is Voice 1, while the Voice assigned to the right side key is Voice 2.

2 To exit from Dual, simply press [GRAND] PIANO/FUNCTION].

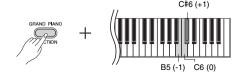
To shift the Octave for each Voice:

While holding down [GRAND PIANO/FUNCTION], press one of the F5 - A#5 keys.



To adjust the Balance between two Voices:

This operation adjusts the level of Voice 1, relative to Voice 2. While holding down [GRAND PIANO/ FUNCTION], press the B5 key to decrease by one, C#6 to increase by one, or C6 to set to 0 (equal balance). The setting range is from -6 to +6. Settings above "0" increase the volume of Voice 1, and vice versa.

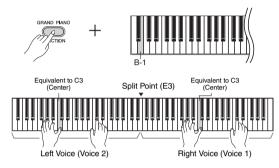


Playing Duo

This function allows two different players to play the instrument, one on the left and the other on the right, over the same octave range.

1 While holding down [GRAND PIANO/ FUNCTION], press the B-1 key to engage Duo.

The keyboard is divided into the two sections with the E3 key as the Split Point.



NOTE

- The Split Point cannot be changed from E3.
- If the keyboard is in Dual mode, engaging Duo will exit from Dual, and Voice 1 is used over the entire range of the kevboard.
- Changing the Voice will exit from Duo.

2 One person can play the left section of the keyboard while the other plays the right.

Sounds played with the left voice are played from the left speaker, and sounds played with the right voice are played from the right speaker.

3 To exit from Duo, press the B-1 key while holding [GRAND PIANO/FUNCTION] again.

To shift the Octave for each Voice:

Same as in Dual (page 14).

Pedal function in Duo

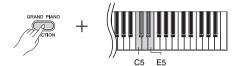
Damper Pedal: Applies Sustain to the right section. **Sostenuto Pedal:** Applies Sustain to both sections. **Soft Pedal:** Applies Sustain to the left section.

Adding Variations to the Sound (Reverb)

This instrument features several Reverb Types that add extra depth and expression to the sound to create a realistic acoustic ambience. Although the appropriate Reverb Type is called up automatically when you select each of the Voices, you can change the Reverb Type as desired.

To select a Reverb Type:

While holding down [GRAND PIANO/FUNCTION], press one of the C5 - E5 keys.



Reverb Type List

Key	Reverb Type	Description
C5	Room	Adds a continuous reverb effect to the sound, similar to the acoustic reverberation you would hear in a room.
C#5	Hall1	For a bigger reverb sound. This effect simulates the natural reverberation of a small-size concert hall.
D5	Hall2	For a truly spacious reverb sound. This effect simulates the natural reverberation of a large concert hall.
D#5	Stage	Simulates the reverb of a stage environment.
E5	Off	No effect is applied.

NOTE

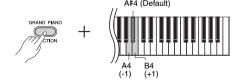
In Dual, the Reverb Type for Voice 1 is called up by default. If "OFF" is assigned to Voice 1, the Reverb Type for the Voice 2 is called up.

To adjust Reverb Depth:

While holding down [GRAND PIANO/FUNCTION], press the A4 key to decrease by one, B4 to increase by one, or A#4 to reset to the default value (most suitable value for the current Voice). The higher the value, the deeper the effect.

Default setting: the setting best suited for the current

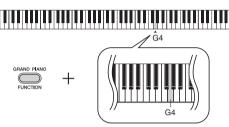
Setting range: 0 (no effect) – 10 (maximum depth)



Setting the Touch Sensitivity

You can specify the Touch Sensitivity (how the sound responds to your playing strength).

While holding down [GRAND PIANO/FUNCTION], each press of the G4 key switches the Touch Sensitivity setting in sequence: Fixed, Soft, Medium and Hard. Also, when Operation Confirmation Sounds is set to "On," the number corresponding to the setting of the Touch Sensitivity is spoken.



Touch Sensitivity

Voice Confir- mation	Touch Sensitivity	Description
0	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.
1	Soft	The volume level does not change much when you play the keyboard soft or hard.
2	Medium	This is the standard piano touch response (default setting).
3	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.

NOTE

The Touch Sensitivity settings may have little or no effect with the PIPE ORGAN and HARPSICHORD Voices, since these instruments are not normally responsive to keyboard dynamics.

Transposing the Pitch in Semitones

You can shift the pitch of the entire keyboard up or down in semitone in order to facilitate playing in difficult key signatures, or to easily match the pitch of the keyboard to the range of a singer or other instruments. For example, if "+5" is selected, playing key C produces pitch F, letting you play a song of F major as though it were in C major.

Setting range: -6 - 0 - +6

To transpose the pitch down:

While holding down [GRAND PIANO/FUNCTION], press the F6 key to decrease by 1 semitone.

To transpose the pitch up:

While holding down [GRAND PIANO/FUNCTION], press the G6 key to increase by 1 semitone.

To restore the original pitch:

While holding down [GRAND PIANO/FUNCTION], press the F#6 key.



Fine-tuning the Pitch

You can fine tune the pitch of the entire instrument in approximately 0.2 Hz increments. This lets you accurately match the keyboard pitch to that of other instruments or CD music.

Setting range: 414.8 - 440.0 - 466.8 Hz

To lower the pitch:

While holding down [GRAND PIANO/FUNCTION], press the G#6 key repeatedly to lower the pitch in approximately 0.2 Hz increments.

To raise the pitch:

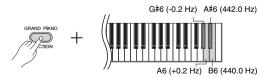
While holding down [GRAND PIANO/FUNCTION], press the A6 key repeatedly to raise the pitch in approximately 0.2 Hz increments.

To set the pitch to A3 = 442 Hz:

While holding down [GRAND PIANO/FUNCTION], press the A#6 key.

To reset the pitch to the default (A3 =440 Hz):

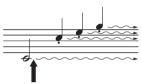
While holding down [GRAND PIANO/FUNCTION], press the B6 key.



Using the Pedals

Damper Pedal (Right)

Pressing this pedal will sustain notes longer. Releasing this pedal immediately stops (damps) any sustained notes. This pedal also features a "half-pedal" function that creates partial sustain effects, depending on how far down you press the pedal.



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

NOTE

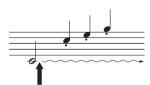
If the damper pedal doesn't work, make sure that the pedal cord is properly plugged into the main unit (page 23).

Half-pedal function

This function allows you to vary the sustain length depending on how far the pedal is pressed. The farther down 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 or higher to decrease the sustain (murkiness).

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 sustained. This makes it possible to sustain a chord or single low note, for example, while the other notes are played "staccato."



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

NOTE

While the sostenuto pedal is held, the organ and strings Voices sound continuously without decay after the notes have been released.

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.

Playing Back Songs

Listening to the Voice Demo Songs

Demo Songs are provided for each of the Voices such as Piano and Organ.

1 While holding down [GRAND PIANO/ FUNCTION], press one of the C1 - A1 keys to start playback.

This operation starts playback of the Demo Song of the Voice assigned to the pressed key. Starting with the selected Song, playback will continue in sequence.



NOTE

The keyboard Voice is automatically set to correspond to that of the current Demo Song. If you select another Voice during playback, the Demo Song will automatically change to that corresponding to the selected new Voice.

Demo Sona List

Voice Name	Title	
	Title	Composer
GRAND PIANO 1	Blumenlied	G.Lange
GRAND PIANO 2	Original	Original
E. PIANO 1	Original	Original
E. PIANO 2	Original	Original
PIPE ORGAN 1	Original	Original
PIPE ORGAN 2	Original	Original
STRINGS	Original	Original
HARPSICHORD 1	Gavotte	J.S. Bach
HARPSICHORD 2	Invention No. 1	J.S. Bach
VIBRAPHONE	Original	Original
3	ERAND PIANO 2 E. PIANO 1 E. PIANO 2 EIPE ORGAN 1 EIPE ORGAN 2 EITEINGS EIARPSICHORD 1 EIARPSICHORD 2	GRAND PIANO 2 Original E. PIANO 1 Original E. PIANO 2 Original E. PIANO 2 Original EIPE ORGAN 1 Original EIPE ORGAN 2 Original EITERINGS Original EITERINGS Original EITERINGS INVENTION I

The demonstration pieces listed above are short rearranged excerpts of the original compositions. All other songs are original (© 2016 Yamaha Corporation).

2 Press [GRAND PIANO/FUNCTION] again to stop playback.



To adjust the playback tempo:

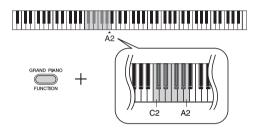
The operation is same as that of the Metronome Tempo (page 19).

Listening to the Piano Songs (Preset Songs)

In addition to the Demo Songs, a variety of Preset Songs are provided for your listening pleasure.

1 While holding down [GRAND PIANO/ FUNCTION], press one of the C2 - A2 keys to start playback.

Starting with the selected Song, playback will continue in sequence.



Preset Song List

Key	No.	Title	Composer
C2	1	Menuett G dur BWV.Anh.114	J.S. Bach
C#2	2	Turkish March	W.A. Mozart
D2	3	Für Elise	L.v. Beethoven
D#2	4	Valse op.64-1 "Petit chien"	F.F. Chopin
E2	5	Träumerei	R. Schumann
F2	6	Dolly's Dreaming and Awakening	T. Oesten
F#2	7	Arabesque	J.F. Burgmüller
G2	8	Humoresque	A. Dvořák
G#2	9	The Entertainer	S. Joplin
A2	10	La Fille aux Cheveux de Lin	C.A. Debussy

2 Press [GRAND PIANO/FUNCTION] again to stop playback.



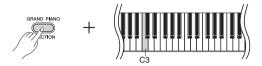
To adjust the playback tempo:

The operation is same as that of Metronome Tempo (page 19).

Using the Metronome

The metronome is convenient for practicing with an accurate tempo.

1 While holding down [GRAND PIANO/ FUNCTION], press the C3 key to start the Metronome.



2 Execute the same operation again to stop the Metronome.

NOTE

Pressing only [GRAND PIANO/FUNCTION] also stops the Metronome, but it also resets to the Grand Piano Voice.

Selecting a Beat

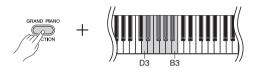
While holding down [GRAND PIANO/FUNCTION], press the C#4 key to decrease the value, or the D4 key to increase the value. The default value is "no beat." When a value other than "no beat" is selected, the first beat is accented with a bell sound.



Adjusting the Tempo

While holding down [GRAND PIANO/FUNCTION], press the D3 - B3 keys (to which numbers 0 - 9 are assigned individually) to specify the three-digit value as a Tempo of the Metronome and Song. To specify "95," for example, press the B3 (0), A#3 (9) and F#3 (5) keys in order while holding down [GRAND PIANO/FUNCTION].

Default setting (Metronome): 120 Setting range: 32 - 280

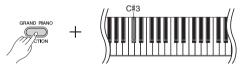


To restore the default value:

While holding down [GRAND PIANO/FUNCTION], press the C4 key.

Voice confirmation of current Tempo value (in English)

While holding down [GRAND PIANO/FUNCTION], press the C#3 key.



Adjusting the Volume of the Metronome

While holding down [GRAND PIANO/FUNCTION], press the D#4 key to decrease the volume of the Metronome, the F4 key to increase the volume, or the E4 to restore the default volume (10).

Setting range: 1 - 20



Connecting Other Equipment

⚠ CAUTION

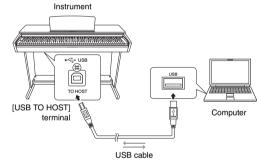
Before connecting the instrument to other electronic components, turn off the power to all the components. Before turning the power on or off to all components, set all volume levels to minimum (0). Otherwise, electrical shock or damage to the components may result.

Connecting an iPad or iPhone

With an iPad or iPhone connected to your digital piano, you can use a wide range of apps to expand the functionality of your instrument in exciting new ways. For details on how to connect the devices, refer to the "iPhone/iPad Connection Manual" (page 9), which you can download for free from the Yamaha web site.

Connecting to a computer

By connecting a computer to the [USB TO HOST] terminal, you can take advantage of various music software with your computer and the instrument. For details on using a computer with this instrument, refer to the "Computer-related Operations" on the website.



NOTE

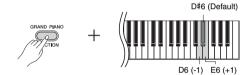
Use an AB type USB cable. When connecting a USB cable, make sure that the length is less than 3 meters.

MIDI Settings

Setting the MIDI Transmit Channels

In any MIDI control setup, the MIDI channels of the transmitting and receiving devices must be matched for proper data transfer. You can specify the channel on which this instrument transmits MIDI data. To do this, while holding down [GRAND PIANO/FUNC-TION], press one of the D6 – E6 keys. The D6 key decreases the value by 1, the E6 key increases the value by 1, and the D#6 key restores the default value (channel 1).

Setting range: 1 - 16 Default value: 1



NOTE

- In Dual, the keyboard performance via Voice 1 is transmitted on the specified MIDI Transmit Channel and the keyboard performance via Voice 2 is transmitted on the next channel number in sequence (specified channel + 1).
- No MIDI messages are output during playback of the Demo Song or Preset Song.

Other MIDI Settings

The MIDI settings other than the Transmit Channel are set as listed below, and cannot be changed.

• MIDI Receive Channels: All channels (1 – 16) • Local Control:On • Program Change Transmit/Receive:.....Yes • Control Change Transmit/Receive:.....Yes

Data Backup and Initializing

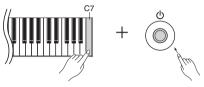
The following data will automatically be maintained as backup data even if you turn off the power.

Backup data

Metronome Volume, Metronome Beat, Touch Sensitivity, Tuning, Auto Power Off, Operation Confirmation Sound on/off

To initialize the backup data:

While holding down the C7 key (right-most key), turn the power on to initialize the backup data to the factory initial settings.



NOTICE

Never turn off the power while the initialization is being executed.

If this instrument somehow malfunctions or fails to operate properly, try executing the initialization.

Appendix

Troubleshooting

Problem	Possible Cause and Solution	
Power suddenly and unexpectedly turns off.	This is normal and the Auto Power Off function may have been activated (page 13). If desired, disable the Auto Power Off function.	
The instrument does not turn on.	The plugs are not properly connected. Make sure that the DC plug is securely inserted into the DC IN jack on the instrument, and that the AC plug is securely inserted to the AC outlet (page 12).	
A click or pop is heard when the power is turned on or off.	This is normal when electrical current is being applied to the instrument.	
Noise is heard from the speakers or headphones.	The noise may be due to interference caused by the use of a mobile phone in close proximity to this instrument. Turn off the mobile phone, or move it further away from this instrument.	
Noise is heard from the instrument's speakers or headphones when using the instrument with the application on iPhone/iPad.	When you use the instrument along with the application on your iPhone/iPad, we recommend that you set "Airplane Mode" to "ON" on your iPhone/iPad in order to avoid noise caused by communication. While Bluetooth is connected, setting "Airplane Mode" to "ON" disconnects Bluetooth; however, the connection can be restored by reconnecting again.	
The overall volume is low, or no	The Master Volume is set too low. Set it to an appropriate level using the [MASTER VOLUME] knob (page 12).	
sound is heard.	Make sure a pair of headphones or conversion adaptor is not connected to the [PHONES] jack (page 13).	
Pedals do not function.	The pedal cord may not be securely connected to the [TO PEDAL] jack. Be sure to insert the pedal cord all the way until the metal part of the cord plug disappears from view (page 23).	
The damper pedal does not function as expected.	The damper pedal was pressed when the power was turned on. This is not a malfunction; release the pedal and press it again to reset the function.	

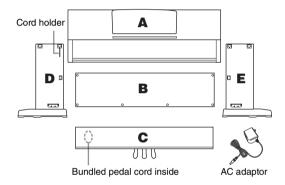
Keyboard Stand Assembly

ACAUTION

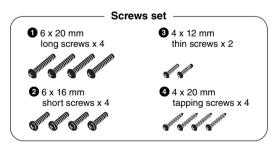
- Be careful not to confuse parts, and be sure to install all parts in the correct orientation. Please assemble the unit in accordance with the sequence given below.
- Assembly should be carried out by at least two persons.
- · Assemble the unit on a hard and flat floor with ample space.
- · Be sure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

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

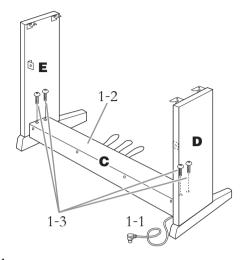
Remove all parts from the package and make sure you have all of the items.



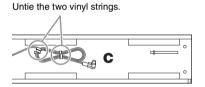
* The adaptor may not be included, or may look different from the illustration above, depending on your particular area. Please check with your Yamaha dealer.



1. After untying the bundled pedal cord on C, attach C to D and E and fasten the screws (1-3).



1-1 Untie and straighten out the bundled pedal cord.

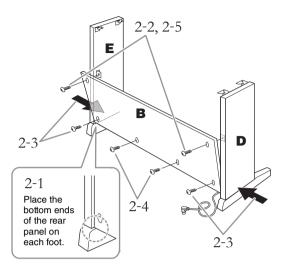


- 1-2 Align D and E with each end of C.
- 1-3 Attach D and E to C by finger-tightening the long screws $\mathbf{0}$ (6 x 20 mm).
- Attach B.

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

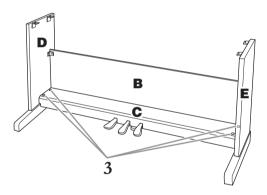
- 2-1 Place the lower side of B on each foot of D and E, then attach the upper side to D and E.
- 2-2 Attach the top of B to D and E by fingertightening the thin screws 3 (4 x 12 mm).
- 2-3 While pressing on the lower part of D and E from the outside, secure the bottom ends of B using two tapping screws 4 (4 x 20 mm).
- 2-4 Insert the other two tapping screws 4 (4 x 20 mm) into the other two screw holes to secure B.

2-5 Securely tighten the screws on the top of B that were attached in Step 2-2.



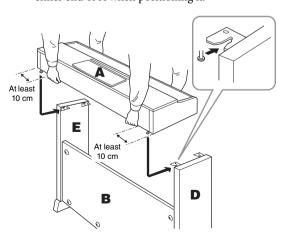
3. Secure C.

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



4. Mount A.

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

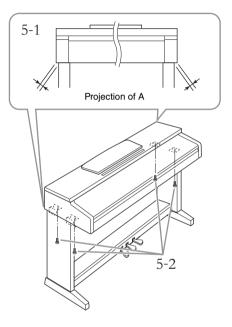


⚠ CAUTION

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

5. Secure A.

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

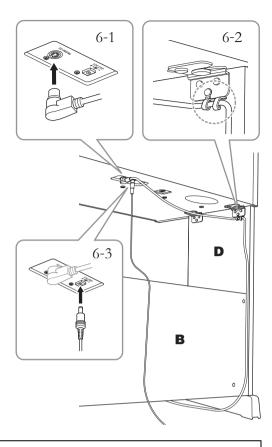


6. Connect the pedal cord and the AC adaptor.

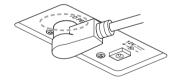
- 6-1 Insert the pedal cord plug to the [TO PEDAL] jack from the rear.
- 6-2 Securely wind the cord holder around the pedal cord.

The cord holder is attached to D.

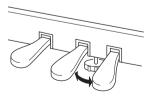
6-3 Insert the AC adaptor plug into the DC IN jack from the rear.



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



7. Set the adjuster.



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

After completing the assembly, please check the following.

- Are there any parts left over?
 - → Review the assembly procedure and correct any errors.
- Is this instrument clear of doors and other movable fixtures?
- → Move the instrument to an appropriate location.
- Does this instrument make a rattling noise when vou shake it?
 - → Tighten all screws.
- Does the pedal box rattle or give way when you step on the pedals?
 - → Turn the adjuster so that it is set firmly against the
- Are the pedal cord plug and the adaptor plug inserted securely into the sockets?
 - → Check the connection.

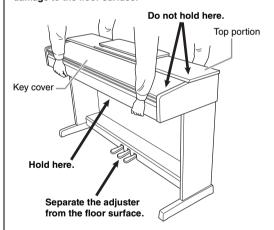
When moving the instrument

/!\ CAUTION

When moving the instrument after assembly, always hold the bottom of the main unit. Do not hold the key cover or top portion. Improper handling can result in damage to the instrument or personal injury.

NOTICE

Rotate the adjuster under the pedal until it separates from the floor surface. Contact with the adjuster can result in damage to the floor surface.



Transporting

If you move to another location, you can transport the instrument along with other belongings. You can move the unit as it is (assembled), or you can disassemble the unit down to the condition it was in when you first took it out of the box. Transport the keyboard horizontally. Do not lean it up against a wall or stand it up on its side. Do not subject the instrument to excessive vibration or shock. When transporting the assembled instrument, make sure all screws are properly tightened and have not been loosened by moving the instrument.

∕!\ 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

	Width		1,357 mm (53-7/16")	
Size/Weight	Height (With music rest raised)		815 mm (32-1/16") (969 mm (38-1/8"))	
Depth			422 mm (16-5/8")	
	Weight		37.5 kg (82 lbs., 11 oz.)	
		Number of Keys	88	
	Keyboard	Туре	GHS with Matte Black Keytops	
		Touch Response	Hard/Medium/Soft/Fixed	
Control Interface		Number of Pedals	3	
	Pedal	Half Pedal	Yes (Damper)	
		Functions	Damper, Sostenuto, Soft	
	Panel Language	•	English	
0.1:	Key Cover Style		Sliding	
Cabinet	Music Rest		Yes	
	Tone Generation	Piano Sound	AWM Stereo Sampling	
Voices	Polyphony	Number of Polyphony (Max.)	64	
	Preset	Number of Voices	10	
	Types	Reverb	4 types	
Effects		Dual	Yes	
	Functions	Duo	Yes	
Playback	Preset	Number of Preset Songs	10 Voice Demo Songs +10 Piano Preset Songs	
		Metronome	Yes	
E	O	Tempo	32 – 280	
Functions	Overall Controls	Transpose	-6 - 0 - +6	
		Tuning	414.8 – 440.0 – 466.8 Hz	
		DC IN	Yes	
Connectivity	Connections	Headphones	Standard stereo phone jack (x 2)	
		USB TO HOST	Yes	
0	Amplifiers	•	6 W x 2	
Sound System	Speakers		Oval (12 cm x 6 cm) x 2	
	Adaptor		PA-150 or an equivalent recommended by Yamaha	
Power Supply	Power Consumption		6 W (When using PA-150 AC adaptor)	
Auto Power Off			Yes	
Included Accessories			Owner's Manual Quick Operation Guide Bench (included or optional depending on locale) Online Member Product Registration AC adaptor: PA-150 or an equivalent (included or optional depending on locale)	
Separately Sold Accessories (May not be available depending on your locale.)		.)	HPH-150/100/50 headphones AC adaptor: PA-150 or an equivalent recommended by Yamaha UD-BT01 Wireless MIDI adaptor	

The contents of this manual apply to the latest specifications as of the publishing date. Since Yamaha makes continuous improvements to the product, this manual may not apply to the specifications of your particular product. 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

A
AC adaptor9
Accessories9
Adjusting the Tempo18, 19
Auto Power Off
C Computer-related Operations9
Connecting an iPad or iPhone20
Connecting to a computer20
D
Damper Pedal17
Data Backup21
Demo Song List
Digital Piano Controller9
Dual14
Duo15
H Half-pedal
Ţ
Initializing21
iPhone/iPad Connection Manual9
K Key Cover11
M
Manuals9
Metronome
MIDI Basics9
MIDI Reference9
MIDI Settings20
Music Rest11
Online Manuals (BDF)
Online Manuals (PDF)
Operation Confirmation Sounds13

P
Panel Controls and Terminals10
Pedals17
Piano Songs18
Power12
Power indicator12
Preset Song List18
Preset Songs
Q
Quick Operation Guide9
R
Reverb15
Reverb Type List15
s
Selecting a Beat19
Soft Pedal17
Sostenuto Pedal17
Т
Touch Sensitivity16
Transposing16
Tuning16
U
USB TO HOST10
V
Voice14
Voice Demo Songs18
Voice List14
Volume12

MEMO

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,

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 Sur 1047 P180 9, Col. San José Insurgentes, Delegación Benito Juárez, México, D.F., C.P. 03900

Tel: +52-55-5804-0600

BRAZIL

Yamaha Musical do Brasil Ltda.

Rua Fidêncio Ramos, 302 – Cj 52 e 54 – Torre B – Vila Olímpia – CEP 04551-010 – 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

VENEZUELA

Yamaha Musical de Venezuela, C.A

AV. Manzanares, C.C. Manzanares Plaza, Piso 4, Oficina 0401, Baruta, Caracas, Venezuela Tel: +58-212-943-1877

PANAMA AND OTHER LATIN AMERICAN COUNTRIES/ CARIBBEAN COUNTRIES

Yamaha Music Latin America, S.A. Edif. Torre Banco General, F7, Urb. Marbella, Calle 47 y Aquilino de la Guardia, Panama, P.O.Box 0823-05863, Panama, Rep.de Panama Tel: +507-269-5311

EUROPE

THE UNITED KINGDOM/IRELAND

Yamaha Music Europe GmbH (UK) Sherbourne Drive, Tilbrook, Milton Keynes, MK7 8BL, U.K. 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, Rellingen, Branch Switzerland in Zürich Seefeldstrasse 94, 8008 Zürich, Switzerland Tel: +41-44-3878080

AUSTRIA

Yamaha Music Europe GmbH, Branch Austria Schleiergasse 20, 1100 Wien, Austria Tel: +43-1-60203900

CZECH REPUBLIC/HUNGARY/

ROMANIA/SLOVAKIA/SLOVENIA Yamaha Music Europe GmbH, Branch Austria Schleiergasse 20, 1100 Wien, Austria

Tel: +43-1-60203900

POLAND/LITHUANIA/LATVIA/ **ESTONIA**

Yamaha Music Europe GmbH

Sp.z o.o. Oddzial w Polsce ul. Wrotkowa 14, 02-553 Warsaw, Poland Tel: +48-22-880-08-88

BULGARIA

DMI12

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

Yamaha Music Europe 7 rue Ambroise Croizat, Zone d'activités de Pariest, 77183 Croissy-Beaubourg, France Tel: +33-1-6461-4000

ITALY

Yamaha Music Europe GmbH, Branch Italy Viale Italia 88, 20020, Lainate (Milano), Italy Tel: +39-02-93577-1

SPAIN/PORTUGAL

Yamaha Music Europe GmbH Ibérica, Sucursal en España

Ctra. de la Coruna km. 17,200, 28231 Las Rozas de Madrid, Spain Tel: +34-91-639-88-88

GREECE

Philippos Nakas S.A. The Music House 19th klm. Leof. Lavriou 190 02 Peania - Attiki, Greece

Tel: +30-210-6686260

SWEDEN

Yamaha Music Europe GmbH Germany filial Scandinavia

JA Wettergrensgata 1, 400 43 Göteborg, Sweden Tel: +46-31-89-34-00

DENMARK

Yamaha Music Denmark,

Fillial of Yamaha Music Europe GmbH, Tyskland Generatorvej 8C, ST. TH., 2860 Søborg, Denmark Tel: +45-44-92-49-00

FINLAND

F-Musiikki Oy

Antaksentie 4 FI-01510 Vantaa, Finland Tel: +358 (0)96185111

NORWAY

Yamaha Music Europe GmbH Germany -

Norwegian Branch Grini Næringspark 1, 1361 Østerås, Norway Tel: +47-6716-7800

ICELAND

Hljodfaerahusid Ehf.

Sidumula 20 IS-108 Reykjavik, Iceland Tel: +354-525-5050

CROATIA

Euro Unit D.O.O. Slakovec 73 40305 Nedelisce Tel: +38540829400

RUSSIA

Yamaha Music (Russia) LLC. Room 37, entrance 7, bld. 7, Kievskaya street, Moscow, 121059, Russia Tel: +7-495-626-5005

OTHER EUROPEAN COUNTRIES

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

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 Maslak Meydan Sodak, Spring Giz Plaza Bagimsiz Böl. No:3, Sanyer Istanbul, Turkey

Tel: +90-212-999-8010

CYPRUS

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 Nicosia, Cyprus Tel: (392) 227 9213

OTHER COUNTRIES

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

Spazedge Building, Ground Floor, Tower A, Sector-47, Gurgaon- Sohna Road, Gurgaon-122002, 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.

8F, Dongsung Bldg. 21, Teheran-ro 87-gil, Gangnam-gu, Seoul, 135-880, Korea Tel: +82-2-3467-3300 MALAYSIA

Yamaha Music (Malaysia) Sdn. Bhd.

No.8, Jalan Perbandaran, Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia Tel: +60-3-78030900

SINGAPORE

Yamaha Music (Asia) Private Limited Block 202 Hougang Street 21, #02-00, Singapore 530202, Singapore Tel: +65-6740-9200

TAIWAN

Yamaha Music & Electronics Taiwan Co., Ltd.

2F., No.1, Yuandong Rd. Banqiao Dist. New Taipei City 22063, Taiwan Tel: +886-2-7741-8888

THAILAND

Siam Music Yamaha Co., Ltd.

3, 4, 15, 16th Fl., Siam Motors Building, 891/1 Rama 1 Road, Wangmai, Pathumwan, Bangkok 10330, Thailand Tel: +66-2215-2622

VIETNAM

Yamaha Music Vietnam Company Limited 15th Floor, Nam A Bank Tower, 201-203 Cach Mang Thang Tam St., Ward 4, Dist.3, Ho Chi Minh City, Vietnam Tel: +84-8-3818-1122

OTHER ASIAN COUNTRIES

http://asia.yamaha.com

OCEANIA

AUSTRALIA

Yamaha Music Australia Pty. Ltd. Level 1, 99 Queensbridge Street, Southbank, Vic. 3006, Australia Tel: +61-3-9693-5111

NEW ZEALAND Music Works LTD

P.O.BOX 6246 Wellesley, Auckland 4680, New Zealand Tel: +64-9-634-0099

COUNTRIES AND TRUST TERRITORIES IN PACIFIC OCEAN

http://asia.vamaha.com

HEAD OFFICE: Yamaha Corporation 10-1, Nakazawa-cho, Naka-ku, Hamamatsu, Japan 430-8650



Yamaha Global Site http://www.yamaha.com/

Yamaha Downloads http://download.yamaha.com/ Manual Development Department © 2016 Yamaha Corporation

Published 03/2016 MWZC*.*-**C0 Printed in Indonesia

ZS66930