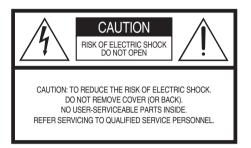
EXAMPLE

P-35

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.



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.



Purchase Date ____

92-469-① (bottom)

Thank you for purchasing this Yamaha Digital Piano!

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.

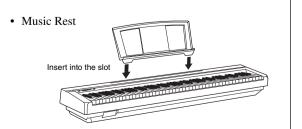
Contents

Accessories 3 About the Manuals 4 PRECAUTIONS 4
Introduction
Panel Controls and Terminals 6
Setting Up 7
Turning the Power On/Off
Using Headphones
Reference
Selecting & Playing Voices 8
Selecting a Voice
Listening to the Songs 12
Listening to the Demo Songs

Using the Metronome	13
Selecting a Beat	13
Adjusting the Tempo	13
Adjusting the Volume of the Metronome	13
Auto Power Off Function	14
About MIDI	14
Connecting to the MIDI [IN] [OUT] terminals	14
MIDI Capabilities	15
MIDI Settings	15
Appendix	
Troubleshooting	16
Specifications	16
Quick Operation Guide	17

Accessories

- · Owner's Manual
- AC Power Adaptor*
- Online Member Product Registration**
- Footswitch
- * May not be included depending on your particular area. Please check with your Yamaha dealer.
- ** The PRODUCT ID on the sheet will be needed when you fill out the User Registration form.



About the Manuals

In addition to this Owner's Manual, the following Online materials (PDF files) are available.



MIDI Reference

Contains MIDI-related information, such as the MIDI Implementation Chart.



MIDI Basics (only in English, French, German and Spanish)

Contains basic explanations about what MIDI is and can do.

To obtain the documents above, access the Yamaha Manual Library, enter your model name in the Model Name area, then click [SEARCH].

Yamaha Manual Library

http://www.yamaha.co.jp/manual/

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/AC power 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 16) 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, 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 power adaptor

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

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- 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 the stand or rack, 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 instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the 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.

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 [o] (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.

Notice

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

■ Handling and Maintenance

- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration, 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.
- When cleaning the instrument, use a soft, dry/dry or slightly damp cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Information

■ About copyrights

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

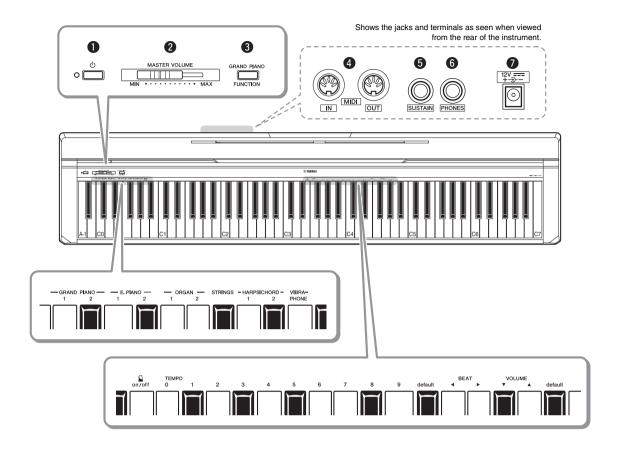
■ About functions/data bundled with the instrument

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

■ About this manual

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

Panel Controls and Terminals

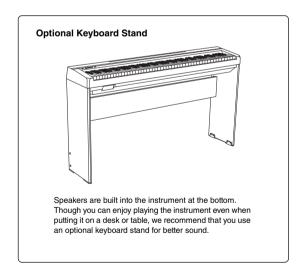


- [७] (Standby/On) switch page 7
 For turning the power on or setting to standby.
- **②** [MASTER VOLUME] slider...... page 7 For adjusting the volume of the entire sound.
- **3** [GRAND PIANO/FUNCTION] button..... page 8 For instantly calling up the Grand Piano 1 Voice.

FUNCTION

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

- MIDI [IN] [OUT] terminalspage 14 For connecting another MIDI instrument or a computer.
- **6** [PHONES] jack page 7 For connecting a set of standard stereo headphones.
- **DC IN jack page 7** For connecting the power adaptor.



Setting Up

Turning the Power On/Off

1 Connect the AC power adaptor to the DC IN jack.

MARNING

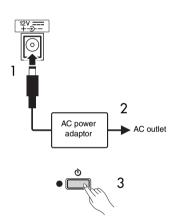
- Use only the specified adaptor (page 16). Using the wrong adaptor can result in damage to the instrument or overheating.
- 2 Plug the AC power adaptor into an AC outlet.
- 3 Press the [(1)] (Standby/On) switch to turn on the power.

The power lamp located to the left of the [(1)] (Standby/On) switch lights up. To turn off the power, press this switch again.

⚠ CAUTION

• 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

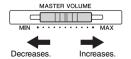


IMPORTANT

. Note that the power is automatically turned off if this instrument is not operated for 30 minutes. For details, see page 14.

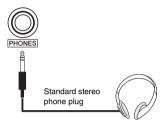
Setting the Volume

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



Using Headphones

Any pair of stereo headphones with a 1/4" stereo phone plug can be plugged in here for convenient monitoring. The speakers are automatically shut off when a plug is inserted into this jack.



♠ CAUTION

. To protect your hearing, avoid listening with the headphones at a high volume level for long periods of time.

Using a Footswitch

The [SUSTAIN] jack is for connecting the included footswitch, which works in the same way as a damper pedal on an acoustic piano. Also an optional FC3 foot pedal or FC4/FC5 footswitch can be connected to this jack. The FC3 lets you use the Half Pedal function.



Half Pedal function

If you are playing the piano with sustain and want a clearer, less muddled sound (especially in the bass register), let up on your foot from the pedal to half position or higher.

NOTE

- Do not press the footswitch when turning the power on. Doing this changes the recognized polarity of the footswitch, resulting in reversed footswitch
- . Make sure that power is OFF when connecting or disconnecting the footswitch or pedal.

Selecting & Playing Voices

Selecting a Voice

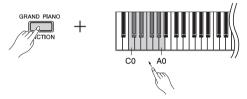
To select the Grand Piano Voice:

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	Clear piano with bright reverb. Good for popular music.
D0	E. PIANO 1	An electronic piano sound created by FM synthesis. Good for standard popular music.
D#0	E. PIANO 2	Vintage electric piano sound of hammer- struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
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

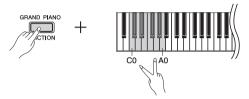
- To familiarize yourself with the characteristics of the Voices, listen to the Demo Songs for each Voice (page 12).
- You can shift the Octave as described in the next column (see "Voice 1").

Layering Two Voices (Dual)

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

1 Engage Dual.

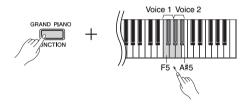
While holding down [GRAND PIANO/FUNC-TION], simultaneously press two keys from C0 – A0.



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

To shift the Octave for each Voice:

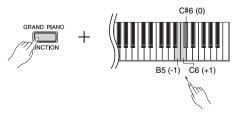
While holding down [GRAND PIANO/FUNC-TION], press one of the F5 – A#5 keys.



	F5	-1		G#5	-1
Voice 1	F#5	0	Voice 2	A5	0
	G5	+1		A#5	+1

To adjust the Balance between two Voices:

While holding down [GRAND PIANO/FUNC-TION], press the B5 key to decrease by one, C6 to increase by one, or C#6 to set to 0 (equal balance). The setting range is from -6 to +6. Settings above "0" increase the volume of Voice1, and vice versa.



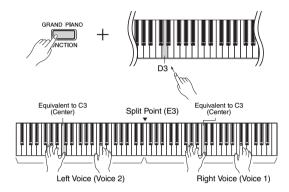
2 To exit from Dual, simply press [GRAND PIANO/FUNCTION].

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.

While holding down [GRAND PIANO/ FUNCTION], press the D3 key to engage Duo.

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



NOTE I

- The Split Point cannot be changed from E3.
- If the keyboard is in Dual, engaging Duo will exit from Dual. The Voice 1 is used as the Voice of the entire keyboard.
- Changing the Voice will exit from Duo.
- 2 One person should play the left section of the keyboard while the other plays the right.

To shift the Octave for each Voice:

Same as in Dual (page 8).

Pedal function in Duo

The Footswitch connected to the [SUSTAIN] jack affects both Right and Left sections.

3 To exit from Duo, press the D3 key while holding [GRAND PIANO/FUNCTION] again.

Adding Variations to the Sound — Reverb

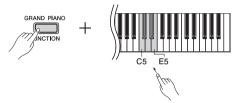
This instrument features several Reverb Types that add extra depth and expression to the sound to create a realistic acoustic ambience. Although the appropriate Reverb Type is called up automatically when you select each of the Voices, you can change the Reverb Type.

NOTE I

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

To select a Reverb Type:

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

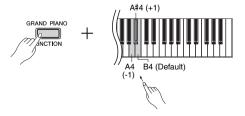


Reverb Type List

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.

To adjust Reverb Depth:

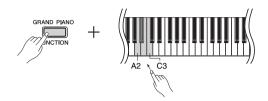
While holding down [GRAND PIANO/FUNCTION], press the A4 key to decrease by one, A#4 to increase by one, or B4 to reset to the default value (most suitable value for the current Voice). The higher the value, the deeper the effect. The setting range is from 0 (no effect) -10 (maximum depth).



Setting the Touch Sensitivity

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

While holding down [GRAND PIANO/FUNCTION], press one of the A2 – C3 keys.



Key	Touch Sensitivity	Description
A2	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.
A#2	Soft	The volume level does not change much when you play the keyboard soft or hard.
B2	Medium	This is the standard piano touch response (default setting).
C3	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 I

 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.

To transpose the pitch down:

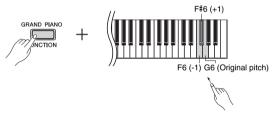
While holding down [GRAND PIANO/FUNCTION], press the F6 key to decrease by 1 semitone.

To transpose the pitch up:

While holding down [GRAND PIANO/FUNCTION], press the F#6 key to increase by 1 semitone.

To restore the original pitch:

While holding down [GRAND PIANO/FUNCTION], press the G6 key.



NOTE |

Setting range: -6 − 0 − +6

Fine-Tuning the Pitch

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

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:

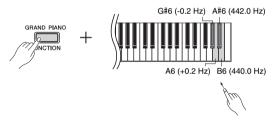
While holding down [GRAND PIANO/FUNCTION], press the A6 key repeatedly to raise the pitch in approximately 0.2 Hz increments.

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.



NOTE |

The setting range is from 427.0 Hz to 453.0 Hz.

Listening to the Songs

Listening to the Demo Songs

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

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 I

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.

To adjust the playback tempo:

The operation is same as that of the Metronome Tempo (page 13).

Demo Song List

	_		
Key	Voice Name	Title	Composer
C1	GRAND PIANO 1	Original	Original
C#1	GRAND PIANO 2	Original	Original
D1	E. PIANO 1	Original	Original
D#1	E. PIANO 2	Original	Original
E1	PIPE ORGAN 1	Original	Original
F1	PIPE ORGAN 2	Original	Original
F#1	STRINGS	Original	Original
G1	HARPSICHORD 1	Gavotte	J.S. Bach
G#1	HARPSICHORD 2	Invention No. 1	J.S. Bach
A1	VIBRAPHONE	Original	Original

The demonstration pieces listed above are short rearranged excerpts of the original compositions. All other songs are original (© 2012 Yamaha Corporation).

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

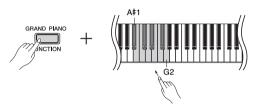


Listening to the Preset Songs

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

While holding down [GRAND PIANO/ FUNCTION], press one of the A#1 – G2 keys to start playback.

Each of the Preset Songs is assigned to each of these keys. For details on assignment, see below.



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

Preset Song List

Key	No.	Title	Composer
A#1	1	Menuett G dur BWV.Anh.114	J.S. Bach
B1	2	Piano Sonate No.15 K.545 1st mov.	W.A. Mozart
C2	3	Für Elise	L.v. Beethoven
C#2	4	Valse op.64-1 "Petit chien"	F.F. Chopin
D2	5	Träumerei	R. Schumann
D#2	6	Dolly's Dreaming and Awakening	T. Oesten
E2	7	Arabesque	J.F. Burgmüller
F2	8	Humoresque	A. Dvořák
F#2	9	The Entertainer	S. Joplin
G2	10	La Fille aux Cheveux de Lin	C.A. Debussy

To adjust the playback tempo:

The operation is same as that of Metronome Tempo (page 13).

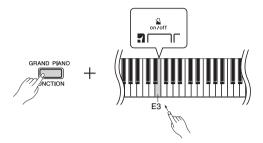
2 Press [GRAND PIANO/FUNCTION] again to stop playback.



Using the Metronome

The metronome is convenient for practicing with an accurate tempo.

While holding down [GRAND PIANO/ FUNCTION], press the E3 key to start the Metronome.



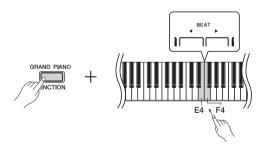
2 Execute the same operation again to stop the Metronome.

NOTE I

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

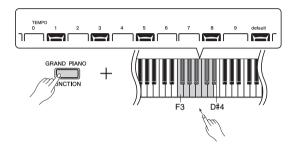
Selecting a Beat

While holding down [GRAND PIANO/FUNCTION], press the E4 key to decrease the value, or the F4 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 F3 – D4 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 F3 (0), D4 (9) and A#3 (5) keys in order while holding down [GRAND PIANO/FUNCTION].



To restore the default value:

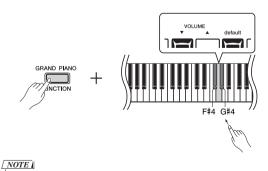
While holding down [GRAND PIANO/FUNCTION], press the D#4 key.

NOTE

- . The default tempo value of the Metronome is 120.
- The setting range is 32 280.

Adjusting the Volume of the Metronome

While holding down [GRAND PIANO/FUNCTION], press the F#4 key to decrease the volume of the Metronome, the G4 key to increase the volume, or the G#4 to restore the default volume (10).



 \bullet The setting range is from 1 – 20.

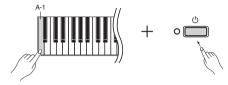
Auto Power Off Function

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 Auto Power Off:

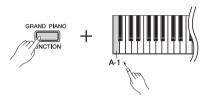
When the instrument is turned off:

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



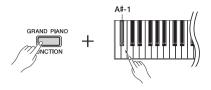
When the instrument is turned on:

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



To enable Auto Power Off:

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



About MIDI

The instrument features MIDI IN/OUT terminals, allowing you to connect the instrument to other instruments and devices—including computers—and take advantage of the various performance and recording capabilities in MIDI applications.

Connecting to the MIDI [IN] [OUT] terminals

MIDI [IN] [OUT] terminals

Use MIDI cables to connect external MIDI devices to these connectors.



About MIDI

MIDI (Musical Instrument Digital Interface) is a standard format for data transmission/reception. It enables the transmission of performance data and commands between MIDI devices and personal computers. Using MIDI, you can control a connected MIDI device from

the instrument, or control the instrument from a connected MIDI device or computer.

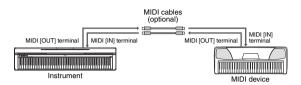
NOTE |

 Since MIDI data that can be transmitted or received varies depending on the type of MIDI device, check the chapter "MIDI data format" in "MIDI Reference" (page 4) to find out what MIDI data and commands your devices can transmit or receive.

MIDI Capabilities

MIDI functions enable you to transmit performance data between MIDI devices

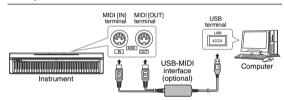
Transmitting performance data to and from another MIDI device



NOTE |

- You cannot transmit the voice demo songs and the piano preset songs from the instrument to another MIDI device.
- For MIDI connections, use a standard MIDI cable (optional), available at most musical instrument stores.

Transmitting performance data to and from a computer



You can connect the MIDI terminals of this instrument to the USB terminal on the computer via an optional USB-MIDI interface device (such as the Yamaha UX16). To do this, you need to install the USB-MIDI driver to the computer. For more information, refer to the manual that came with the USB-MIDI interface device.

NOTICE

When connecting the instrument to a computer, first turn
off the power to the instrument, and then exit any open
applications on the computer before connecting any
cables. After making all connections, turn on the power to
the instrument.

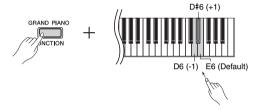
NOTE I

- When the instrument is used as a tone module, performance data with Voices that are not found on the instrument will not be played correctly.
- You must install an appropriate software application on the computer to be able to transmit performance data between the instrument and a computer.

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 D#6 key increases the value by 1, and the E6 key restores the default value (channel 1).



NOTE |

- The setting range is from 1 − 16.
- . The default value is 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).

NOTE I

 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

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 jack on the instrument, and the male plug into a proper AC outlet (page 7).
The instrument is automatically turned off even if no operation is done.	This is normal. This occurs due to the Auto Power Off function (page 14).
Noise is heard from the speakers or head- phones.	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.
The overall volume is low, or no sound is heard.	The Master Volume is set too low; set it to an appropriate level using the [MASTER VOLUME] slider (page 7).
	Make sure a pair of headphones is not connected to the headphones jack (page 7).
The pedal has no effect.	The pedal cable/plug may not be properly connected. Make sure to securely insert the pedal plug into the [SUSTAIN] jack (page 7).
The footswitch (for sustain) seems to produce the opposite effect. For example, pressing the footswitch cuts off the sound and releasing it sustains the sounds.	The polarity of the footswitch is reversed because the footswitch was pressed when the power was turned on. Turn off the power and turn it on again to reset the function. Make sure to not press the footswitch when turning the power on.

Specifications

Dimensions (W x D X H)

• 1,326 x 295 x 154 mm (52-3/16" x 11-5/8" x 6-1/16")

Weight

• 11.5 kg (25 lbs. 6 oz.)

Keyboards

- 88 keys (A-1 C7)
- Graded Hammer Standard (GHS) keyboard
- Touch Sensitivity (Hard, Medium, Soft, Fixed)

Voice

- 10 Preset Voices
- Polyphony: 32

Effects/Functions

- · 4 Reverb types
- Dual: Yes
- Duo: Yes

Song Playback

• 10 Demo Songs + 10 Preset Songs

Overall Functions

- Transpose
- Fine Tuning: 427.0 Hz 453.0 Hz
- Metronome
- Tempo (32 280)

Connectivity

• DC IN (12V), PHONES, SUSTAIN, MIDI IN/OUT

Amplifiers

• 6 W + 6 W

Speakers

• 12 cm x 2

Power Supply

 AC Power Adaptor PA-150 or an equivalent recommended by Yamaha

Power Consumption

• 6 W (When using PA-150 power adaptor)

Included Accessories

- Owner's Manual, Music Rest, AC Power Adaptor PA-150 or an equivalent recommended by Yamaha*, Online Member Product Registration**, Footswitch
- * May not be included depending on your particular area. Please check with your Yamaha dealer.
- ** The PRODUCT ID on the sheet will be needed when you fill out the User Registration form.

Options

- Keyboard Stand L-85/L-85S/L-85WH, Foot Pedal FC3, Foot-switch FC4/FC5, Headphones (HPE-150/HPE-30), USB-MIDI interface (UX16), AC Power Adaptor (Users within U.S or Europe: PA-150 or an equivalent recommended by Yamaha, Others: PA-5D, PA-150 or an equivalent)
- * Specifications and descriptions in this owner's manual are for information purposes only. Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your Yamaha dealer.

Quick Operation Guide

Auto Power Off Disable Auto Power Off Enable C#0 D#0 **C0** D0 E0 **GRAND PIANO 1** GRAND PIANO GRAND PIANO 2 FUNCTION E. PIANO 1 E. PIANO 2 PIPE ORGAN 1 Voice J **PIPE ORGAN 2** STRINGS 9 HARPSICHORD 1 HARPSICHORD 2 A VIBRAPHONE A#0 B0 ۵_۵ **GRAND PIANO 1** GRAND PIANO 2 D1 PH Voice Demo E. PIANO 1 E. PIANO 2 Щ PIPE ORGAN 1 Ξ₄ PIPE ORGAN 2 STRINGS 91 94 HARPSICHORD 1 HARPSICHORD 2 VIBRAPHONE ≥ Song 1 四四 Song 2 **Ω** C#2 Preset Song Song 3 Song 4 D2 E2 Song 5 Song 6 Song 7 72 Song 8 Song 9 G2 Song 10 G#2 A2 A#2 Sensitivity Fixed Soft Touch 82 Medium **3**0 Hard D3 E3 Duo ON/OFF METRONOME ON/OFF F3 F#3 (G3 Number key 0 Number key 1 Number key 2 Number key 3 A#3 A3 Number key 4 Tempo Number key 5 В Number key 6 2 Number key 7 Number key 8 Q 4 1 D#4 E4 Number key 9 Default Tempo Decrease Beat by one step Metronome F₄ Increase Beat by one step Decrease Volume by one step G4 Increase Volume by one step Default Volume 4 A#4 1 B4 Α Decrease Depth by one step Reverb Depth Increase Depth by one step **Default Depth C5** [Room Hall 1 Type Reverb #5 D#5 D5 E5 Hall 2 Stage 0FF Balance between Voice 1 and Voice 2 3 -1 (Voice 1) Octave Setting F#5 G#5 0 (Voice 1) +1 (Voice 1) -1 (Voice 2) A5 B5 0 (Voice 2) +1 (Voice 2) Decrease Volume by one step C#6 D Increase Volume by one step O (equal balance) 5 D#6 Decrease by one step MIDI Transmit Channel Increase by one step Default Б Decrease by one step Transpose Increase by one step G6#6 0 (Default) Tuning Decrease by approx. 0.2 Hz A6 Increase by approx. 0.2 Hz A3 = 442.0 Hz B6 A3 = 440.0 HzS

(Refer to diagram below.) While holding down the [GRAND PIANO/FUNCTION] button, press the highlighted keys shown below to select preset songs, etc. or set parameters

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.

(class B)

Information for Users on Collection and Disposal of Old Equipment



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

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

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

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

[For business users in the European Union]

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

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

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

(weee_eu)

OBSERVERA!

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

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

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

(standby

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 their

provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.	k
Model No.	_
Serial No.	_

(bottom_en_01)

^{*} This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

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

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

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

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

Deutsch

English

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

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

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

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

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

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

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

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

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

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

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

Svenska

Norsk

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

Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits

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

Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz

De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØO* (og Schweiz) ved at besøge def 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

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

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

Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii

Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EOG* i Szwajcani, należy odwiedzie wskazana poniżają stronę internetowej Plit gotowy do wydruku zajeblyciej na naszej stronie internetowej) lub skonataktować się z przedstawicielstwem firmy Yamaha w swoim kraju. *EOG — Europejski Obszar Gospodarczy

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

Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na níže uvedené webové adrese (soubor k tisku je dostupný na naších 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

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

Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele

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

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

Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje

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

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

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

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

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

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

За подробна информация за гаранцията за този продукт на Yamaha и гаранционного обслужване в паневропейската зона на ЕМТ и Шейцарка или посетеге посочения по-долу уеб свят (на нашия уеб свят има файла за печат), или се свържете с представителния офис на Yamaha във вашата страна. ЕИП: Европейско имономическо пространство

Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția

Limba română

Pentru informații detaliate privind acest produs Yamaha și serviciul de garanție Pan-SEE* și Elveția, vizitați site-ul la adresa de mai jos (fisierul imprimabil este disponibil pe site-ul nostru) sau contactați biroul reprezentanței Yamaha din ţara dumneavoastră * SEE: Spaţiul Economic European

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

NORTH AMERICA

CANADA

Yamaha Canada Music Ltd.

135 Milner Avenue, Scarborough, Ontario, M1S 3R1, Canada Tel: 416-298-1311

IIS A

Yamaha Corporation of America

6600 Orangethorpe Ave., Buena Park, Calif. 90620, U.S.A

Tel: 714-522-9011

CENTRAL & SOUTH AMERICA

MEXICO

Yamaha de México S.A. de C.V.

Calz. Javier Rojo Gómez #1149, Col. Guadalupe del Moral C.P. 09300, México, D.F., México Tel: 55-5804-0600

BRAZII.

Yamaha Musical do Brasil Ltda. Rua Joaquim Floriano, 913 - 4' andar, Itaim Bibi, CEP 04534-013 Sao Paulo, SP. BRAZIL Tel: 011-3704-1377

ARGENTINA

Yamaha Music Latin America, S.A.

Sucursal de Argentina Olga Cossettini 1553, Piso 4 Norte Madero Este-C1107CEK

Buenos Aires, Argentina Tel: 011-4119-7000

PANAMA AND OTHER LATIN AMERICAN COUNTRIES/ CARIBBEAN COUNTRIES

Yamaha Music Latin America, S.A. Torre Banco General, Piso 7, Urbanización Marbella,

Calle 47 y Aquilino de la Guardia, Ciudad de Panamá, Panamá Tel: +507-269-5311

EUROPE

THE UNITED KINGDOM/IRELAND

Yamaha Music Europe GmbH (UK)

Sherbourne Drive, Tilbrook, Milton Keynes, MK7 8BL, England Tel: 01908-366700

GERMANY

Yamaha Music Europe GmbH Siemensstraße 22-34, 25462 Rellingen, Germany Tel: 04101-3030

SWITZERLAND/LIECHTENSTEIN

Yamaha Music Europe GmbH Branch Switzerland in Zürich

Seefeldstrasse 94, 8008 Zürich, Switzerland Tel: 044-387-8080

Yamaha Music Europe GmbH Branch Austria Schleiergasse 20, A-1100 Wien, Austria Tel: 01-60203900

ZECH REPUBLIC/HUNGARY/

ROMANIA/SLOVAKIA/SLOVENIA Yamaha Music Europe GmbH

Branch Austria (Central Eastern Europe Office) Schleiergasse 20, A-1100 Wien, Austria Tel: 01-602039025

POLAND/LITHUANIA/LATVIA/ESTONIA

Yamaha Music Europe GmbH Branch Poland Office

ul. Wrotkowa 14 02-553 Warsaw, Poland Tel: 022-500-2925

BULGARIA

Dinacord Bulgaria LTD.

Bul.Iskarsko Schose 7 Targowski Zentar Ewropa 1528 Sofia, Bulgaria Tel: 02-978-20-25

MALTA

Olimpus Music Ltd.

The Emporium, Level 3, St. Louis Street Msida MSD06

Tel: 02133-2144

DMI4

Yamaha Global Site

http://www.yamaha.com/

Yamaha Manual Library

http://www.yamaha.co.jp/manual/

THE NETHERLANDS/ BELGIUM/LUXEMBOURG

Yamaha Music Europe Branch Benelux Clarissenhof 5-b, 4133 AB Vianen, The Netherlands Tel: 0347-358 040

FRANCE

Yamaha Music Europe

7 rue Ambroise Croizat, Zone d'activités Pariest, 77183 Croissy-Beaubourg, France Tel: 01-64-61-4000

Yamaha Music Europe GmbH, Branch Italy Viale Italia 88, 20020 Lainate (Milano), Italy Tel: 02-935-771

SPAIN/PORTUGAL

Yamaha Music Europe GmbH Ibérica, Sucursal en España

Ctra. de la Coruna km. 17, 200, 28230 Las Rozas (Madrid), Spain Tel: 91-639-8888

GREECE

Philippos Nakas S.A. The Music House

147 Skiathou Street, 112-55 Athens, Greece Tel: 01-228 2160

SWEDEN

Yamaha Music Europe GmbH Germany filial

Scandinavia J. A. Wettergrens Gata 1, Box 30053 S-400 43 Göteborg, Sweden Tel: 031 89 34 00

DENMARK

Yamaha Music Europe GmbH, Tyskland - filial

Generatorvej 6A, DK-2730 Herlev, Denmark Tel: 44 92 49 00

FINLAND

F-Musiikki Oy Kluuvikatu 6, P.O. Box 260, SF-00101 Helsinki, Finland Tel: 09 618511

NORWAY

Yamaha Music Europe GmbH Germany -

Norwegian Branch

Grini Næringspark 1, N-1345 Østerås, Norway Tel: 67 16 77 70

ICELAND

Skifan HF Skeifan 17 P.O. Box 8120, IS-128 Reykjavik, Iceland Tel: 525 5000

RUSSIA

Yamaha Music (Russia)

Room 37, bld. 7, Kievskaya street, Moscow, 121059, Russia Tel: 495 626 5005

OTHER EUROPEAN COUNTRIES

Yamaha Music Europe GmbH Siemensstraße 22-34, 25462 Rellingen, Germany Tel: +49-4101-3030

AFRICA

Yamaha Corporation

Asia-Pacific Sales & Marketing Group Nakazawa-cho 10-1, Naka-ku, Hamamatsu, Japan 430-8650

Tel: +81-53-460-2313

MIDDLE EAST

TURKEY/CYPRUS

Yamaha Music Europe GmbH Siemensstraße 22-34, 25462 Rellingen, Germany Tel: 04101-3030

OTHER COUNTRIES

Yamaha Music Gulf FZE

LOB 16-513, P.O.Box 17328, Jubel Ali, Dubai. United Arab Emirates Tel: +971-4-881-5868

ASIA

THE PEOPLE'S REPUBLIC OF CHINA

Yamaha Music & Electronics (China) Co.,Ltd. 2F, Yunhedasha, 1818 Xinzha-lu, Jingan-qu, Shanghai, China

Tel: 021-6247-2211

HONG KONG

Tom Lee Music Co., Ltd.

11/F., Silvercord Tower 1, 30 Canton Road. Tsimshatsui, Kowloon, Hong Kong Tel: 2737-7688

INDIA

Yamaha Music India Pvt. Ltd.

Spazedge building, Ground Floor, Tower A, Sector 47, Gurgaon- Sohna Road, Gurgaon, Haryana, India Tel: 0124-485-3300

INDONESIA

PT. Yamaha Musik Indonesia (Distributor)

PT. Nusantik

Gedung Yamaha Music Center, Jalan Jend. Gatot Subroto Kav. 4, Jakarta 12930, Indonesia Tel: 021-520-2577

KOREA

Yamaha Music Korea Ltd.

8F, 9F, Dongsung Bldg. 158-9 Samsung-Dong, Kangnam-Gu, Seoul, Korea Tel: 02-3467-3300

MALAYSIA

Yamaha Music (Malaysia) Sdn., Bhd.

Lot 8, Jalan Perbandaran, 47301 Kelana Jaya, Petaling Jaya, Selangor, Malaysia Tel: 03-78030900

PHILIPPINES

Yupangco Music Corporation

339 Gil J. Puyat Avenue, P.O. Box 885 MCPO, Makati, Metro Manila, Philippines Tel: 819-7551

SINGAPORE

Yamaha Music (Asia) PRIVATE LIMITED

Blk 202 Hougang Street 21, #02-00, Singapore 530202, Singapore Tel: 6747-4374

TAIWAN

Yamaha KHS Music Co., Ltd. 3F, #6, Sec.2, Nan Jing E. Rd. Taipei. Taiwan 104, R.O.C Tel: 02-2511-8688

THAILAND

Siam Music Yamaha Co., Ltd.

Stain Music Talmana Co., Ltd. 4, 6, 15 and 16th floor, Siam Motors Building, 891/1 Rama 1 Road, Wangmai, Pathumwan, Bangkok 10330, Thailand Tel: 02-215-2622

OTHER ASIAN COUNTRIES

Yamaha Corporation, Asia-Pacific Sales & Marketing Group Nakazawa-cho 10-1, Naka-ku, Hamamatsu, Japan 430-8650 Tel: +81-53-460-2313

OCEANIA

AUSTRALIA

Yamaha Music Australia Pty. Ltd. Level 1, 99 Queensbridge Street, Southbank, Victoria 3006, Australia

Tel: 3-9693-5111 **NEW ZEALAND**

Music Works LTD

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

COUNTRIES AND TRUST TERRITORIES IN PACIFIC OCEAN

Yamaha Corporation,

Asia-Pacific Sales & Marketing Group Nakazawa-cho 10-1, Naka-ku, Hamamatsu, Japan 430-8650

Tel: +81-53-460-2313

U.R.G., Digital Musical Instruments Division © 2012 Yamaha Corporation

> 205POTY*.*-01A0 Printed in China

> > ZA84910