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You can read the recommendations in the user guide, the technical guide or the installation guide for YAMAHA EZ-220. You'll find the answers to all your questions on the YAMAHA EZ-220 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual YAMAHA EZ-220  
User guide YAMAHA EZ-220  
Operating instructions YAMAHA EZ-220  
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**Manual abstract:**

*The use of an extension cord is not recommended! If you must use an extension cord, the minimum wire size for a 25' cord (or less ) is 18 AWG. NOTE: The smaller the AWG number, the larger the current handling capacity. For longer extension cords, consult a local electrician. This product should be used only with the components supplied or; a cart, rack, or stand that is recommended by Yamaha. @@@@This product may also use "household" type batteries. Some of these may be rechargeable. Make sure that the battery being charged is a rechargeable type and that the charger is intended for the battery being charged. When installing batteries, never mix old batteries with new ones, and never mix different types of batteries. Batteries MUST be installed correctly. Mismatches or incorrect installation may result in overheating and battery case rupture.*

*Warning: Do not attempt to disassemble, or incinerate any battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by the laws in your area. Note: Check with any retailer of household type batteries in your area for battery disposal information. Disposal Notice: Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc.*

*If your dealer is unable to assist you, please contact Yamaha directly. SPECIFICATIONS SUBJECT TO CHANGE: The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units. This product, either alone or in combination with an amplifier and headphones or speaker/s, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for long periods of time at a high volume level or at a level that is uncomfortable.*

*If you experience any hearing loss or ringing in the ears, you should consult an audiologist. IMPORTANT: The louder the sound, the shorter the time period before damage occurs. Some Yamaha products may have benches and / or accessory mounting fixtures that are either supplied with the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that benches are stable and any optional fixtures (where applicable) are well secured BEFORE using. Benches supplied by Yamaha are designed for seating only. No other uses are recommended. NAME PLATE LOCATION: The name plate is located on the bottom of the product. The model number, serial number, power requirements, etc., are located on this plate.*

*You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase. Model NOTICE: Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service. Serial No. 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: Purchase Date 92-BP (bottom) PLEASE KEEP THIS MANUAL 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 \* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA. 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) 2 OBSERVERA! Apparaten kopplas inte ur växelströmskällan (nätet) så länge som den är ansluten till vägguttaget, även om själva apparaten har stängts av.*

*ADVARSEL: Netspændingen til dette apparat er IKKE afbrudt, så længe netledningen sidder i en stikkontakt, som er tændt -- også selvom der er slukket på apparatets afbryder. VAROITUS: Laitteen toisiopiiriin kytketty käyttökäytin ei irroita koko laitetta verkosta. (standby) The name plate of this product may be found on the bottom of the unit. The serial number of this product may be found on or near the name plate. 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) COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE) Responsible Party : Yamaha Corporation of America Address : 6600 Orangethorpe Ave.*



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, Buena Park, Calif. 90620 Telephone : 714-522-9011 Type of Equipment : Digital Keyboard Model Name : EZ-220 This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received including interference that may cause undesired operation. See user manual instructions if interference to radio reception is suspected. \* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA. (FCC DoC) Information for Users on Collection and Disposal of Old Equipment and used Batteries These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries 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 and batteries, 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] These symbols are 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.

Note for the battery symbol (bottom two symbol examples): This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved. (weee\_battery\_eu\_en) 3 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 54) 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. Battery · Follow the precautions below. Failure to do so might result in explosion, fire, overheating or battery fluid leakage. - Do not tamper with or disassemble batteries. - Do not dispose of batteries in fire. - Do not attempt to recharge batteries that are not designed to be charged. - Keep the batteries separate from metallic objects such as necklaces, hairpins, coins, and keys. - Use the specified battery type (page 54) only. - Use new batteries, all of which are the same type, same model, and made by the same manufacturer. - Always make sure all batteries are inserted in conformity with the +/- polarity markings.

- When the batteries run out, or if the instrument is not to be used for a long time, remove the batteries from the instrument. - When using Ni-MH batteries, follow the instructions that came with the batteries. Use only the specified charger device when charging. · Keep batteries away from small children who might accidentally swallow them. · If the batteries do leak, avoid contact with the leaked fluid.

If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns. 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 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 [ ] (Standby/On) switch is in standby status (display 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. Make sure to discard used batteries according to local regulations. NOTICE To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to othe Song List the Songs 20 Song Playback Settings 20 Song Fast Forward, Fast Reverse, and Pause 20 Adjusting the Tempo 22 23 24 26 30 Controlling the Pitch 30 Transposing the Pitch in Semitones 30 Fine Tuning the Pitch 31 32 Changing the Touch Sensitivity Using the Metronome Playing with a Style Using the Style Sections Playing Chords for Style Playback Song Volume Guide Function Using the Lesson feature Changing the Voice for the Keyboard of Effects 34 36 37 28 Playing With a Variety 28 Adding Reverb 29 Adding Panel Sustain 39 Style Playback Settings 39 Adjusting the Style Volume 39 Setting the Split Point 40 Connecting to a Computer 42 Page Turner of the Score on the iPad 44 Troubleshooting 45 Voice List 45 Maximum Polyphony 49 Drum Kit List 52 Effect Type List 53 Style List 54 Specifications 55 Index EZ-220 Owner's Manual 7 Panel Controls and Terminals Front Panel Style List (page 53) Song List (page 19) Display (page 17) q w e r t y 001 GrandPno 001 !4 !5 @3 !6 !8 !7 !9 q [ ](Standby/On) switch .....

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.....  
.. page 11 Turns the power on or standby. w MASTER VOLUME [+], [-] buttons..  
..... page 12 Adjusts the overall volume. e LESSON PART [L], [R] buttons ... pages 22, 25 Selects a Lesson Part or a Part for muting in the current Song.

r [LISTEN & LEARN] button.....

.....  
....page 24 Starts the Song with the Lesson 1 mode.  
t [TIMING] button .....

.....  
.....  
.....page 24 Starts the Song with the Lesson 2 mode. y [WAITING] button ...

.....  
.....  
pages 24, 38( ) Starts the Song with the Lesson 3 mode. u [FUNCTION] button ....

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.....  
page 15 Pressing this repeatedly calls up various parameters in sequence. i [SONG] button ...

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.....  
pages 18, 22 ( ) Enters the Song mode, allowing you to select a Song. o [STYLE] button ...

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.... pages 34, 39 ( ) Enters the Style mode, allowing you to select a Style. !0 [VOICE] button .....

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.....

.....pages 18( ), 26 Calls up the Voice selection display.



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.....  
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.....page 20 Calls up the Tempo display. With this status, use the Number buttons to set the tempo of the Song, Style and metronome. You can set the tempo also by tapping this button several times at the desired tempo. !9 [START/STOP] button .

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.....

..... pages 18, 35 Starts/stops Song or Style playback. @0 [PORTABLE GRAND] button ..

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...page 26 Sets the entire keyboard to the appropriate settings for piano performance. @1 [LIGHT ON/OFF] button .

.....page 23 Turns on/off the Light Guide. When turned on, the keys you press or those specified by Song data light. @2 [PAGE TURNER ON/OFF] button .

.....

..page 42 Turns on/off the Page Turner function. When turned on, the notation score of the Preset Songs are shown on the iPad screen and the page turns automatically according to Song playback. @3 DRUM KIT icons.

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.... page 27 Indicates drum instruments assigned to each key when the Standard Kit 1 is selected. Rear Panel @4 BATTERY TYPE switch.....

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.... page 10 For selecting battery type.  
@5 SUSTAIN jack .....

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..... page 27 For connecting an optional Footswitch.

@6 USB TO HOST terminal .....

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... page 40 For connecting a computer. @7 PHONES/OUTPUT jack.....

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.. page 11 For connecting headphones and external audio equipment. @8 DC IN 12V jack..

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..... page 10 For connecting the power adaptor. EZ-220 Owner's Manual 9 Playing the Keyboard Setting Up Power requirements Although the instrument will run either from an optional AC adaptor or batteries, Yamaha recommends use of an AC adaptor whenever possible. An AC adaptor is more environmentally friendly than batteries and does not deplete resources. Using an AC Power Adaptor 1 Make sure that the power of the instrument is off (display is blank, except for notation staff).

**WARNING** · Use the specified adaptor (page 54) only. Using the wrong adaptor can result in damage to the instrument or overheating. 2 Set the [BATTERY TYPE] switch on the rear panel to "Ni-MH" or "ALKALINE" depending on the battery type you are using. 2 Connect the AC adaptor to the DC IN 12V jack. 3 Plug the AC adaptor into an AC outlet. CAUTION · When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. 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. · Rechargeable Ni-MH batteries · Alkaline batteries · Manganese batteries NOTICE · The rechargeable battery may be damaged or the battery life may be shortened if you set the [BATTERY TYPE] switch to a position different from the actual battery type.

3 Open the battery compartment cover located on the instrument's bottom panel. 2 3 4 Insert the six new batteries, being careful to follow the polarity markings on the side of the compartment. AC power adaptor AC outlet Using Batteries This instrument requires six "AA" size, Alkaline (LR6)/Manganese (R6) batteries, or rechargeable nickel-metal hydride batteries (rechargeable Ni-MH batteries). The Alkaline batteries or rechargeable NiMH batteries are recommended for this instrument, since other types may result in poorer battery performance. WARNING · When using Ni-MH batteries, follow the instructions that came with the batteries.

Use only the specified charger device when charging. 5 Replace the compartment cover, making sure that it locks firmly in place. NOTICE · Never connect or

*disconnect the AC power adaptor when the batteries are installed and the power is on. Doing so will turn the power off, and may cause the settings to be initialized. 1 Make sure that the power of the instrument is off (display is blank, except for notation staff).*

*10 EZ-220 Owner's Manual Setting Up When battery power becomes too low for proper operation, the volume may be reduced, the sound may be distorted, and other problems may occur. When this happens, make sure to replace all batteries with new ones or already-recharged ones. NOTE Disabling Auto Power Off (simple method) Turn the power on while holding down the lowest key on the keyboard. An "oFF AutoOff" indication appears briefly and Auto Power Off is disabled. · This instrument cannot charge the batteries. Use only the specified charger device when charging. NOTE · Power will be automatically drawn from the AC adaptor if an AC adaptor is connected while batteries are installed in the instrument. NOTICE · Depending on the instrument status, the power may not turn off automatically, even after the specified period of time elapses.*



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Always turn off the power manually when the instrument is not in use. · When the instrument is not operated for a specified period of time while connected to an external device such as an amplifier, speaker or computer, make sure to follow the instructions in the Owner's Manual for turning off the power to the instrument and the connected devices, in order to protect the devices from damage.

If you do not want the power to turn off automatically when a device is connected, disable Auto Power Off. Turning the power on/off To turn on the power, press the [ ] (Standby/On) switch. To turn off the instrument, press and hold the [ ] (Standby/On) switch again for more than a second. Connecting headphones and external audio equipment CAUTION · Even when the power switch is turned off (the display is blank), 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, and remove all the batteries from the instrument. Auto Power Off To prevent unnecessary power consumption, this instrument features an Auto Power Off function that automatically turns the power off if the instrument is not operated for approximately 30 minutes. If you do not want to use the Auto Power Off function, disable the function as described below. Please note that the setting will be restored to the default setting of "on" whenever the power is turned on. Disabling or enabling the Auto Power Off Setting 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.

The PHONES/OUTPUT jack also functions as an external output. You can connect the PHONES/OUTPUT jack to a keyboard amplifier, stereo system or other line-level audio device to send the instrument's output signal to that device. CAUTION · 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. · 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. 1 Press the [FUNCTION] button repeatedly until "AutoOff" appears in the display. 2 Set the value "oFF" (disable) or "on" (enable) by pressing the [+] and [-] buttons. Default setting: on NOTICE · When the instrument's sound is output to an external device, first turn on the power to the instrument, then to the external device. Reverse this order when you turn the power off.

EZ-220 Owner's Manual 11 Quick Guide Playing the Keyboard The number designations q @1 match those described in "Panel Controls and Terminals" on page 8. Turn the power on Play the keyboard After the power is turned on, playing the keyboard will produce the Piano sound. Press the [ the power. ] (Standby/On) switch q to turn on Select a Voice Adjust the volume After the power is turned on, the default volume level is shown at the left end in the display. Page 26 Although the grand piano Voice is automatically selected whenever the power is turned on, you can easily change this to guitar, drums, or any of an extensive range of Voices. 001 GrandPno -03 1 Press the [VOICE] !0 button. The more bars shown, the higher the volume level. While checking this bar indication, use the [MASTER VOLUME] buttons w to adjust the entire volume of this instrument. Press the [+] button to increase the volume. Pressing this twice will add one bar.

Press the [-] button to lower the volume. Pressing this twice will delete one bar. 2 Use the number buttons !1 to select a Voice. Example: Selecting Voice 012, Rock Organ. 012 RockOrgn Press number buttons [0], [1], [2]. Tips The default volume value is "12" (6 bars on the display). NOTE Pressing the [PORTABLE GRAND] button @0 will reset the Voice setting to Grand Piano. · The Volume setting is reset to the default value whenever the power is turned off. 12 EZ-220 Owner's Manual Quick Guide Listening to Songs Listen to the Preset Songs Page 18 Select the desired Song from the Preset Songs and listen to it. Play with a Style Page 34 Try playing a Style to recreate the sound of a full band or orchestra.

1 Press the [SONG] button i. 1 Press the [STYLE] button o. 2 3 2 3 Use the number buttons to select a Song. Press the [START/STOP] button !9 to start playback. Use the number buttons to select a Style.

Press the [ACMP ON/OFF] button !4 to turn accompaniment on. 4 Press the [SYNC START] button !8 to turn Sync Start on. 5 To stop playback, press the [START/STOP] button again. Press the [INTRO/ENDING/rit.] button !5.

6 Tips Play a chord in the left area of the keyboard to start playback. Split Point Pressing the [DEMO] button !2 will play all the Preset Songs in numerical order. To stop playback, press the [DEMO] button again. Auto Accompaniment range 7 8 Play a chord with your left hand and play a melody with your right hand. Press the [INTRO/ENDING/rit.] button !5. After playback shifts to the Ending and reaches the end, Style playback will stop automatically. EZ-220 Owner's Manual 13 Quick Guide Practicing and Learning The number designations q @1 match those described in "Panel Controls and Terminals" on page 8. Use the Song Lesson feature Page 24 Let's practice the Preset Song by playing the lighting keyboard. You can independently practice the left-hand part or right-hand part, or practice both parts together.

1 2 3 Press the [SONG] button i then select a Song. Press either or both the LESSON PART buttons e to select a Part you wish to practice. From the three Lessons described below, press the desired Lesson button (r, t, y) to start Lesson playback. Listening There's no need to play the keyboard in this Lesson. Listen to the model melody/ chords carefully and learn it well. Timing In this Lesson, try playing the lighting notes with the correct timing. Waiting In this Lesson, try playing the lighting notes correctly. 4 You can stop the Lesson at any time by pressing the [START/STOP] button !9. Page 23 for details Lighting Keyboard During Lesson playback, the notes you should play will light. This is available when the [LIGHT ON/ OFF] @1 is turned on.

on LIGHT Page Turner for the iPad Page 42 for details By turning on the Page Turner function, you can view the score of the current Song on your iPad screen. The notation page is automatically turned according to the playback progression. Use the Metronome Page 32 1 2 3 14 Press the [METRONOME] button !3 to start the Metronome. Press the [TEMPO/TAP] button !7 , then use the number buttons to adjust the tempo. Press the [METRONOME] button again to stop the Metronome.



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When playback reaches the point you want to specify as the End Point, press the [A-B REPEAT] button again to set Point B. The specified A-B section of the song will now play repeatedly. NOTE · You can also set the A-B Repeat function when the Song is stopped. Simply use the [REW] and [FF] buttons to select the desired measures, pressing the [A-B REPEAT] button for each point, then start playback.

**A-b REPEAT NOTE** To cancel Repeat Playback: Press the [A-B REPEAT] button. "oFF REPEAT" will appear on the display and normal playback of the Song will continue. · Selecting another Song or Style mode will cancel the A-B Repeat points. To specify the beginning of the Song as Point A: Before starting playback, press the [A-B REPEAT] button to set Point A at the beginning of the Song. To specify the end of the Song as Point B: After Point A is specified during playback, let the Song play back normally until the end.

**EZ-220 Owner's Manual 21 Song Volume Adjusting the Song Volume** This procedure lets you adjust the volume balance between Song playback and your keyboard performance. 1 Hold down the [SONG] button for longer than a second. The current Song volume is shown in the display. Current Song volume Hold for longer than a second. 100 SongVol NOTE 2 Use the number buttons to set the Song Volume.

· Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (100). Muting a Part The Song consists of several Parts, from which you can mute the L part or R part on the panel. Left-hand part Right-hand part 001 Scarboro -03 Unlit (part is muted) During Song playback, pressing the [R] button will mute the right-hand part while pressing the [L] button will mute the left-hand part. To cancel the mute status, press the corresponding Part buttons, [R] or [L] again during Song playback, or select a different Song. 22 EZ-220 Owner's Manual Guide Function Two convenient functions--Lighting Keyboard and Fingering Guide--are provided for ease in using the Song Lesson feature. Before starting the Song Lesson (page 24), read this page. Lighting Keyboard This instrument features 61 individual lighting keys, which light when played. When using the Song Lesson function, keys that you should press next will light in succession. Although this Light function is turned on by default, you can turn this function on or off by pressing the [LIGHT ON/OFF] button.

**CAUTION on LIGHT** · Playing while looking at the lights for a long period of time may cause eyestrain or stiffness in your neck and shoulders.

For your health and comfort, we recommend that you take a ten-minute break after every hour of playing. Fingering Guide When the Song is started, the fingering guide appears on the display and shows you which fingers you should use while playing. Fingering display Finger crossover icon Finger number Finger crossover icon Finger number Finger number Examples of crossing under and over 1 2 3 1 2 3 4 5 4 3 2 1 3 2 Crossing under Crossing over Play the F key with your thumb Play the E key with your middle finger \* This function does not apply to the Song 000. EZ-220 Owner's Manual 23 Using the Lesson feature This function lets you use the desired Song for a left-hand, right-hand, or both-hands lesson via three easy steps. You can refer to the music scores in the Song Book. Three types of Lessons Lesson 1--Listen In this Lesson, you need not play the keyboard. The model melody/chords of the part you selected will sound. Listen to it carefully and remember it well. NOTE r1 LISTEN 016 · When the melody Voice of the Song is changed, the key position shown in the display may be shifted (in octave units), depending on the selected Voice. The notation of the model melody is shown.

Lesson 2--Timing In this mode, simply concentrate on playing the notes with the correct timing. Even if you play wrong notes, the correct notes shown in the display will sound. r2 TIMING 016 Lesson 3--Waiting In this Lesson, try playing the correct notes shown on the display. The Song pauses until you play the right note, and playback tempo changes to match the speed at which you are playing. Your Tempo · By default, playback tempo will change to match the speed at which you are playing.

This is because the "Your Tempo" parameter (page 15) is set to ON. If you want to disable this function, or you want to learn using the original tempo, set Your Tempo to OFF. r3 WAITING 016 24 EZ-220 Owner's Manual Using the Lesson feature Trying the Song Lesson 1 2 Select the desired Song for your lesson (page 18). Song 000 cannot be used with the Song Lesson feature. Turn off the part you want to practice.

@@@These Songs cannot be used for left-hand or both-hands lessons. @@@Start the Lesson. Practice the selected Song according to the selected Lesson type. Stop the Lesson. @@ · You can change the Lesson part during Lesson playback. · The Split Point is fixed and it cannot be changed.

@@@Voice name 001 GrandPno -03 2 Select the desired Voice. Use the Number buttons [0][9], [+] and [-]. @@@ · Do not press the footswitch while turning the power on. @@When drum kits (Voice numbers 141153) are selected, you can play different percussion sounds directly from the keyboard.

For details, refer to the Drum Kit List on page 49. Example: 141 Standard Kit 1 141 Std.Kit1 To reset the Voice to the Grand Piano, press the [PORTABLE GRAND] button. lo se d Pe i-H da l at O pe n C ra sh Cy R m id b e Cy al l m ba Ta l l m bo Co urin e w be ll Vi br as la p ot ng o Co L ng a H O pe Ti m n ba le Ag L og o L M ar ac as G ui ro Sh C o la ve rt s Sh C3 C lic k H us h h Sw Ta irl p Sn Sw a ir Sn re l Ba are Rol ss H l Ba Dr Sof ss um t So D ru m ft Ba Ha ss rd D ru m Sn Sna ar re e HM Fl H oo ar rT d o Fl oo m rT L om Lo H w M To id m T M om id L To H mH C ig hi h n R ese To id Cm e Cy ym Sp mb bal la al C C sh C up ra sh ym Cy ba R id mb l e Cy al 2 m ba Co Bon l 2 ng go a HH M Co ute n Ti ga m L ba l Ag e H og o Sa CH m ba ab Sa W asa m his ba tl W eH h G istle W uiro L oo L d on W Blo g oo ck d BH C loc ui ca k L Tr O ia ng pe n le Ji Op ng en le B Be ells ll T re e Br Br us Se q \* When Voice number 141 is selected, the icons printed above the keyboard indicates the instruments assigned to each key. ui ca Tr Mut ia ng e l Sh e M u ak er te ap Ta p im ick et la C p Sl R ta n St at i-H C ick s n us us de d Ca s i-H pe an at h h Bo Br Br St Si O H H H H C EZ-220 Owner's Manual 27 Playing With a Variety of Effects Adding Reverb Reverb adds the ambience of a room or concert hall to the sound that you play on the keyboard. Reverb On/Off Press the [FUNCTION] button several times until "on Reverb" or "oFF Reverb" appears. The default setting is on. Set this to on or off by using the [+] and [-] buttons. on Reverb Current setting Selecting a Reverb type The ideal type is automatically selected whenever you select a Song or Style, but you can select any of the available Reverb Types.



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1 Press the [FUNCTION] button several times until "Reverb" appears.

"Reverb" is located next to the "on Reverb" or "oFF Reverb" indications. on Reverb Reverb The current Reverb type appears after the "Reverb" indication. 01 Hall1 Current Reverb type 2 Select the desired Reverb Type by using the number buttons [0] [9], [+], [-]. Refer to the Reverb Type list on page 52 for details.

28 EZ-220 Owner's Manual Playing With a Variety of Effects Adjusting the Reverb depth 1 Press the [FUNCTION] button several times until "RevLevel" appears.

064 RevLevel Current value 2 Set the desired Reverb depth by using the number buttons [0][9], [+], [-]. The range is from 0127. NOTE · Press the [+] and [-] buttons simultaneously to instantly reset the value to the default of "64." Adding Panel Sustain This function adds a fixed sustain to the keyboard Voices. 1 Press the [FUNCTION] button several times until "Sustain" appears.

oFF Sustain Current setting 2 Press the [+] button to turn Panel Sustain on. Panel Sustain will be added to the notes you play on the keyboard. To turn it off, press the [-] button. NOTE · You can apply Sustain to the keyboard sound by pressing an optional Footswitch. For details, refer to page 27. · For certain Voices, the sustain effect may not be obvious or audible, even when Panel Sustain is turned on. on Sustain On EZ-220 Owner's Manual 29 Controlling the Pitch Transposing the Pitch in Semitones The overall pitch of the instrument can be shifted up or down in semitone increments. 1 Press the [FUNCTION] button several times until "Transpos" appears on the display. Current value 00 Transpos NOTE 2 Use the number buttons to set the Transpose value over a range of -12 (down one octave) to 12 (up one octave). · Transpose cannot be applied to Drum Kits 141 and 142 (Voice numbers).

However, Transpose can be applied to Drum Kits 143153; keep in mind, though, that the instrument sounds are not tuned, but simply shifted to different keys. · To call up the default value (0), press the [+] and [-] buttons simultaneously. Fine Tuning the Pitch The overall pitch of the instrument can be tuned up or down in roughly 0.2Hz steps. 1 Press the [FUNCTION] button several times until "Tuning" appears on the display. After a while, the current value is shown on the display. Current value Tuning 2 440.0Hz NOTE Use the [+] and [-] buttons to set the Tuning value over a range of 427.0Hz to 453.0Hz.

· Tuning cannot be applied to the Drum Kits (Voice numbers 141153). · To call up the default value (440.0Hz), press the [+] and [-] buttons simultaneously. 30 EZ-220 Owner's Manual Changing the Touch Sensitivity You can change the Touch Sensitivity of the keyboard to match your playing preferences--from a maximum dynamic range (which gives you complete expressive control of the volume, from soft to loud), to a fixed setting in which all notes sound at the same volume regardless of your playing strength. NOTE · The default Touch Sensitivity value is "2".

1 Press the [FUNCTION] button several times until "TouchSns" appears on the display. After a while, the current value is shown on the display. TouchSns 2 Medium Current value 2 Use the [1][4], [+] and [-] buttons to select the Touch Sensitivity. Touch Sensitivity Description 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. This is the standard piano touch response. The volume level does not change much when you play the keyboard soft or hard. The volume level does not change at all regardless of whether you play the keyboard soft or hard. 1 2 3 4 (Off) EZ-220 Owner's Manual 31 Using the Metronome The metronome feature is convenient for practicing with an accurate tempo. This instrument allows you to set both the tempo and the time signature. Set the time signature according to the notation, and set the tempo suitable for your skill level. Starting/Stopping the metronome Press the [METRONOME ON/OFF] button to start the metronome. Only the first beat is accented with a bell sound. To stop the metronome, press this button again. 001 GrandPno 1 1 Indicates the beat number Metronome volume This can be set by using the [FUNCTION] button (page 15).

Adjusting the Tempo 1 Press the [TEMPO/TAP] button to call up the current Tempo value. Current value 155 Tempo 2 Use the number buttons to set the tempo over a range of 11 to 280. NOTE · The metronome tempo will be automatically changed to the value set in the Song or Style when you select a different Song or Style. 32 EZ-220 Owner's Manual Using the Metronome Setting the Time Signature When this is set to a value other than 0, the first beat is accented with a bell sound. When set to 0, no beat is accented. This instrument allows you to set the denominator of the time signature, as well as the beat (numerator of the time signature). 1 Hold down the [METRONOME ON/OFF] button for longer than a second. The Beat (corresponding to the numerator of the Time Signature) is shown on the display. Beat 04 Hold for longer than a second. TimeSigN 2 3 Use the number buttons to set the Beat over a range of 0 to 60. Press the [FUNCTION] button. The denominator of the Time Signature is shown on the display. NOTE · The Time Signature settings for a Song or Style will automatically be changed when you select a different Song or Style. 04 TimeSigD 4 Use the [+] and [-] buttons to select a note. The available values are as follows: Value 02 04 08 16 Descriptions Half note Quarter note 8th note 16th note EZ-220 Owner's Manual 33 Playing with a Style The Style puts a full backing band at your fingertips.

To use it, all you have to do is play the chords with your left hand as you perform and the selected Style matching your music will automatically play along, instantly following the chords you play. 1 Press the [STYLE] button. The Style number and name are shown on the display. Style number Appears when the instrument is in the Style mode. Style name 001 8BitModrn 001 2 Use the number buttons to select a Style.

Refer to the Style List on page 53. 016 HH Light Playing only the Rhythm Part After you've selected a Style, pressing the [START/STOP] button starts playback of the Rhythm part of the Style. To stop playback, press the [START/STOP] button again. If you select one of the Pianist category Styles (093100), which have no rhythm parts, no sound is produced even when you press the [START/STOP] button. If this happens, turn ACMP on then play the chord in the Auto Accompaniment range of the keyboard to turn on playback of other accompaniment parts. 3 Press the [ACMP ON/OFF] button to turn on ACMP. To turn ACMP off, press this button again.



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016 HH Light 001 Appears when ACMP is on. 34 EZ-220 Owner's Manual Playing with a Style When ACMP is on: The keys to the left of the Split Point (54; F#2) will play only chords. This is known as the "Auto Accompaniment range.

" Split Point (54: F#2) NOTE · You can change the Split Point. Refer to page 39. 48 55 60 Auto Accompaniment range 4 Press the [SYNC START] button to turn on Sync Start. 016 HH Light 001 Flashes when Sync Start is turned on. When Sync Start is on, you can start Style playback by pressing a chord in the Auto Accompaniment range of the keyboard. To turn Sync Start off, press this button again. 5 Play a chord in the Auto Accompaniment range of the keyboard to start Style playback. Split Point Adjusting Tempo · You can adjust the tempo of the Style (page 20). NOTE · If you press the [SYNC START] button during Style playback, playback stops immediately and Sync Start turns on (beat arrows flash). Auto Accompaniment range Even if you're not sure how to play chords, you can still easily create full chords by simply playing one key.

Try playing one, two or three keys (any adjacent notes will do) in the Auto Accompaniment range of the keyboard. Different keys will produce different results. For instructions playing chords, refer to page 37 or use the special Chord Dictionary function (page 38) which shows you how to play specific chords on the display and with the key lamps. Play a variety of left-hand chords while playing a melody with your right hand. 6 To stop playback, press the [START/STOP] button.

You can stop playback also by pressing the [INTRO/ENDING/rit.] button (page 36) so that the Ending of the current Style will play and then Style playback will stop. EZ-220 Owner's Manual 35 Using the Style Sections The instrument features a wide variety of Style "Sections" that allow you to vary the arrangement of the accompaniment to match the music you are playing. INTRO This is used for the beginning of your performance. When the Intro finishes, Style playback shifts to the Main section.

The length of the Intro (in measures) differs depending on the selected Style. MAIN This is used for playing the main part of your performance. Playback of the Main section repeats indefinitely until another Section's button is pressed. There are two variations (A and B), and the Style playback sound changes harmonically based on the chords you play with your left hand. ENDING This is used for the ending of your performance. When the Ending finishes, Style playback stops automatically. The length of the Ending (in measures) differs depending on the selected Style. AUTO FILL This is automatically added before changing to Main A or B. Recommended method for using Sections Setup 1. Press the [STYLE] button and then select a Style.

2. Press the [ACMP ON/OFF] button to turn ACMP on. 3. Press the [INTRO/ENDING/rit.] button. 4. Press the [MAIN/AUTO FILL] button to select Main A or Main B. 5. Press the [SYNC START] button to turn SYNC START on. You're now ready to play the Intro.

Start playing 6. As soon as you play a chord with your left hand, the Intro of the selected Style starts. 7. Press the [MAIN/AUTO FILL] button. (For switching Main Sections/Adding a Fill-in) Ending 8.

Press the [INTRO/ENDING/rit.] button. (For adding an Ending) An appropriate Ending Section will play and then Style playback will stop. You can have the Ending gradually slow down (ritardando) by pressing the [INTRO/ENDING/rit.] button again during Ending playback.

36 EZ-220 Owner's Manual Playing Chords for Style Playback Basic Chords If you are unfamiliar with chords, refer to the chart below which shows common chords for quick reference. Because there are many useful chords and many different ways to use them musically, use the Chord Dictionary function (page 38), or refer to commercially available chord books for further details. Indicates the root note. Major Minor Seventh Minor Seventh Major Seventh C Cm C7 Cm7 CM 7 D Dm D7 Dm7 DM 7 E Em E7 Em7 EM7 C F Fm F7 Fm7 FM7 G Gm G7 Gm7 GM7 A Am A7 Am7 AM 7 B Bm B7 Bm 7 BM 7 · Inversions can be used as well as in "root" position--with the following exceptions: m7 m7b5, 6, m6, sus4, aug, dim7 7b5, 6(9), sus2, , , · Inversion of the 7sus4 and m7(11) chords are not recognized if the notes are omitted. · sus2 chords are indicated by the root name only. · When you play notes which cannot be recognized as a chord, no chord name is shown on the display. In this case, only the Rhythm and Bass parts will be played back. Easy Chords This method lets you easily play chords in the Auto Accompaniment range of the keyboard using only one, two, or three fingers. For root "C" C Cm C7 Cm 7 To play a major chord Press the root note ( ) of the chord. To play a minor chord Press the root note together with the nearest black key to the left of it.

To play a seventh chord Press the root note together with the nearest white key to the left of it. To play a minor seventh chord Press the root note together with the nearest white and black keys to the left of it (three keys altogether). EZ-220 Owner's Manual 37 Playing Chords for Style Playback Looking up Chords Using the Chord Dictionary The built-in "Chord Dictionary" shows you the individual notes of chords. This is ideal when you know the name of a certain chord but do not know how to play it. 1 Hold down the [WAITING] button for longer than a second. "DICTIONARY" followed by "Dict." will appear in the display, then the keyboard will be divided into three ranges as illustrated below. DICTONA Hold for longer than a second. Keys which you should play will light Keys for chord type dictionary Keys for root dictionary Dict. 2 As an example, try learning how to play a GM7 (G major seventh) chord.

Press "G" in the Keys for Root Dictionary section, then "M7" in the Keys for Chord Type Dictionary section to turn on the key lamps which you should play. On the display, the notes you should play for the specified Chord Type and Root are shown as notation. Keys for chord type dictionary mM7 (9) m7(9) m(9) m7b5 7(9) 7(b13) dim7 7sus4 7aug Keys for root dictionary Keys for GM7 chord M 6 M7 m m6 7 7(#9) 7(#11) aug m7 7(b9) 7(13) dim sus4 Major Chords Dict. -05 Notation of chord Chord name (root and type) · Major chords are usually indicated by the root name only. For example, the indication "C" in a score refers to a "C Major" chord.

To look up the fingering for a major chord press the root key and then the M chord type key. 3 Try playing a chord in the Auto Accompaniment range of the keyboard, checking the indications in the display. When you've played the chord properly, a bell sound signals your success and the chord name in the display flashes. To call up possible inversions of the chord, press the [+]/[-] buttons.



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To exit from the Chord Dictionary display, press the [SONG] or [STYLE] button.

EZ-220 Owner's Manual 4 38 Style Playback Settings Adjusting the Style Volume This procedure lets you adjust the volume balance between Style playback and your keyboard performance. 1 Hold down the [STYLE] button for longer than a second. The current Style Volume is shown on the display. Current Style volume 100 Hold for longer than a second. StyleVol 2 Use the number buttons to set the Style Volume. NOTE · Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (100). Setting the Split Point You can change the Split Point which divides the entire keyboard into the Auto Accompaniment range (left-hand area) and Melody range (right-hand area). Split Point default setting: 54 (F#2) 36 48 60 72 84 96 The default Split Point is key number 54 (the F#2 key), but you can change it to another key. 1 Press the [FUNCTION] button several times until "SplitPnt" appears. Current Split Point Split Point 054 SplitPnt -03 The current Split Point key is lighted.

2 Use the Number buttons to set the Split Point. NOTE · Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (54 or F#2). EZ-220 Owner's Manual 39 Computer/iPad Connecting to a Computer This instrument is compatible with MIDI (Musical Instrument Digital Interface), For example, you can play Song data (MIDI files you've purchased/downloaded from the Internet) from computer software, using the sound of the Voices of this instrument. Computer OS: Windows XP (SP3 or later) (32bit), Windows Vista (32bit), Windows 7 (32bit/64bit), Mac OS X Version 10.5.010.7.X NOTICE · Connecting a computer which does not satisfy the above OS may cause computer malfunction. Yamaha USB-MIDI Driver is supported only by the above OS. 1 2 3 On the instrument, turn off the power.

Turn on the power of the computer. Quit any open application software on the computer. Connect a USB cable to the [USB TO HOST] terminal of the instrument, then to the USB terminal of the computer. USB terminal Instrument USB cable 4 Turn on the power of the instrument. The computer will automatically be set to enable MIDI communication with this instrument.

Yamaha Standard USB-MIDI driver When data communication is unstable or some problem occurs with the above operation, download the Yamaha Standard USB-MIDI driver from the following URL: <http://download.yamaha.com/> By following the Installation Guide in the package file, install the driver to the computer. For OS compatibility information, refer to the above URL. Precautions when using the USB TO HOST terminal When connecting the computer to the [USB TO HOST] terminal, make sure to observe the following points.

Failing to do so risks freezing the computer and corrupting or losing the data. If the computer or the instrument freezes, restart the application software or the computer OS, or turn the power to the instrument off then on again. NOTICE · Use an AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used. · Before connecting the computer to the [USB TO HOST] terminal, exit from any power-saving mode of the computer (such as suspend, sleep, standby). · Before turning on the power to the instrument, connect the computer to the [USB TO HOST] terminal. · Execute the following before turning the power to the instrument on/off or plugging/unplugging the USB cable to/from the [USB TO HOST] terminal. · Quit any open application software on the computer. · Make sure that data is not being transmitted from the instrument.

(Data is transmitted only by playing notes on the keyboard or playing back a song.) · While the computer is connected to the instrument, you should wait for six seconds or more between these operations: (1) when turning the power of the instrument off then on again, or (2) when alternately connecting/disconnecting the USB cable. 40 EZ-220 Owner's Manual Connecting to a Computer MIDI settings On this instrument, the following MIDI parameters can be set by using the [FUNCTION] button (page 15). These are useful when connecting this instrument to a computer, and recording your keyboard performance to music software, for example. Local Control Determines whether or not the internal Voices respond to the notes you play on the keyboard. · ON.....

.....  
...This is the normal default setting in which notes played on this instrument and coming from a computer via a USB cable are sounded by the internal Voices.  
· OFF .  
.....

Playing notes on this instrument does not sound the internal Voices, but transmits the note data to a computer via a USB cable. The notes coming from a computer via a USB cable are sounded by the internal Voices. This can be set by using the [FUNCTION] button (page 15). External Clock Determines whether Song/Style/Metronome playback is synchronized to the internal clock of this instrument (OFF), or to the clock signal from a computer connected to the USB TO HOST terminal (ON). · ON.....

.....  
..Playback will be synchronized to the clock from a computer. While no clock is being received from a computer, playback cannot be done. · OFF .  
.....

This is the normal default setting in which the instrument uses its own internal clock. This can be set by using the [FUNCTION] button (page 15). Initial Send (Panel Setting Transmission) Sends the current panel settings of this instrument to a computer. When recording the keyboard performance to a computer, you can use this function to ensure that the original panel settings are automatically restored when the recorded data is played back. This can be set by using the [FUNCTION] button (page 15). Keyboard Lighting via Song Playback on a computer Receiving data over MIDI channel 1 from a computer lights the corresponding notes on the keyboard. This means that you can use the Song data on a computer for keyboard practice if the melody part to be practiced is assigned to MIDI channel 1. EZ-220 Owner's Manual 41 Page Turner of the Score on the iPad By downloading the dedicated application, you can show the scores of the Preset Songs on the iPad screen without connection. Because the score pages are automatically turned according to playback progress, you can concentrate on playing the keyboard while viewing the score. \* iPad is sold separately.

\* This function is supported only by iPad. \* iPad or App Store may not be available depending on your particular area. Using the Page Turner function with the dedicated application To use the Page Turner function, download the dedicated application "EZ-220 Page Turner" (free downloadable), attach the music rest (page 6) to this instrument then follow the instructions below. 1 2 Install EZ-220 Page Turner to your iPad. This application can be downloaded from the App Store.

Attach your iPad to the music rest. 2-1 After removing the backing paper, attach the included long felt to the bottom center of the music rest.



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