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You can read the recommendations in the user guide, the technical guide or the installation guide for YAMAHA DTX400K. You'll find the answers to all your questions on the YAMAHA DTX400K in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual YAMAHA DTX400K
User guide YAMAHA DTX400K
Operating instructions YAMAHA DTX400K
Instructions for use YAMAHA DTX400K
Instruction manual YAMAHA DTX400K



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Manual abstract:

.....
.....
.....
.....

.....
.....
.....

.... 6 Product Manuals

.....
.....
.....
.....

..... 6 Practicing in Training Mode

.....
.....

..... 29 Basic Training Mode Procedure...

.....
.....
.....

29 1. Groove Check

.....
.....
.....
.....

..... 30 2. Rhythm Gate ..

.....
.....
.....

.....
.....
.....

..... 31 3. Measure Break

.....
.....
.....
.....

32 4. Tempo Up/Down....

.....
.....

.....
.....
.....

... 33 5. Change Up

.....
.....
.....
.....

.....
.... 34 6.

Easy Session

.....

.....
.....
.....
.....

. 35 7. Groove Tracker.....

.....
.....
.....

.....
.....

.. 36 8. Pad Gate ..

.....
.....
.....
.....
.....

.....

. 37 9. Part Mute...

.....
.....
.....
.....
.....

.....

..... 38 10. Fast Blast....

.....
.....
.....
.....
.....

.....

..... @@7 Package Contents ...

.....
.....
.....
.....

.....

..... @@19 Connecting the Power

.....
.....
.....

.....

... 19 Connecting Headphones or Speakers ..

.....

..... 19 Connecting a Music Player

.....
.....
.....

.... 19 Turning On the Drum Module.....

.....
.....
.....

20 Turning Off the Drum Module.....

.....
.....

. 20 Auto Power-Off

.....
.....
.....
.....

.... 20 Restoring the Default Settings (Factory Set) ... 20 Advanced Techniques Setting Parameters using Menu Mode...

.. 40 Basic Menu Mode Procedure ...

.....
.....

..... 40 z Metronome Settings..

.....
.....
.....

.... 41 x Kit Settings.

.....
.....
.....
.....
.....
.....

.... 42 c MIDI Settings

.....
.....
.....
.....
.....

44 v Hi-hat Settings

.....
.....
.....
.....

.... 45 b Trigger Settings.....

.....
.....
.....

.. 46 n Training Settings ...

.....
.....
.....
.....

..... 49 m Other Settings..

.....
.....
.....
.....

... 53 Component Names & Functions..

..... 21 Control Panel ...

.....
.....
.....

.. @@22 Right Side ...

.....
.....
.....
.....

.. 22 Basic Techniques Selecting & Playing a Kit ...

.....
.....

..... 23 Selecting a Kit ..

.....
.....
.....

..... 23 Adjusting Kit Sensitivity...

.....
.....
.....
.....

.. 23 Integrating Separately Sold Accessories .. 56 For DTX400K Owners

.....
.....
.....

. 56 For DTX430K & DTX450K Owners

..... 56 Connecting to a Computer..

.....
.....
.....

.. 57 Making Connections.....

.....
.....
.....
.....

.. 57 MIDI Reference Manual

.....
.....
.....

..... 57 Playing Techniques....

.....
.....
.....
.....

. 24 Snare Pad

.....
.....
.....
.....
.....

..... 24 Hi-hat Cymbal

.....
.....
.....
.....
.....

..... 24 Performing with a Song

.....
.....
.....

... 25 Selecting a Song.....

.....
.....
.....
.....

..... 25 Adjusting the Song Volume ..

.....
.....
.....

..... 25 Adjusting the Volume of Muted Drum Parts ...

. 26 Looping Part of a Song

.....
.....
.....
.....

. 26 Reference Troubleshooting...

.....
.....
.....
.....
.....

..... 58 Data List ...

.....
.....
.....
.....

60 Specifications

.....
.....
.....
.....

.... 64 Index

.....
.....

.....
.....
.....
.....
.....

... 65 Using the Metronome

.....
.....
.....

.... 27 Starting and Stopping the Metronome

.....
.....

. 27 Adjusting the Metronome Volume

..... 27 Confirming Tempo via Number Buttons

27 Confirming Tempo via Voice Guidance

..... 27 Adjusting the Tempo

.....
.....
.....
.....

..... 28 Other Settings

.....
.....
.....

.....
.....
.....

.... 28 2 DTX400K/DTX430K/DTX450K Owner's Manual SPECIAL MESSAGE SECTION This product utilizes batteries or an external power supply (adapter). DO NOT connect this product to any power supply or adapter other than one described in the manual, on the name plate, or specifically recommended by Yamaha. @@@@This product may also use "household" type batteries. Some of these may be rechargeable. @@@@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. NAME PLATE LOCATION: The name plate is located on the bottom of the product. The model number, serial number, power requirements, etc., are located on this plate.

You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase. NOTICE: Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service. ENVIRONMENTAL ISSUES: Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals.

In keeping with both the letter and the spirit of the law, we want you to be aware of the following: Battery Notice: This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement. Model Serial No. Purchase Date 92-BP (bottom) PLEASE KEEP

THIS MANUAL FCC INFORMATION (U.S.A.) antee 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) 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.



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Compliance with FCC regulations does not guar* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA. COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE) Responsible Party : Address : Telephone : Type of Equipment : Model Name : Yamaha Corporation of America 6600 Orangethorpe Ave., Buena Park, Calif. 90620 714-522-9011 ELECTRONIC DRUM KIT DTX400K/DTX430K/DTX450K 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. (FCC DoC) *

This applies only to products distributed by YAMAHA CORPORATION OF AMERICA. DTX400K/DTX430K/DTX450K Owner's Manual 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 64) 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. 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. Assembly • Under no circumstances should any of the components of this product be taken apart or customized. Doing so could result in electric shock, fire, injury, or malfunction.

• Do not sit or stand on the rack. Doing so could cause it to fall over or break, possibly causing 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.

Connections • Before connecting Drum Kit. In order to get the most out of your new instrument, please be sure to read this owner's manual carefully. And after doing so, be sure to store it in a safe place so that you can refer back to it again as needed. Product Manuals The DTX400K, DTX430K, and DTX450K are described in the following two manuals. □ Owner's Manual (this booklet)—Setup, Basic Techniques, Advanced Techniques, and Reference sections. Setup Describes how to assemble your electronic drum kit and get it set up for playing. Basic Techniques Describes the basic techniques used when operating and playing the electronic drum kit. Advanced Techniques Describes the setting of parameters and other more advanced modes of use. Reference Describes troubleshooting techniques and contains other reference materials. □ MIDI Reference Manual (pdf) * Not bundled with this product. The drum module's MIDI Reference Manual contains the following. See page 57 for more details. • MIDI-related reference information • Reference material that will prove useful when making music using the drum module and a computer • Instructions on how to transfer songs from your computer to the drum module □ Using PDF Manuals The Reference Manual for your DTX400K, DTX430K, or DTX450K is made available in digital format as a PDF document. As such, a computer and suitable software will be required in order to read it. We recommend that Adobe® Reader® be used for this purpose as it allows you to quickly and easily search for keywords, to print out specific sections, and to conveniently jump from page to page by clicking embedded links.

Keyword searching and link-based navigation in particular are extremely useful functions available only with digital type documents. The most-recent version of Adobe® Reader® can be downloaded from the following web page. <http://www.adobe.com/products/reader/> 6 DTX400K/DTX430K/DTX450K Owner's Manual Setup First Steps Setup 1 Open the box and confirm that all parts are present and correct. 2 Assemble the parts. • The assembly process is described in detail on pages 8 through 18. 3 Make the necessary connections. • Connect the pads to the drum module using the cables provided. □ See page 18.

• Connect the power adaptor to the drum module and turn on the module. □ See page 19. 4 Play your electronic drum kit. • Basic techniques used when operating and playing the electronic drum kit are described in the Basic Techniques section (pages 23 to 39). • More complex methods are described in the Advanced Techniques section (pages 40 to 55).

DTX400K/DTX430K/DTX450K Owner's Manual 7 Setup Package Contents After opening up the package containing your electronic drum kit, please verify that all of the following parts are present. For DTX400K Owners • Parts !6, !7, and !8 are contained in Box 1. • Parts !0 and !1 are contained in Box 2. • The DTX400K does not have any parts numbered u, o, or !3. • Parts !4 and !5 are almost identical in appearance but are actually different.

They can be told apart by the sticker on the base section. • Parts e and i are almost identical in appearance but are actually different. Part i has a wing bolt, but part e does not. In addition, the polystyrene foam packaging used for part e is marked "T" (tom); while the packaging for part i is marked "S" (snare). q Base supports (x2) w Vertical supports (x2) e Third tom part (x1) Third tom pad r Left arm (x1) t Drum module (x1) y First/second tom part (x1) First tom pad Second tom pad i Snare pad (x1) !0 Cymbal holders (x2) !1 Hi-hat holder (x1) Rear side Wing bolt !2 Cymbal/hi-hat pads (x3) !4 Hi-hat controller (x1) !5 KU100 Kick Unit (x1) !6 Nine-channel snake cable (x1) !7 Tuning key (x1) !8 Cable bands (x3) !9 Power adaptor (x1) * May not be included depending on your particular area.



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Please check with your Yamaha dealer. @0 Owner's Manual (this booklet) 8 DTX400K/DTX430K/DTX450K Owner's Manual Package Contents For DTX430K Owners •Parts !6, !7, and !8 are contained in Box 1. •Parts !0 and !1 are contained in Box 2. •The DTX430K does not have any parts numbered u or o. q Base supports (x2) w Vertical supports (x2) e Third tom part (x1) Third tom pad r Left arm (x1) t Drum module (x1) y First/second tom part (x1) First tom pad Second tom pad i Snare pad (x1) !0 Cymbal holders (x2) !1 Hi-hat holder (x1) !2 Cymbal/hi-hat pads (x3) !3 KP65 Kick Pad (x1) !4 HH65 Hi-hat Controller (x1) !5 FP6110A Foot Pedal (x1) !6 Nine-channel snake cable (x1) !7 Tuning key (x1) !8 Cable bands (x3) !9 Power adaptor (x1) * May not be included depending on your particular area.

Please check with your Yamaha dealer. @0 Owner's Manual (this booklet) DTX400K/DTX430K/DTX450K Owner's Manual 9 Package Contents For DTX450K Owners •Parts o, !6, !7, and !8 are contained in Box 1. •Parts u, !0, and !1 are contained in Box 2. q Base supports (x2) w Vertical supports (x2) e Third tom part (x1) Third tom pad r Left arm (x1) t Drum module (x1) y First/second tom part (x1) First tom pad Second tom pad u Hexagonal rod (x1) i TP70S Snare Pad (x1) o S wing bolt (x1) !0 Cymbal holders (x2) !1 Hi-hat holder (x1) !2 Cymbal/hi-hat pads (x3) !3 KP65 Kick Pad (x1) !4 HH65 Hi-hat Controller (x1) !5 FP6110A Foot Pedal (x1) !6 Nine-channel snake cable (x1) !7 Tuning key (x1) !8 Cable bands (x3) !9 Power adaptor (x1) * May not be included depending on your particular area. Please check with your Yamaha dealer. @0 Owner's Manual (this booklet) 10 DTX400K/DTX430K/DTX450K Owner's Manual Setup Assembly Guide Fully assembled drum kit (DTX450K shown) Step 6 Step 5 Step 11 CAUTION •Choose a flat, hard surface on which to assemble your electronic drum kit. •Take care to avoid mixing up parts or assembling them in the wrong direction. In addition, the assembly steps should be completed one at a time in the order described. •The assistance of at least one other person will be required when assembling the electronic drum kit. Step 10 Step 9 Step 8 Step 3 Step 4 Step 7 Step 2 •Once a piece has been assembled, be sure to tighten the corresponding nuts or bolts.

•To disassemble your electronic drum kit, carry out the assembly sequence in reverse. Step 1 Step 1 !7 Preparing the base supports Step 2 Attaching the vertical supports w Joint 50 cm q q Left Front Right 1. Take the two base supports (q) and the tuning key (!7) from the package, and using the tuning key, securely tighten the s key bolts (i.e., the key bolts labeled s in the figure).

NOTE The two base supports are identical. 1. Take a vertical support (w) from the package, and insert it fully into the joint on the left base support. NOTE The two vertical supports are identical. 2.

2. 3. Using the tuning key, loosen the □ key bolt on each of the two base supports (q). Viewing from the front as shown in the figure, place the base supports (q) at the left and right approximately 50 cm apart. Using the tuning key, tighten the □ key bolt that you loosened in Step 1 in order to secure the vertical support (w) in place. CAUTION After completing this step, lay the assembly down safely to prevent it from falling over. 3. Repeat 1. and 2. to assemble the right upright bar.

DTX400K/DTX430K/DTX450K Owner's Manual 11 Assembly Guide Step 3 Attaching the third tom part Step 4 Attaching the left arm r Joint e Rear of third tom pad Right vertical support Left vertical support The joint shown in the figure is not part of the DTX400K. IMPORTANT The third tom part (e) and the snare part (i) from the DTX400K are almost identical in appearance, and special care should be taken to avoid mixing them up during the assembly process.

To tell them apart, look for the wing bolt, which is only found on part i. See the figure on page 8 for more details. 1. 2. 3. Take the left arm (r) from the package, and using the tuning key, securely tighten the s key bolt. Loosen the □ key bolt. Slide the left arm (r) onto the left vertical support and lower it to the center of the support or thereabouts.

Ensure that the left arm is oriented as shown in the above figure at this time. Tighten the □ key bolt to secure the left arm (r) in place. CAUTION After completing this step, lay the assembly down safely to prevent it from falling over. 1. 2.

3. Take the third tom part (e) from the package, and using the tuning key, securely tighten the s key bolt. Loosen the □ key bolt. Slide the third tom part (e) onto the right vertical support and lower it to the center of the support or thereabouts. Ensure that the third tom pad is oriented as shown in the above figure at this time.

NOTE Care should be taken to avoid assembling the third tom pad upside-down or back-to-front. 4. Step 5 4. Tighten the □ key bolt to secure the third tom part (e) in place. CAUTION After completing this step, lay the assembly down safely to prevent it from falling over. NOTE The third tom pad will be rotated into place in Step 12. Attaching the drum module t 10 cm Left vertical support 1. 2. Take the drum module (t) from the package and loosen the □ key bolt. Slide the drum module (t) onto the left vertical support and lower it to a position about 10 cm from the top.

The angle at which the module should be assembled is shown in the figure. Tighten the □ key bolt to secure the drum module (t) in place. CAUTION After completing this step, lay the assembly down safely to prevent it from falling over. 3. 12 DTX400K/DTX430K/DTX450K Owner's Manual Assembly Guide Step 6 Attaching the first/second tom part 1. Rear of first tom pad Rear of second tom pad Take the first/second tom part (y) from the package, and using the tuning key, securely tighten the s key bolts. NOTE This part has two s key bolts, one each on the left and right. y 2. Loosen the □ key bolts. NOTE This part has two □ key bolts, one each on the left and right.

3. Vertical supports Slide the first/second tom part (y) onto the vertical supports and move it down until the tops of the supports are flush with the tops of the holes. Ensure that the tom part is oriented as shown in the above figure at this time. NOTE Care should be taken to avoid assembling the first and second tom pads upside-down or back-to-front. 4.

Tighten the □ key bolts to secure the first/second tom part (y) in place. NOTE The tom pads will be rotated into place in Step 12. The details of Step 7 are different for the DTX400K, DTX430K, and DTX450K. For DTX400K Owners Step 7 Attaching the snare pad 4. Loosen the □ key bolt located on the back of the snare pad (i), and rotate the pad 180°, turning it over.

1. Take the snare part (i) from the package and lightly tighten the wing bolt. Wing bolt Left arm i Joint 180° i 5. Tighten the □ key bolt to secure the snare pad (i) in place.



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2. 3. Place the snare part (i) on the left arm, which was assembled in Step 4, and slide it back until the front end of the arm is flush with the joint. Securely tighten the wing bolt. i DTX400K/DTX430K/DTX450K Owner's Manual 13 Assembly Guide The details of Step 7 are different for the DTX400K, DTX430K, and DTX450K. For DTX430K Owners Step 7 Attaching the snare pad For DTX450K Owners Step 7 Attaching the snare pad 1.

Loosen the wing bolt on the joint on the left arm, which was attached in Step 4. Left arm 1. Loosen the wing bolt on the joint on the left arm, which was attached in Step 4. Left arm Wing bolt Joint 90° Wing bolt Joint 90° 2. 3. 4. Rotate the joint 90° counter-clockwise, making the joint section horizontal.

Securely tighten the wing bolt. Loosen the □ key bolt on the joint. 2.

3. 4. Rotate the joint 90° counter-clockwise, making the joint section horizontal. Securely tighten the wing bolt. Loosen the □ key bolt on the joint. u 5. Take the snare pad (i) from the package and slide it fully into the joint. 5. 6. Take the hexagonal rod (u) from the package and slide it fully into the joint. Tighten the □ key bolt to secure the hexagonal rod (u) in place. Take the snare pad (i) and the S wing bolt (o) from the package and lightly tighten the S wing bolt (o). (Five or six turns is sufficient.) o i 7. 6. Tighten the □ key bolt to secure the snare pad (i) in place. i 8. Place the snare pad (i) on the hexagonal rod (u), which was attached in 6. above, and slide it fully back. Then tighten the S wing bolt (o) to secure the snare pad (i) in place.

u i o 9. Loosen the □ key bolt and adjust the angle of the snare pad. When finished, retighten the □ key bolt to secure the snare pad in place. 14 DTX400K/DTX430K/DTX450K Owner's Manual Assembly Guide The details of Step 8 are different for the DTX400K, DTX430K, and DTX450K. For DTX400K and DTX430K Owners Step 8 Attaching the hi-hat holder For DTX450K Owners Step 8 Attaching the hi-hat holder !1 Left arm Snare pad !1 Joint Joint 1. 2. 1. 2. Loosen the two □ key bolts on the joint on the snarepad part, which was attached in Step 7. Take the hi-hat holder (!1) from the package and slide it into the joint from the front as shown in the figure.

Then adjust the angle of the hi-hat holder. Loosen the two □ key bolts on the joint on the left arm, which was attached in Step 4. Take the hi-hat holder (!1) from the package and slide it into the joint from the rear as shown in the figure. Then adjust the angle of the hi-hat holder. • When correctly inserted, the tip of the hi-hat holder (!1) will protrude slightly from the front of the joint.

• When correctly inserted, the tip of the hi-hat holder (!1) will protrude slightly from the rear of the joint. • When correctly oriented, the metal rod section at the top of the hi-hat holder (!1) will be vertical. • When correctly oriented, the metal rod section at the top of the hi-hat holder (!1) will be vertical. 3. 3. Tighten the two □ key bolts to secure the hi-hat holder (!1) in place. Tighten the two □ key bolts to secure the hi-hat holder (!1) in place. Step 9 Attaching the cymbal holders 1. !0 !0 Loosen the four □ key bolts at the ends of the first/second tom part, which was attached in Step 6. Take the cymbal holders (!0) from the package and insert them into the ends of the first/second tom part. Then adjust the angles of the cymbal holders until they are oriented as shown in the figure. NOTE The two cymbal holders are identical. 2. • When correctly inserted, the tips of the cymbal holders (!0) will protrude slightly from the bottom of the tom part. • When correctly oriented, the cymbal holders (!0) will be as shown in the figure.

3. Tighten the four □ key bolts to secure the cymbal holders (!0) in place. DTX400K/DTX430K/DTX450K Owner's Manual 15 Assembly Guide Step 10 Attaching the hi-hat Step 11 □ Adjusting the position of the hihat stopper pin 30° Pin 30° Assembling the cymbal pads Wing nut Felt pad Pin □ Front Stopper Hi-hat holder Front This figure shows the hi-hat holder correctly inserted in the DTX450K. It is inserted from the front in the DTX400K and DTX430K, and therefore, faces in the opposite direction. !2 Felt pad Cymbal holder In this step, the two remaining cymbal/hi-hat pads (!2) are assembled. Accordingly, 1. to 4. must be performed twice. NOTE The two cymbal pads (!2) are identical. 1.

2. 3. 4. Remove the wing nut and the upper felt pad from the cymbal holder. (Do not remove the lower felt pad.)

) Place the cymbal pad (!2) on the cymbal holder, with the holder passing through the central hole. Replace the felt pad removed in 1. above the cymbal pad (!2). Tighten the wing nut to secure the cymbal pad (!2) in place. 1.

2. 3. Using the tuning key, loosen the □ key bolt on the stopper, which is located at the top of the hi-hat holder. Adjust the position of the pin until, as shown in the figure, it is approximately 30° counter-clockwise from the front-rear direction of the kit when viewed from above. Tighten the □ key bolt to secure the stopper pin. Step 12 □ Assembling the hi-hat pad Washer Wing nut Felt pad Rotating the tom pads into place y !2 Felt pad Stopper Hi-hat holder e All three of the cymbal/hi-hat pads (!2) are identical. One of these is to be used as the hi-hat pad. 1. 2. 3.

4. 5. Remove the wing nut, the washer, and the upper felt pad from the hi-hat holder. (Do not remove the lower felt pad.) Take the hi-hat pad (!2; one of three) from the package and place it on the hi-hat holder with the stopper pin also passing through the hole provided. Replace the felt pad removed in 1. above the hi-hat pad (!2). Replace the washer removed in 1. above the felt pad. Tighten the wing nut to secure the hi-hat pad (!2) in place.

Ensure that the wing nut is firmly tightened. Step 12 applies to each of the three tom pads. Accordingly, 1. to 3. must be performed three times.

1. 2. 3. Loosen the □ key bolt on the tom pad (e or y). Rotate the tom pad to a position where it will be easy to play.

(If necessary, refer to the picture of the properly assembled kit on page 11.) Tighten the □ key bolt to secure the tom pad in place. 16 DTX400K/DTX430K/DTX450K Owner's Manual Assembly Guide Step 13 is only required for the DTX430K and DTX450K. Owners of the DTX400K should skip to Step 14. Step 13 Assembling the kick pad 1. Take the kick pad (!3) from the package, remove the four wing bolts, spring washers, and flat washers from the kick pad holder, and arrange each set nearby in the disassembled condition. Assemble the base to the holder as shown below, and then from the base side, assemble the wing bolts, spring washers, and flat washers removed in 1. in order to secure it in place. Wing bolt Spring washer 5. Turn the foot pedal's T-bolt counter-clockwise to loosen it.

2. T-bolt 6. 7. 8. !3 Flat washer Fit the raised section at the front of the kick pad holder into the foot-pedal's assembly bracket.



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Turn the foot pedal's T-bolt clockwise to secure the parts together. Operate the pedal and confirm whether the beater head strikes the kick pad near the center. If not, adjust the length of the beater or move it left or right as required. Kick pad Base Kick pad 3. 4.

Take the foot pedal (!5) from the package and insert the beater into the hole in the holder as shown below. Slide the beater rod into the hole until the tip protrudes approximately 15 mm from the rear, and then tighten the beater bolt using the tuning key. Beater Tuning key Assembly bracket Raised section T-bolt Beater head Holder Connecting rod !5 Beater bolt Connecting rod Step 14 Positioning the hi-hat controller and kick drum Kick drum parts Arrange the hi-hat controller (!4) and the kick drum parts or kick unit (!5) as shown in the figure on the left. **IMPORTANT** The hi-hat controller (!4) and the kick unit (!5) from the DTX400K are almost identical in appearance. They can be told apart by the sticker on the base section.

!4 !5 !4 DTX400K DTX430K/DTX450K DTX400K/DTX430K/DTX450K Owner's Manual 17 Assembly Guide Step 15 Fine-tuning the positions of the pads and the drum module Sit on your stool and adjust the positions of the pads and the drum module to your liking. • To adjust the height of the snare pad, loosen the □ key bolt. • To adjust the height of the third tom pad, loosen the □ key bolt. • To adjust the height of the drum module, loosen the s key bolt. • To tilt the drum module forwards or backwards, loosen the □ key bolt.

CAUTION • Be sure to always retighten any key bolt after you have finished adjusting the corresponding part. • Before moving on to the next step, ensure that all key bolts have been tightened. **NOTE** • Refer back to Step 7 if you wish to readjust the angle of the snare pad. Drum module Snare pad Third tom pad • Refer back to Step 12 if you wish to readjust the angles of the tom pads. Step 16 Connecting the pads to the drum module TOM1 CR Right side of the drum module TOM2 RIDE SNR TOM1 TOM2 TOM3 RIDE CR HH HHC KICK HH TOM3 SNR KICK DTX400K HHC HHC CR TOM1 TOM2 HH SNR RIDE TOM3 KICK HHC Nine-channel snake cable KICK 1. Insert the mini plugs* at one end of the nine-channel snake cable (!6) into the correct trigger input jacks (SNARE to KICK/PAD) on the right side of the drum module. (*: The smaller set of plugs.) **NOTE** The sticker on each of the snake cable's plugs indicates the name of the corresponding pad. 3. Wrap the cables for the snare pad, the tom pads, and the cymbal/hi-hat pads around the cable clips to prevent them from being pulled out.

NOTICE Excessive bending can damage the cables. Ensure, therefore, that they are not bent at an extreme angle when wrapped around the clips. 2. Insert the nine-channel snake cable's standard plugs* into the jacks in the corresponding pads. (*: The larger set of plugs.) 4. Using the cable bands (!8), secure the cables to the kit rack at the positions in the figure above. Congratulations—You have finished assembling your electronic drum kit! 18

DTX400K/DTX430K/DTX450K Owner's Manual Setup Setting Up for Sound Connecting the Power 1. 2. 3.

Ensure that your drum module is turned off (i.e., none of the buttons are lit). Insert the power adaptor's DC plug into the [] connector on the left side of the module. Hook the power adaptor's cord around the cord clip to prevent it from being accidentally pulled out.

Connecting Headphones or Speakers Your drum module does not have built-in speakers. In order to hear it, therefore, you will need to connect headphones or monitor speakers via the [PHONES/OUTPUT] standard stereo-audio jack. You can adjust the output volume using the [VOLUME] buttons on the control panel. **NOTE** The [PHONES/OUTPUT] jack is a stereo connector. You can connect a 1/4" mono-audio jack to it, but in such a case, please be sure to set the output to mono using the Stereo/Mono parameter from Menu Mode (page 53).

CAUTION To prevent hearing loss, avoid using headphones at a high volume for extended periods of time. Cord clip Power adaptor's cord Connecting a Music Player You can connect a portable music player or another similar source of audio to your drum module via the [AUX IN] (auxiliary input) stereo mini-jack. This makes it possible to play along with your favorite tunes. **NOTICE** • Whenever connecting other devices, ensure that the cables you use have plugs that match the input or output connectors on those devices. • Before making connections, furthermore, you should also turn the volume on the other devices fully down. • When all connections have been made, use each device's volume controller to balance its output with that of the drum module. **CAUTION** Excessive bending can damage the power adaptor cord and create a fire hazard. Ensure, therefore, that the power cord is not bent at an extreme angle when wrapped around the clip. 4. Plug the power adaptor's AC power cord into an AC wall socket or another electrical outlet.

WARNING Use only the power adaptor that came with your drum module. 1/8" stereo-mini to stereo-mini cable or Standard 1/4" stereo-audio jack Portable music player, etc. Standard 1/4" mono-audio jack Headphones Powered speakers DTX400K/DTX430K/DTX450K Owner's Manual 19 Setting Up for Sound Turning On the Drum Module 1. 2. If you have connected your drum module to other audio devices such as powered speakers, ensure that the volume on all other devices is turned down fully. Press the [] (Standby/On) button. The drum module will turn on and its buttons will light up. **NOTICE** • In certain modes of operation, the Auto Power-Off function will not turn off the drum module when the set time has elapsed. We recommend, therefore, that you always turn off the drum module manually when you are finished using it. • If you expect the drum module to be inactive for a certain length of time while connected to other audio equipment, we recommend that you turn the volume on the other equipment fully down.

Alternatively, you can disable the Auto Power-Off function to ensure that the drum module stays on. **NOTE** • Settings for the Auto Power-Off function do not represent exact times and there may be some variation. • By default, the Auto Power-Off time is set to 30 minutes. □ Quickly disabling Auto Power-Off Turning Off the Drum Module 1. 2.

If you have connected your drum module to other audio equipment, ensure that the volume on all other devices is turned down fully. Press the [] (Standby/On) button. The drum module will turn off and all button lights will go out. To quickly disable the Auto Power-Off function, turn on the drum module while holding down the [TRAINING] button. The function will remain off until you set a new Auto Power-Off time.

Hold **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.



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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. **NOTICE** The drum module automatically stores all current settings before it turns off. For this reason, please do not unplug the power adaptor until all button lights have gone out. Restoring the Default Settings (Factory Set) Straight out of the box, your drum module already contains a wide range of pre-programmed drum kits and songs. These default settings—collectively known as the Factory Set—can be conveniently restored at any time if you have accidentally overwritten them or wish to delete all of your own settings. To do so, use the Factory Set function as follows. **NOTICE** When you restore the Factory Set as described below, any changes you have made to parameters will be lost.

Before proceeding, therefore, you should ensure that they contain no irreplaceable settings. **Auto Power-Off** The Auto Power-Off function automatically turns off the drum module after a certain period of inactivity. This helps to save energy should you forget to turn it off yourself. **NOTE** The drum module automatically stores all current settings before it turns off. 1. 2. Press the [] (Standby/On) button and verify that the drum module turns off. Turn on the drum module while holding down the [VOLUME+] button and the [VOLUME-] button. Hold [] Setting the Auto Power-Off Function You can set the amount of time that the Auto Power-Off function will wait before turning off the drum module. For details, see the description of the Auto Power-Off Time parameter from Menu Mode (page 53).

The drum module's lights will flash and the Factory Set will be restored. 20 DTX400K/DTX430K/DTX450K Owner's Manual Setup Component Names & Functions z x n c v b m , . / Control Panel z Number buttons • These buttons are used to select drum kits, songs, and training types. (pages 23, 25, 29) • You can use them to enter a tempo directly. (page 28) • In Menu Mode, they are used to select settings. (page 40) • Also in Menu Mode, you can use them to enter setting values directly. (page 40) b[] button • Using this button, you can start and stop songs. (page 25) • In Training Mode, it is also used to start and stop training sessions. (page 29) n[] (Standby/On) button (page 20) Use this button to turn the drum module on and off. x [KIT] button (page 23) Use this button when you want to select a different drum kit. m [TRAINING] button (page 29) This button is used to access Training Mode. , [DRUM MUTE] button (page 25) Using this button, you can mute and unmute drum parts from a practice drum pattern. c [SONG] button (page 25) Use this button when you want to select a different song. v [] (metronome) button (page 27) . [TEMPO] buttons (page 28) Use these buttons to increase or decrease the tempo in steps of one BPM. *: In Menu Mode, the [TEMPO] buttons can also be used to increase or decrease settings. • This button is used to start and stop the built-in metronome. • In Training Mode, it is also used to start and stop training sessions. / [VOLUME] buttons (page 19) These buttons are used to adjust the overall volume of the drum module. Press the [VOLUME+] button to increase it and the [VOLUME-] button to decrease it.

DTX400K/DTX430K/DTX450K Owner's Manual 21 Component Names & Functions □ Left side 1/2/3/4/5 □ Right side Control panel 6/7/8 Left Side 1 [USB TO HOST] terminal (page 57) This terminal is used to connect the drum module to a computer via a USB cable. Right Side 6 Trigger input jacks (page 18) These jacks are used to connect the snare, tom, and cymbal pads. 2 [AUX IN] jack (page 19) The Auxiliary Input stereo mini-jack is used to input audio from an external source. For example, you can use this jack to connect a portable music player, a CD player, or another similar device and play along with your favorite tunes. 7 [HI-HAT CTL] jack (page 18) The Hi-hat Control jack is used to connect a hi-hat controller. 8 [KICK/PAD] jack (page 18) Use this jack to connect a kick pad or pedal. When using a KP65 Kick Pad, an additional pad can be connected via the kick pad itself. 3 [PHONES/OUTPUT] jack (page 19) Use this standard stereo-audio jack to connect headphones, an amplifier, a mixer, or other similar equipment. 4 Cord clip (page 19) Wrap the power adaptor cord around this clip to prevent accidental unplugging during use. 5 [] connector (page 19) Use this connector for the power adaptor that came with your drum module.

22 DTX400K/DTX430K/DTX450K Owner's Manual Basic Techniques Selecting & Playing a Kit Basic Techniques For the purpose of this manual, the term "kit" refers to a full set of drum-sound assignments for all of the pads. The drum module comes with ten different drum and percussion kits already set up. Selecting a Kit 1. 2. Press the [KIT] button to activate Kit Mode.

Select a kit by pressing the corresponding number button ([1] to [10/0]). Adjusting Kit Sensitivity Using the following procedure, you can change the sensitivity of a kit—that is, how the drum sounds change depending on how hard you strike the pads. Sensitivity can be adjusted to ten different levels. While holding the [KIT] button, press either the [VOLUME+] or [VOLUME-] button. More sensitive pads 2 1 3.

Play the pads and see how the kit sounds. **NOTE** For detailed information on the ten preset kits, see the Data List section (page 60). Hold Less sensitive pads • Each time you press the [VOLUME+] button, you increase the sensitivity by one level. This means that louder sounds can be more easily produced with softer drumming. • Each time you press the [VOLUME-] button, you decrease the sensitivity by one level. This means that louder sounds can only be produced by drumming hard. More sensitive pads Quick select from Song Mode or Training Mode In order to select a kit quickly without having to leave Song Mode or Training Mode, press and hold the [KIT] button, and then press the number button ([1] to [10/0]) for the desired kit. Less sensitive pads Hold **NOTE** • You can set a different sensitivity for each of the drum module's ten kits. • If you wish to set sensitivities on an individual pad basis, see the descriptions of the Trigger Settings parameters from Menu Mode (page 46). DTX400K/DTX430K/DTX450K Owner's Manual 23 Basic Techniques Playing Techniques Snare Pad If using a TP70S Snare Pad, you will be able to produce three distinct sounds (i.

e., head, open rim, and closed rim) depending on where you strike it, much the same as if you were playing an acoustic snare. Closed rim shots (Rim 2) Hi-hat Cymbal □ Open/close • You can produce an open hi-hat sound by striking the hi-hat pad with the hi-hat controller's pedal not depressed.



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• You can produce a closed hi-hat sound by striking the hi-hat pad with the hi-hat controller's pedal depressed. • If using an HH65 Hi-hat Controller, you can operate the pedal to recreate the sound of a closing hi-hat. □ Foot closed Open rim shots (Rim 1) Head shots You can depress the hi-hat controller's pedal to create a foot-close sound without having to strike the hi-hat pad. □ Hi-hat splash □ Head shots Hitting the main surface of the pad produces a head shot sound. Depressing the hi-hat controller's pedal and then immediately releasing it produces a hi-hat splash sound. □ Open rim shots Hitting the open-rim zone produces an open rim-shot sound. □ Closed rim shots (cross sticking) Hitting the closed-rim zone produces a closed rim-shot sound.

24 DTX400K/DTX430K/DTX450K Owner's Manual Basic Techniques Performing with a Song The drum module comes complete with ten practice songs.

Covering a wide range of genres, they provide a convenient, enjoyable way to practice drumming. Selecting a Song 1. 2. 3.

Press the [SONG] button. Press the [] button to start the current song. If you wish press one of the number buttons ([1] to [10/0]) to select a different one.

Adjusting the Song Volume Using the following procedure, you can set the volume of the current song to your preferred level. 1.

Press the [] button to start the song. 3 2. While holding the [SONG] button, press either the [VOLUME+] or [VOLUME-] button. Higher song volume 1 ton once again. 2] but Hold Lower song volume • You can stop song playback by pressing the [] button. • If you wish to mute the programmed drum parts and hear only

the song parts, press the [DRUM MUTE] button. To unmute the drum parts, press the [DRUM MUTE] button once again. • Each time you press the [VOLUME+] button, you increase the song volume by one. • Each time you press the [VOLUME-] button, you decrease the song volume by one. • The most appropriate drum kit is pre-assigned to each of the drum module's songs, so whenever you select a new song, the current kit will also change. If you wish to use a different kit to play a certain song, please select that kit after changing the song.

For more details, see Quick select from Song Mode or Training Mode (page 23). NOTE For detailed information on the ten built-in songs, see the Data List section (page 60). Quick select from Kit Mode or Training Mode In order to select a song quickly without having to leave Kit Mode or Training Mode, press and hold the [SONG] button, and then press the number button ([1] to [10/0]) for the desired song. Hold DTX400K/DTX430K/DTX450K Owner's Manual 25

Performing with a Song Adjusting the Volume of Muted Drum Parts If you press the [DRUM MUTE] button while playing a song, the drum parts from the song will be muted—that is, their volume will be reduced to zero. If, however, you would like the drum parts to be slightly audible in this type of situation, you can adjust the muted volume as described below. Looping Part of a Song As described below, you can have a song playback between two points set in units of one measure. To do so, you simply need to set a loop start point (A) and a loop end point (B) while the song is playing. A B 1. 2. Press the [] button to start the song.

Looping playback Press the [DRUM MUTE] button to mute the drum parts. 1 1. Press the [] button to start the song. 2 3. While holding the [DRUM MUTE] button, press either the [VOLUME+] or [VOLUME-] button.

Maximum muted volume 2. At point A, press and hold the [SONG] button and press the [] button. Hold 3. Hold Minimum muted volume At point B, again press and hold the [SONG] button and press the [] button. • Each time you press the [VOLUME+] button, you increase the volume of the muted drums by one.

To stop looped playback, press and hold the [SONG] button and press the [] button. NOTE • When you select a different song, looped playback will be cancelled automatically and points A and B will be reset. • After an automatic lead-in (to help guide you into the phrase), the range from Point A to Point B is played back repeatedly. • Each time you press the [VOLUME-] button, you decrease the volume of the muted drums by one. By pressing the [DRUM MUTE] button once again, you can unmute the drum parts and restore their normal volumes. 26 DTX400K/DTX430K/DTX450K Owner's Manual Basic Techniques Using the Metronome Playing your electronic drum kit along with the built-in metronome is a great way to perfect your rhythm. Starting and Stopping the Metronome Confirming Tempo via Number Buttons Whenever necessary, you can confirm the drum module's current tempo from the flashing pattern of the number button lights. Press either the [TEMPO+] or [TEMPO-] button once. • Press the [] button to turn on the metronome.] button once again to turn it off.

Adjusting the Metronome Volume To adjust the volume of the metronome, press and hold the [] button, and then press either the [VOLUME+] or [VOLUME-] button. Higher metronome volume Each digit of the tempo will be flashed in sequence. Example: When the tempo is 108 BPM, the number button lights will flash [1][0][8]. Hold Lower metronome volume Confirming Tempo via Voice Guidance • Each time you press the [VOLUME+] button, you increase the metronome volume by one. • Each time you press the [VOLUME-] button, you decrease the metronome volume by one. Whenever necessary, you can have the drum module speak the current tempo to you as a BPM value. Press and hold the [] button. You will hear the current tempo spoken (in English), and the number button lights will flash as described above. DTX400K/DTX430K/DTX450K Owner's Manual 27 Using the Metronome Adjusting the Tempo The following three methods are available when you want to change the tempo. □ Increase or decrease using the [TEMPO+] or [TEMPO-] button □ Direct input of a BPM using the number buttons □ Setting a new tempo using pads (tap tempo) NOTE • The drum module supports tempos between 30 and 300 BPM.

• If you select a different song (page 25) after adjusting the tempo, the selected song's tempo will be used for the metronome. 2. After entering all necessary digits, remove your finger from the [] button. The drum module will speak the new tempo to you (in English). NOTE • Number button [10/0] is used to enter the value zero.

You cannot use it to enter the number ten. Example: Setting a tempo of 110 BPM Press the number buttons in the sequence [1][1][0/0]. You cannot do this by pressing [1][10/0]. • There is no need to enter a zero first in order to set a two-digit tempo. Example: To set a tempo of 72 BPM, simply press the number buttons in the sequence [7][2].

You do not need to press [0][7][2]. • Whenever the drum module is speaking the tempo, you can enter a new tempo directly using the number buttons but without having to hold down the [] button.



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.....
.....
.....
.....
.....
.....Page 37 9.
Part Mute

.....Page 38 Play as wildly as you can 10. Fast Blast ...

.....Page 39 4. To end training, press the button used to start it in Step 3. above. • To select a different kit from Training Mode, press and hold the [KIT] button, and then press the number button ([1] to [10/0]) for the desired kit.

(See Quick select from Song Mode or Training Mode on page 23.) • To select a different song from Training Mode, press and hold the [SONG] button, and then press the number button ([1] to [10/0]) for the desired song. (See Quick select from Kit Mode or Training Mode on page 25.) NOTE • If you wish to adjust the duration of training, see the description of the Timer parameter from Menu Mode (page 49). • If you wish to adjust the duration of Fast Blast training, see the description of the Fast Blast Timer parameter from Menu Mode (page 52). □ Scoring function Basic Training Mode Procedure The basic procedure common to all ten types of training is as follows. 1. 2. Press the [TRAINING] button to activate Training Mode. Select your desired training type by pressing the corresponding number button ([1] to [10/0]).

The drum module's scoring function, which is used with certain types of training, evaluates your ability on a scale of one to ten and displays the result using the number buttons ([1] to [10/0]). Number button [10/0] represents the highest score; number button [1], the lowest. In addition, the Voice Guidance function announces the results of scoring using the five levels shown below. Better scores Try again Good Great Excellent Fantastic The [] and/or [] button will flash, indicating that the drum module is on standby to start training. NOTE Fast Blast training uses its own unique form of scoring.

See page 39 for more details. or NOTE • The buttons that flash at this time depend on the type of training selected. • Both the [] and [] types of training. [] buttons will flash with certain 3. Press the flashing [ing.

] or [] button to start train- or DTX400K/DTX430K/DTX450K Owner's Manual 29 Practicing in Training Mode Groove Check As an aid to improving your timing, Groove Check uses the number button lights to show how early or late you are drumming. Two different training styles are available—the first uses the metronome; the second lets you play along with a song. At the end of training, the drum module will display your score using number buttons [1] to [10/0] and will also speak it to you. 2 1 1. 2. 3. Press the [TRAINING] button to activate Training Mode. Press number button [1]. The [] and [] buttons will flash, indicating that the drum module is on standby to start training. Press either the [] or [] button when you are ready to go.

If you press the [] button, the metronome will be used for training. Alternatively, if you press the [] button, the current song will be used. Play the pads as tightly as you can along with the metronome or song. Perfect timing (both flash together) Struck late 3 3 □ Display of individual strikes • The number buttons ([1] to [10/0]) will flash to indicate the accuracy of the timing of individual strikes. • If number buttons [5] and [6] flash together, your timing for the current strike was perfect. • Number buttons [6] to [10/0] indicate that the current strike was late. The further from the [5] and [6] number buttons, the later the strike. • Number buttons [5] to [1] indicate that the current strike was early. The further from the [5] and [6] number buttons, the earlier the strike. □ Display of current timing variation • Half-lit number buttons ([1] to [10/0]) indicate how tightly you are currently playing.

4. Struck early • The wider the band of half-lit number buttons, the greater the degree of variation in your timing. Range of timing variation (half-lit) 5. Timing of current strike (flashes) To end training, press the button used to start it in Step 3. above.

The drum module will display your score using number buttons [1] to [10/0] and will also speak it to you (in English). For more details regarding scoring, see Scoring function (page 29). 30 DTX400K/DTX430K/DTX450K Owner's Manual Practicing in Training Mode Rhythm Gate Rhythm Gate training allows you to confirm by ear whether or not your timing is accurate. If you do not strike a pad in time, it will not produce any sound. Two different training styles are available—the first uses the metronome; the second lets you play along with a song.

At the end of training, the drum module will display your score using number buttons [1] to [10/0] and will also speak it to you. 2 5 1 1. 2. 3. Press the [TRAINING] button to activate Training Mode. Press number button [2]. The [] and [] buttons will flash, indicating that the drum module is on standby to start training. Press either the [] or [] button when you are ready to go. If you press the [] button, the metronome will be used for training. Alternatively, if you press the [] button, the current song will be used.

Play the pads as tightly as you can along with the metronome or song. The pads will only produce a sound when struck in time. In addition, the number buttons will light up as shown below during this training.



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Accurate timing (Flash when pad struck) Struck late 3 3 5. Press number buttons [2] to [9] to adjust the difficulty level (i.e., the width of the gate). Four different levels are available as shown below. The higher the difficulty level, the more accurate your timing will have to be in order to produce a sound. Press [2] or [9].

Easy 1 2 3 4 5 6 7 8 9 10/0 Press [3] or [8]. 4. 1 2 3 4 5 6 7 8 9 10/0 Difficulty level Press [4] or [7]. 1 2 3 4 5 6 7 8 9 10/0 Press [5] or [6]. Struck early 1 2 3 4 5 6 7 8 9 10/0 Hard Difficulty level (gate width; half-lit) Timing of current strike (flashes) No sound produced for pads struck outside the gate width. No sound produced for pads struck outside the gate width. NOTE Number buttons [1] and [10/0] are not used with this type of training. 6. To end training, press the button used to start it in Step 3. above.

Your score will be displayed using number buttons [1] to [10/0] and will also be spoken to you (in English). For more details regarding scoring, see Scoring function (page 29). DTX400K/DTX430K/DTX450K Owner's Manual 31 Practicing in Training Mode Measure Break With Measure Break training, the metronome will be muted for certain measures in a sequence. For example, by setting the measures during which you play fills to be muted in this way, you can check for any deviation in your timing when the metronome returns. This will help you to play at a constant tempo throughout your performances. Please note that this type of training is not scored. 2 4 1 1. 2. 3. Press the [TRAINING] button to activate Training Mode.

Press number button [3]. @@ Press the [] button. The metronome will start to play a sequence of four measures in length. 3,6 4. If necessary, press the number buttons corresponding to the measures in the sequence to toggle the metronome on (fully-lit) or off (half-lit) for them. Flash: First beat of measure currently being played. Fully-lit: Measures for which the metronome is played. Half-lit: Measures for which the metronome is not played. • Each of the number buttons represents a measure in the sequence. • On the first beat of each measure, the corresponding number button will flash.

5. 6. Practice playing the pads along with the song. To end training, press the [] button once again. NOTE You can also change the number of measures in the metronome sequence.

To do so, press and hold the corresponding number button ([2] to [10/0]) until the displayed sequence length changes. For example, to set the sequence length to eight measures, press and hold number button [8]. 32 DTX400K/DTX430K/DTX450K Owner's Manual Practicing in Training Mode Tempo Up/Down Use Tempo Up/Down training to see how fast you can go and still maintain accurate timing. As you play along with a metronome, the drum module will automatically increase the tempo if your timing is good and decrease it if not. Please note that this type of training is not scored.

If you would like to check or adjust the current tempo before you start training, see Using the Metronome (page 27). 2 1 1. 2. 3. 4. Press the [TRAINING] button to activate Training Mode. Press number button [4]. @@ Press the [] button. The metronome will start playing. Focusing on accurate timing, play the pads along with the metronome.

The half-lit number buttons indicate how much time remains before the end of the current four measures. The drum module will evaluate your timing after every four measures. 3,5 • If your timing was not accurate during the four measures, the drum module will automatically decrease the metronome's tempo and the number-button lights will scan quickly once from right to left. • Continue to play along with the metronome as the tempo changes each four measures. 5.

To end training, press the [] button once again. • If your timing was accurate during the four measures, the drum module will automatically increase the metronome's tempo and the number-button lights will scan quickly once from left to right. NOTE • If you wish to adjust the difficulty level for this training, see the description of the Difficulty Level parameter from Menu Mode (page 50). • This training can be set either to mute pads when they are not played in time or to play pads whenever they are struck. DTX400K/DTX430K/DTX450K Owner's Manual 33 Practicing in Training Mode Change Up In Change Up training, your aim is to maintain good timing as you play along with up to seven different practice rhythms that change every two measures.

The rhythms are assigned to number buttons [1] to [7], allowing you to freely choose which ones you want to practice with. At the end of training, the drum module will display your score using number buttons [1] to [10/0] and will also speak it to you. 2 4 1 1. 2. 3.

Press the [TRAINING] button to activate Training Mode. Press number button [5]. @@ Press the [] button when you are ready to go. 3,6 5 5. Focusing on accurate timing, play the practice rhythm on the pads.

• To adjust the volume of the practice rhythm, press and hold the [SONG] button, and then press either the [VOLUME+] or [VOLUME-] button. • To mute the practice rhythm and play along with only the metronome, press the [DRUM MUTE] button. • A practice rhythm and the metronome will start to play, and the practice rhythm will change after every two measures. • To unmute the practice rhythm, press the [DRUM MUTE] button once again. 4. Press number buttons [1] to [7] to select the rhythms to practice with. 6. • When a number button is fully lit, the corresponding rhythm will be included in the practice session. • When a number button is half lit, the corresponding rhythm will be skipped as you practice. To end training, press the [] button once again.

The drum module will display your score using number buttons [1] to [10/0] and will also speak it to you (in English). For more details regarding scoring, see Scoring function (page 29). NOTE • You can also press the [] button to end training. • The number buttons will flash to indicate which rhythm you should be playing. • If you wish to adjust the difficulty level for this training, see the description of the Difficulty Level parameter from Menu Mode (page 50). • This training can be set either to mute pads when they are not played in time or to play pads whenever they are struck. @@ • You can also change the number of measures for which each practice rhythm is repeated by pressing number button [10/0]. When this button is half lit, each rhythm will be played for four measures before changing; when fully lit, the rhythm will be played for one measure; and when not lit, it will be played for two measures. 3 3 6 Fully-lit:

Rhythm included in practice session Half-lit: Rhythm not included in practice session (i.e.

, skipped) 34 DTX400K/DTX430K/DTX450K Owner's Manual Practicing in Training Mode Easy Session Easy Session training lets you play a drum pattern along with an accompanying song simply by striking any pad(s) in time.



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