



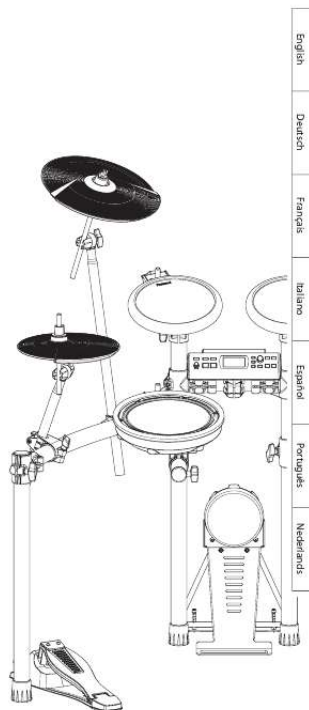
Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ROLAND TD-4. You'll find the answers to all your questions on the ROLAND TD-4 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ROLAND TD-4
User guide ROLAND TD-4
Operating instructions ROLAND TD-4
Instructions for use ROLAND TD-4
Instruction manual ROLAND TD-4

Roland® 

TD-4
Owner's Manual
Bedienungsanleitung
Mode d'emploi
Manuale dell'utente
Manual del usuario
Manual do proprietário
Gebruikershandleiding



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)

<http://yourpdfguides.com/dref/3013922>

Manual abstract:

4). @@@@No part of this publication may be reproduced in any form without the written permission of ROLAND CORPORATION. 1 USING THE UNIT SAFELY Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly. Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets. The symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger. @@@@The symbol alerts the user to things that must be carried out. @@In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

002c · Do not open (or modify in any way) the unit or its AC adaptor. 008c ·

.....
.....

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

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

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

..... 003 · Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. Never install the unit in any of the following locations.

· Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are · Damp (e.g., baths, washrooms, on wet floors); or are · Exposed to steam or smoke; or are · Subject to salt exposure; or are · Humid; or are · Exposed to rain; or are · Dusty or sandy; or are · Subject to high levels of vibration and shakiness.

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock. Use only the attached power-supply cord. Also, the supplied power cord must not be used with any other device.

Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits.

Damaged cords are fire and shock hazards! This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period 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 immediately stop using the unit, and consult an audiologist. Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit. .

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

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

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

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

..... 008e ·

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

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

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

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

. 004

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

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

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

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

. 009

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

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

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

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

. 010 . ..

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

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

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

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

..... 005 · This unit should be used only with a stand that is recommended by Roland.

When using the unit with a stand recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.

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

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

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

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

..... 011 ..

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

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

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

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

.... 006 ·

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

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

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

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

.....

.....
..... 013 .

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

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

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

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

..... 103b · *In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. Protect the unit from strong impact. (Do not drop it!) · ...*

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

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

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

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

... 014 Français ·

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

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

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

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

..... 015 .

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

104 · Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords--the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through. Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. · Italiano ·

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

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

..... 107c ·· Never handle the AC adaptor or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit. Before moving the unit, disconnect the AC adaptor and all cords coming from external devices. Español .

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

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

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

..... 108b

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

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

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

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

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

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

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

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

This (TD-4) for use only with Roland stand MDS series. Use with other stands is capable of resulting in instability causing possible injury. · Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet. Nederlands ..

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

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

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

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

.... 118c

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

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

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

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

101c · · Keep any caps and wing bolts you may remove in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.

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

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

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

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

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

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

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

... 3 **IMPORTANT NOTES** Power Supply 301 Repairs and Data 452 · Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet. The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern. Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damlow it to stand for several hours, until the condensation has completely evaporated. 558a · 352a · · 352b 558c · 354a · 559a · 355b · 562 · Maintenance 401a 985 · · For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, nonabrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth. Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation. · 402 · 4 Contents USING THE UNIT SAFELY.....

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

2 **IMPORTANT NOTES**

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

.... 4 Panel Descriptions

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

..... 6 Front Panel .

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

..... 17 Quick Recording and Playback (QUICK REC)...

.....
.....

. 17 Recording

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

.....
.....

.... 17 Playback.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... 18 Using Time Check to Check Your Recorded Performance . 18 Portuguese Other Settings

.....

.....

.....

.....

.....41 MIDI Settings ...

.....

.....

.....

.....

.....

.....

.....

.....

41 MIDI-related Settings

.....

.....

.....

.....

.....

.....

.....

..... 41 Practicing in Coach Mode

.....

.....

.....

.....

19 Selecting a Practice Menu

.....

.....

.....

.....

.....

.. 19 <1> WARM UPS..

.....

.....

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

.... 20 <2> Correctly Playing in Time with the Beat (TIME CHECK).....
.. 22 <3> Continuing to play at a steady tempo (TEMPO CHECK)...
... 23 <4> Developing Internal Timing Sense (QUIET COUNT)..

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

.. 24 <5> Gradually raising and lowering the tempo (AUTO UP/DOWN)..... 26 Detailed Settings for Trigger Parameters...

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

.. 42 Protecting Modified Kits and Settings (Edit Lock)

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

..... 45 Nederlands Troubleshooting

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

...46 Error Messages ..

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

...48 Drum Kit/Instrument List

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

.49 MIDI Implementation Chart

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

.....51 Specifications

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

..52 Index ...

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

...53 5 Panel Descriptions Front Panel fig.FrontP.

eps 7 9 11 12 1 2 3 1. 2. [POWER] button Turns the power on/off (p. 10). 5 4 6 9.

[-/+] dial 8 10 13 14 Use this dial to edit a value. Use this to adjust a value. Turning the dial toward "+" will increase the value, and turning it toward "-" will decrease the value. [VOLUME] knob Adjusts the volume from the OUTPUT and PHONES jacks (p. 10). 3. [TUNING] button Use this when you want to tune each instrumental sound (p. 15). 10. [OK] button Use this to confirm a menu item to use with the Coach function, or to confirm a value you've edited.

4. [MUFLING] button Use this when you want to muffle (mute) each instrumental sound (p. 15). 11. [COACH] button Press this when you want to use the Coach function (p. 19). 12. [] (Metronome) button [] (Rec) button [] (Play/Stop) button 5. DRUM KIT [<] [>] buttons Use these to switch drum kits (p. 12). You'll also use these buttons to return to the drum kit screen from other screens (except during recording/playback). This turns the metronome on (sounding) or off (silent) (p. 17). 13. QUICK REC [] 14.

QUICK REC [] Use this to record your playing (p. 17). 6. Display During performance, this shows the drum kit name and other information. During editing, this shows the contents of the settings.

Play back what you recorded (p. 18). The backlight will automatically dim when no panel operations have been performed for a certain period of time. With some buttons, a sound is produced when you press them. If you want, you can turn off this sound (p. 37). 7. [MENU] button Use this when you want to make various settings for the TD4, such as editing the settings of a drum kit or adjusting the pads. 8. SEL [] [] button Use this to select a menu item when using the Coach function, or to select parameters when making various settings for the TD-4.

6 Panel Descriptions Side Panel fig.SideP.eps 15 16 17 English Deutsch 15. MIDI OUT connector Use this when you want to use the pads to play external MIDI sound sources or for recording with sequencers (p. 41). 16. MIX IN jack For connecting an external audio source such as MP3 or CD players (p. 16). All sound input here is also sent from the OUTPUT and PHONES jacks. Français * To adjust the volume, use the controls of the external device connected to MIX IN.

17. PHONES jack For connecting stereo headphones (p. 9). Using the headphone jack will not mute the main OUTPUT jacks. Italiano Rear Panel fig. RearP.eps Bottom Panel fig.BottomP.eps 18 19 20 21 22 Español Português 18. DC IN jack Connect the included AC adaptor here (p. 9). 19. TRIGGER INPUT connector Netherlands Connecting the special cable connects the pads and pedals to the TD-4 (p. 8). 21. Sound module mounting plate attachment holes Attach the included sound module mounting plate here so that you can attach the TD-4 to your drum stand. 20. OUTPUT jacks (L/MONO, R) All sounds of the TD-4 are output here. Use for connecting to an amp or other external audio equipment. If you're working in mono, only use the L/MONO jack.

22. Security Slot () <http://www.kensington.com/> 7 Getting Ready to Play Mounting the TD-4 on the Stand 1. Attach the included sound module mounting plate to the TD-4. Use the included wing bolts to attach the plate as shown in the illustration. * Use only the included wing bolts. Using any other nuts may cause malfunction. * You must use the TD-4 with the sound module mounting plate installed. fig.

H-mounting.eps fig.Connect-cable.eps Labels indicating the pad to be connected are attached to the cable. Connect the pads and pedals as shown in the illustration.

fig.Trig-Plug.eps CR1 RD T2 TD-4 T1 SNR HH T3 · When turning the unit upside-down, get a bunch of newspapers or magazines, and place them under the four corners or at both ends to prevent damage to the buttons and controls. Also, you should try to orient the unit so no buttons or controls get damaged.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)
<http://yourpdfguides.com/dref/3013922>

· When turning the unit upside-down, handle with care to avoid dropping it, or allowing it to fall or tip over.

CR2 KIK HHC 2. Attach the TD-4 (with the sound module mounting plate installed) to your drum stand (such as the MDS-4; available separately). Connect the included cable to the TD-4's TRIGGER INPUT connector, and connect your pads and pedals. 3. · If you don't connect a pad to each of the cables, make the following settings for unconnected pads in order to prevent malfunction. · Turn the Pad Type setting OFF (p. 35). · If you're not using the CR2, leave the CR2 cable cap attached, and fasten the cable to the stand so that it does not interfere with your playing. · The included connection cables are the optimal length for when they're attached to the MDS-4. If you're using a different stand, you'll need to provide extension cables.

fig.Connector-joint.eps 8 Getting Ready to Play Connecting Your Audio Equipment fig.Connection.eps Portable Audio Player MIDI Sound Module English MIDI IN Deutsch Stereo miniature plug Français Stereo 1/4" phone plug AC Adaptor Italiano Power Cord Indicator Stereo Headphones Español To AC Outlet Português Powered Amp, etc Audio Set, etc 1. Power-off all equipment before making connections. To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making connections. 3. Connect the included AC adaptor to the DC IN jack. Place the AC adaptor so the side with the indicator (see illustration) faces upwards and the side with written information faces downwards.

* The indicator will light when you plug the AC adaptor into an AC outlet. Nederlands 2. Connect the OUTPUT jacks (L/MONO, R) to your audio system or amp. * If you're using headphones, connect them to the PHONES jack. Using the MIX IN jack allows playing along with music from a portable audio player or other external sources (p.

16). 9 Getting Ready to Play Turning the Power On/Off * Once connections have been made (p. 9), turn on the power to the connected equipment in the order specified. Doing it in the wrong order raises the risk of damage/malfunction to that equipment. fig.

P-PowerOn.eps If you don't hear any sound 3 1 Check the following points. Pad and Pedal Connections · Is the cable correctly connected to the TRIGGER INPUT connector? · Are the cables correctly connected to each pad or pedal? 1. 2. 3. Turn the [VOLUME] knob all the way to the left. Minimize the volume of the connected amp or audio system. Press the [POWER] button. * Even with the volume all the way down, you may still hear some sound when the power is switched on, but this is normal, and does not indicate a malfunction. * The TD-4 is equipped with a protection circuit and requires a brief interval (a few seconds) after powering before it will operate normally.

When Using an Amp or Audio System · Are the TD-4's OUTPUT jacks connected correctly to the input jacks of your amp/audio system? · Are the input selections and volume settings correct on that amp/audio system? · Possible problem with the connection cables themselves? · Isn't the [VOLUME] knob turned all the way to the left? · Have the input select settings of your audio system or amp been made correctly? · Is the amp or audio system volume setting correct? When using headphones Caution when Turning On the Power After you turn on the power, do NOT touch any pads or pedals until the drum kit name (the illustration below) has appeared in the display. Doing so can cause various problems. ig.d-OpenKitNo1.eps · Are your headphones plugged into PHONES jack? · Isn't the [VOLUME] knob turned all the way to the left? Turning the Power Off 1. 2. 3. Turn the volume down on the TD-4 and any connected equipment. Power-off the connected equipment. Hold down the [POWER] button until the display indicates "See you!" 4.

5. Power-on the connected amp or audio system. While hitting a pad, gradually turn the [VOLUME] knob toward the right to adjust the volume. Adjust the volume of the connected amp/ audio system to the desired level. Saving Your Settings The TD-4 does not have a specific "operation" for saving your settings. Any changes you've made will be saved when you turn off the power. * You must turn off the power by pressing the [POWER] button. 10 Getting Ready to Play Tensioning the Head of a Mesh Pad (PDX-8) BEFORE using the PDX-8 mesh pads you must adjust the tension. You can tension mesh heads the same way you do with acoustic drums. * Use a drum key to make adjustments.

English Adjusting the tension of the PDX-8 head is only for playing response and will not affect the pitch as on an acoustic drum. 1. Use the included drum key to tighten the tuning bolts. Strike the head to check the feel and response. Deutsch fig.PDX8-Adj.eps Loosen Tighten Français Italiano fig.PDX8-Bolt.eps Tighten the tuning bolts in the numerical order shown in the following illustration. If you firmly tighten a tuning bolt at one location all at once, it will be impossible to stretch the head evenly, and this may cause triggering response problems.

Español 6 1 Português 4 3 Nederlands 2 2. 5 Tension the head evenly as you test the playing feel, just as you would with an acoustic drum. Head tension may slacken with the passage of time. Readjust the tension as needed. 11 Playing Hearing What the Kits Sound Like After turning the power on, you can play the demo patterns. Here's how you can listen to the sounds by switching drum kits while playing the demo patterns. fig.P-Demo.eps 1. 2.

3. Press the [] (Play/Stop) button. The demo patterns will play. Press the DRUM KIT [<] [>] buttons to select drum kit. To stop demo pattern playback, press the [] button once again.

2 1, 3 * All rights reserved. Unauthorized use of this material for purposes other than private, personal enjoyment is a violation of applicable laws. * No data for the demo patterns that is played will be output from MIDI OUT. When you press the [] (Rec) button to start recording your performance (p. 17), the demo patterns will temporarily be erased.

The next time you turn on the power, you will again be able to play the demo patterns. Selecting a Drum Kit A drum kit is a combination of the sounds & settings for each pad and pedal, as well as ambience. fig.P-DrumKit.eps About the "DRUM KIT" screen This is the TD-4's basic screen. fig.d-KitNo1.eps D A C E 1 1. Press the DRUM KIT [<] [>] buttons to select drum kit. B A B C D E Drum kit number Drum kit name This shows the metronome tempo (p.

17). Strength of the pad strike displayed in 6 levels.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)

<http://yourpdfguides.com/dref/3013922>

This is shown if the cross-stick technique can be used with the snare (p. 29). (When Xstick Volume is anything other than OFF) fig.d-KitScreen.eps Regardless of the screen that is displayed, pressing the DRUM KIT [<] [>] buttons will access the "DRUM KIT" screen (except during recording/playback).

12 Playing Performance Techniques Pads (e.g., PDX-8, PD-8) Head Shot Hit only the head of the pad. fig.Play-Head.eps Cymbals (e.g., CY-8, CY-12R/C) Bow Shot The most common method, playing the middle area of the cymbal. fig.Play-CYBow.eps English Deutsch Head Open Rim Shot Strike the rim of the pad. fig.Play-Rim.eps Edge Shot When striking the edge with the shoulder of the stick (as shown in the figure). fig.Play-CYEdge.eps Français Edge Sensor Italiano Rim Bell Shot (CY-12R/C, CY-15R) This playing method involves striking the bell of the cymbal. Cross Stick Only strike the rim of the pad. Velocity switching "snare rim" sound, played softly produces a cross stick sound, and when played harder, produces a open rim shot sound (p. 29). fig.Play-Cross.eps * Set the Crash 2 Usage setting (p. 36) to "RIDE BELL." fig.Play-CYBell.eps Español Português Rim * Strike the bell somewhat strongly with the shoulder of the stick. Choking a Cymbal Rim * To play the cross stick, be sure that you only strike the rim of the pad. Place your hand on the head gently, otherwise this may prevent the cross stick function from working properly. Choking (pinching) the cymbal's edge with the hand immediately after hitting the cymbal will mute or choke the sound, just like with a real cymbal. The Choke function only works when you grasp in the area (where the edge sensor is) as shown in the figure. If you do otherwise, it will not work. fig.Play-Choke.eps Nederlands Roland Logo When playing cross stick, set "Xstick Volume" (p. 29) to anything other than "OFF." Edge Sensor 13 Playing Hi-Hat (CY-5) Open/Closed The hi-hat sound will change smoothly between open and closed depending on pressure applied to the hi-hat control pedal. Foot closed and foot splash sounds are possible. Hi-Hat Control Pedal FD-8 fig.FD-8.eps Bow Shot Playing the middle area of the hi-hat pad. fig.Play-VHBow.eps Open Hi-Hat Strike the hi-hat without pressing the pedal. Half Open Hi-Hat Strike the hi-hat with the pedal pressed half-way. Closed Hi-Hat Bow Strike the hi-hat with the pedal pressed. Foot Closed Edge Shot Playing the edge of the hi-hat pad with the shoulder of the stick (as shown in the figure). fig.Play-VHEdge.eps Completely press down the pedal. Foot Splash Quickly hitting the hi-hat pedal (with heel or toes) and instantly releasing it. * Connect the FD-8 to the TD-4 before turning on the power. Edge 14 Playing Quickly Tuning or Muffling You can use dedicated buttons to quickly tune or muffle the sound. When you press the button, the sound you selected will be heard. English You cannot make tuning or muffling settings for pads to which an instrument (p. 28) in the cymbal-type instrument group (HIHAT, CRASH, RIDE) is assigned. For such pads, the display will indicate "- - -" TUNING fig.P-Tuning.eps MUFFLING fig.P-Muffling.eps Deutsch 3 3 Français 1, 5 1. Press the [TUNING] button so it's lit. The TUNING screen appears. The selected pad will sound at this time. fig.d-Tuning-1.eps 1, 5 1. Press the [MUFFLING] button so it's lit. The MUFFLING screen appears. The selected pad will sound at this time. fig.d-Muffling-1.eps Italiano Español 2. Strike the pad that you want to tune. The pad you struck will blink in the screen. 2. Strike the pad that you want to muffle. The pad you struck will blink in the screen. fig.d-Tuning-2.eps fig.d-Muffling-2.eps Português 3. While striking the pad to hear the sound, turn the [+/-] dial to adjust the tuning. Value: -6000+600 A negative (-) value will lower the pitch, and a positive (+) value will raise the pitch. 3. While striking the pad to hear the sound, turn the [+/-] dial to adjust the muffling. Value: 010 Raising this value reduces the resonance and decay (length) of the sound. Nederlands 4. 5. Repeat steps 23 to adjust the tuning of each pad. When you've finished tuning, press the [TUNING] button to turn it off. 4. 5. Repeat steps 23 to adjust the muffling of each pad. When you've finished adjusting the muffling, press the [MUFFLING] button to turn it off. 15 Playing If Head/Rim Link (p. 37) is "ON," both the HEAD and the RIM settings will be edited simultaneously. In some cases, you may see an "*" in the right side of the screen; this indicates that the tuning/muffling values specified for the HEAD and the RIM are different. Playing Along with a Portable Audio Player By connecting a portable audio/CD player to the MIX IN jack you can play the TD-4 with your favorite songs. You can connect other audio devices as well. Connections Lower the volume of the TD-4 and your audio player before making connections. fig.Connect-iPod.eps Playback 1. Start the music on your portable audio player. For details on how to use your audio player, refer to its owner's manual. Portable Audio Player 2. Then adjust the volume of your portable audio player. Sounds received at the MIX IN jack are output from the OUTPUT and PHONES jacks. * Adjust the volume on the audio player to get the right balance between it and the TD-4. 3. Stereo miniature plug Adjust the volume of the TD-4. * If a connection cable has built-in resistors, the volume level of the source connected to the TD-4 (MIX IN) may be too low. If this occurs, use connection cables that do not contain resistors. 16 Practicing Playing with the Metronome fig.P-Metronome.eps Quick Recording and Playback (QUICK REC) The TD-4 provides a Quick Rec function that lets you easily record your own performance. This is a very useful practice tool, recording and then checking your drumming. English 2 1, 3 Deutsch 1. Press the [] button. The metronome starts and the screen will indicate the tempo. The button will blink in time with the metronome. fig.d-Metro.eps Whenever you turn on the power, the TD-4 is prepared for the playback of its demo patterns. After you've made a recording, if you turn off the power, the data for the recording will be erased. Then, the next time the power is switched on, the demo patterns will once again be loaded in from internal memory. Français A signal input via the MIX IN jack won't be recorded. Recording Italiano 2. Turn the [+/-] dial to adjust the tempo. Value: 40260 fig.P-QuickRec.eps 3. To turn off the metronome, press the [] to turn it off.] button Español 1, 3 Even without pressing the [] button, you can change the tempo by turning the [+/-] dial in the Drum Kit screen.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)

<http://yourpdfguides.com/dref/3013922>

* First: Please select the drum kit that you want to use for recording. You can change the way that the metronome sounds (p. 34). Portuguese 1. Press the [] (Rec) button. The [] (Rec) button will blink, and the TD-4 will enter recording-standby mode.

fig.d-Rec-1.eps Nederlands · To record along with the metronome, press the [] button to turn the metronome on, and use the [-/+] dial to adjust the tempo. 17 Practicing 2. Hit any pad/pedal and recording begins. The following screen appears. 2. To stop playback, press the [] button and the button goes dark. When playback has finished, the [] button automatically goes dark.] (Play/Stop)] (Play/Stop) fig.

d-Rec-2.eps 3. To stop recording, press the [] the button goes dark.] (Rec) button and Using Time Check to Check Your Recorded Performance You can use Coach mode's "TIME CHECK" function to check whether your recorded performance was played with accurate timing. * If you exceed the maximum recording time, recording stops automatically.

fig.d-Rec-3.eps You must play along with the metronome when recording. 1. 2.

Press the [] (Play/Stop) button so it's lit; the recorded performance will play. Press the [COACH] button. The following screen appears. Playback fig.P-QuickPlay.eps fig.d-RecCheck.eps 1, 2 1. Press the [] (Play/Stop) button so it's lit. 3.

During playback, you can change the playback tempo by turning the [-/+] dial. When you stop playback, the tempo will revert to the setting at which it was recorded. * Loop playback will automatically be selected and the metronome will turn on. The following screen appears, and playback begins. fig.d-RecPlay-1.eps To stop playback, press the [] button and the button goes dark.] (Play/Stop) * The recorded performance data is not transmitted from MIDI OUT. By holding down the [] (Play/Stop) button for about one second, you can select loop playback; the recorded performance will play repeatedly. fig.d-LoopPlay.eps Loop Playback 18 Practicing Practicing in Coach Mode The TD-4's Coach mode is a unique set of exercises specifically designed to help build speed, accuracy and stamina, as well as develop better timing skills. Throughout the Coach modes, you will discover that some of them have programmable parameters, allowing you to adapt the functions to your specific needs. English Selecting a Practice Menu fig.P-CoachMenu. eps 1 Menu Explanation Warm Ups p. 20 When you want to get warmed up before you begin practicing. Deutsch Français 2 1. 3 Time Check p. 22 Strengthens your ability to play accurate rhythms.

Tempo Check p. 23 Strengthens your ability to play at a consistent speed. Press the [COACH] button so it's lit. The Coach mode menu screen will appear. fig.d-Tr-Menu-1.eps Italiano 2. 3. Use the SEL [] [] buttons to select the desired practice menu item (shown at right). When you've selected a practice menu item, press the [OK] button.

You'll proceed to the start screen of the selected practice menu item. Quiet Count p. 24 Strengthens your ability to maintain the tempo internally. Auto Up/Down p. 26 Español Portuguese Or you can just press the [] button to immediately start practicing without calling up the start screen. Strengthens your endurance. Nederlands In the start screen of the Practice menu, you can press the [MENU] button and make settings for each menu item. 19 Practicing <1> WARM UPS In this mode you'll successively practice steps 13, be graded on your performance at each step, and then receive a final evaluation. You can choose one of three courses, ranging from easy to difficult. You can also adjust the tempo according to your level of skill.

Start practicing fig.WarmUp-1.eps Step 2: AutoUpDown The tempo will gradually be raised and lowered. The tempo will increase by 1BPM (beat-per-minute) for each beat until the metronome reaches the upper limit; then the tempo will continue slowing down by 1BPM until it reaches the initial tempo. * AutoUpDown will be executed if Duration (p.

21) is 10 MINS or 15 MINS. fig.d-WarmUp-3.eps In the WARM UPS start screen, press the [] button to start practicing.] After you've started WARM UPS, you can press the [] button to pause the WARM UPS.

fig.WarmUp-6.eps] Tempo lower limit Tempo upper limit * The current tempo value will be the lower tempo limit. While practicing, you can press the SEL [] button to specify the current tempo as the upper limit; if you press the To resume practicing, press the [] Here you can press the SEL [] previous step, or press the SEL [] next step.] button once again. SEL [] button, the upper tempo limit will return to 260. If you're finished with WARM UPS, press the [OK] button.] button to move to the] button to move to the Step 3: TimeCheck At this step, the accuracy of your playing will be checked against the metronome. You can see in the screen if you are ahead, behind or on the beat. fig.

WarmUp-4.eps You can turn the [-/+] dial to adjust the tempo even while practicing. Step 1: Change-up In this step, the rhythm type will change every two measures. Starting from half notes, the note values will gradually become shorter, and will then return to half notes; this change in rhythms will be repeated. fig.WarmUp-2.eps Lagging Correct Rushing Overall evaluation This grades your performance at each step, and displays the overall evaluation.

fig.WarmUp-5.eps Remaining time Current note value Evaluation (display) EXCELLENT!, VERY GOOD!, GOOD, AVERAGE, START OVER 20 Practicing When you've finished practicing Press the [OK] button to return to the Coach mode menu screen.

Change-up: Step 1: Selects the pattern by which the rhythm will vary during Change-up. fig.WarmUp-Op3.eps English Select a course and make settings 1. From the WARM UPS start screen, press the [MENU] button so it's lit.

Value Explanation fig.WarmUp-Op1.eps Deutsch 2. 3. 4.

Use the SEL [] parameter.] [] buttons to select a Français Turn the [-/+] dial to edit the value. Press the [MENU] button to return to the WARM UPS start screen. Duration (time selection): fig.WarmUp-Op1.eps MaxTempo: Step 2: Specifies the upper tempo limit during step 2: AutoUpDown. fig.WarmUp-Op4.eps Italiano Español Value 5 MINS 10 MINS 15 MINS Explanation Time required: 5 minutes Change-up: 2 minutes, TimeCheck: 3 minutes Time required: 10 minutes Change-up: 3 minutes, AutoUpDown: 3 minutes, TimeCheck: 4 minutes Time required: 15 minutes Change-up: 5 minutes, AutoUpDown: 5 minutes, TimeCheck: 5 minutes Value 40260 Explanation * You can also use Tap input (p. 34) to specify the tempo.

Português Tempo: This specifies the tempo. fig.WarmUp-Op5.eps Grade: Nederlands This selects how strictly you will be graded and how TimeCheck will evaluate your accuracy.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)
<http://yourpdfguides.com/dref/3013922>

fig.WarmUp-Op2.eps Value 40260 Value EASY HARD Explanation Normal setting Grading (evaluation) will be stricter. Explanation * You can also use Tap input (p. 34) to specify the tempo. 21 Practicing <2> Correctly Playing in Time with the Beat (TIME CHECK) This mode lets you practice playing accurately along with the metronome.

Start practicing fig.TimeCheck-1.eps Settings 1. In the TIME CHECK start screen, press the [MENU] button so it's lit. fig. TimeCheck-Op1.eps 1. In the TIME CHECK start screen, press the [] button to start practicing.] 2. Use the SEL[parameter.

][] buttons to select a You can use the [-/+] dial to adjust the tempo even while you practice. 3. 4. Use the [-/+] dial to edit the value. Press the [MENU] button to return to the TIME CHECK start screen. 2. Strike the pad in time with the metronome. fig.TimeCheck-2.eps Score: Specifies whether the score will be shown in the screen.

fig.TimeCheck-Op1.eps Lagging Rushing · The screen will indicate whether your pad strikes match the beat sounded by the metronome. · The percentage of your strikes that were played with accurate timing is displayed as a "%" value. Scoring If Score (shown at right) is "ON," the Time Check will automatically end when you've finished practicing the specified number of measures. Then your performance will be scored, and the results will appear in the screen.

fig.TimeCheck-Op4.eps Value OFF ON (4, 8, 16, 32 meas) Explanation Your performance will not be scored. Only the timing will be checked. The score will be shown in the screen. You can also specify the number of measures you'll practice before being scored. Grade: Specifies the strictness of scoring. fig.TimeCheck-Op2.

eps When you've finished practicing 3. Press the [OK] button to return to the Coach mode menu screen. Value EASY HARD Explanation Normal Timing will be checked more strictly. 22 Practicing Tempo: Specifies the tempo. fig.

TimeCheck-Op5.eps English Value 40260 Explanation * You can also set the tempo by using Tap input (p. 34). Deutsch <3> Continuing to play at a steady tempo (TEMPO CHECK) This mode lets you practice playing at a steady tempo without relying on the tempo sounded by the metronome. Français Start practicing fig.TempoKeep-1.eps fig.TempoKeep-3.eps Significant inaccuracy Italiano 1. In the TEMPO CHECK start screen, press the [] button to start practicing.

] Moderate inaccuracy fig.TempoKeep-2.eps Español Slight inaccuracy Português You can turn the [-/+] dial to adjust the tempo even while you're practicing. 2. Strike the pads in time with the metronome. Strike the pads at a constant tempo. · The more your tempo becomes accurate, the softer the metronome volume will become. · The metronome volume will increase if the tempo of your pad strikes begins to drift. The more your tempo drifts, the louder the metronome will become. Strike the pads with an accurate timing that matches the tempo of the metronome.

Perfect timing · The accuracy of your striking tempo is shown as a "%" value. Nederlands When you've finished practicing 3. Press the [OK] button to return to the Coach mode menu screen. If the tempo of your strikes is significantly inaccurate, it may be impossible to precisely determine the amount of inaccuracy.

23 Practicing Settings 1.

In the TEMPO CHECK start screen, press the [MENU] button so it's lit. Grade: Specifies the strictness with which your tempo will be graded. fig.TempoKeep-Op2.eps fig.

TempoKeep-Op2.eps 2. 3. 4. Use the SEL[parameter.][] buttons to select a Value EASY HARD Explanation Normal Your tempo will be graded more strictly. Use the [-/+] dial to edit the value. Press the [MENU] button to return to the TEMPO CHECK start screen. Tempo: Specifies the tempo. fig.

TempoKeep-Op3.eps Value 40260 Explanation * You can also set the tempo by using Tap input (p. 34). <4> Developing Internal Timing Sense (QUIET COUNT) This mode will help you develop a good sense of time/tempo. The metronome will alternate between "sounding and quiet" at selected intervals (see p. 25). The selected cycle will repeat until you press the [] button to stop. · The metronome will sound during the first few measures. When you reach the last measure during which the metronome will sound, the screen will indicate "Ready." fig.

Quiet-2.eps Start practicing fig.Quiet-1.eps 1. 2.

In the QUIET COUNT start screen, press the [] button to start practicing. Strike the pads in time with the metronome.] · When the metronome stops sounding, the screen indication will change to "Quiet." Continue striking the pads during this time. fig.

d-Quiet-3.eps You can turn the [-/+] dial to adjust the tempo even while you're practicing. 24 Practicing · The "%" value indicates the percentage by which you played at an accurate tempo during the "Quiet" indication. fig.d-Quiet-4.eps Quiet: Of the measures specified by "Meas," this setting specifies the length of the measures that will be "Quiet." fig.Quiet-Op2.eps English 3. Repeat step 2 to continue practicing.

Value Explanation The length of the Quiet interval will randomly change each time. Specifies the length (number of measures) of the Quiet interval. * This setting cannot be longer than half of the Measures value. Deutsch When you've finished practicing 4. Press the [OK] button to return to the Coach mode menu screen. RANDOM 1, 2, 4 Français Tempo: Settings 1. In the QUIET COUNT start screen, press the [MENU] button so it's lit. Specifies the tempo. fig.Quiet-Op3.

eps fig.Quiet-Op1.eps Italiano Value 40260 2. 3. 4.

Use the SEL[parameter.][] buttons to select a Explanation * You can also set the tempo by using Tap input (p. 34). Español Use the [-/+] dial to edit the value. Press the [MENU] button to return to the QUIET COUNT start screen.

Português Measures: Specify the length (measures) of the interval for which the metronome will alternate between "sounding" and "quiet." fig.Quiet-Op1.eps Nederlands Value 2, 4, 8, 16 (Measures) 25 Practicing <5> Gradually raising and lowering the tempo (AUTO UP/DOWN) The metronome increases and decreases tempo over time, to help develop stamina and endurance. Start practicing fig.d-AutoUD-1.eps 3. 4. Use the [-/+] dial to edit the value. Press the [MENU] button to return to the AUTO UP/ DOWN start screen.

Rate: Specifies the speed at which the metronome tempo will increase (decrease). fig.d-AutoUD-Op1.eps 1. In the AUTO UP/DOWN start screen, press the [] button to start practicing.] fig.d-AutoUD-2.eps Value SLOW Tempo lower limit Tempo upper limit MEDIUM 2.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)

<http://yourpdfguides.com/dref/3013922>

Lower sensitivity will keep the pad producing a low volume even when played forcefully. Nederlands Sensitivity 132 35 System Settings Screen Parameter/Value Explanation HH Pedal Sens -5+5 Adjusts the sensitivity of the "foot close" or "foot splash" sound.

Positive (+) values will produce a louder sound even when you press the pedal lightly. Xstick Adjust -9+9 Specifies the striking force at which the cross stick and open rim shot sounds are switched. Positive (+) values will play the cross stick sound even for stronger strikes. Advanced Edit Here you can adjust the pad parameters in greater detail. Refer to p. 42. Specifying How the CR2 Trigger Cable will be Used Screen Parameter/value Crash 2 Usage RIDE BELL:

The CR2 trigger cable will be used for RIDE BELL (p. 38). CRASH 2: The CR2 trigger cable will be used for CRASH2. Explanation Other Settings (OPTIONS) 1.

Press the [MENU] button so it's lit. The MENU screen appears. fig.d-KitMenu-1.eps 3.

4. 5. Use the SEL [] buttons to select the parameter that you want to edit. Use the [-/+] dial to edit the value. Press the [OK] button to return to the "MENU" screen.

2. Use the SEL [] buttons to choose "9 OPTIONS," and press the [OK] button. The Options screen appears. fig.d-Sys-Option-1.eps 36 System Settings Adjusting the Display Contrast (LCD Contrast) fig.d-Sys-Option-1.eps Restoring the Factory Settings (Factory Reset) The "Factory Reset" operation returns all settings of all pads and drum kits stored in the TD-4 to their factory-set condition. English * If you want to return an individual kit to its factory settings, execute the drum kit "Restore" operation (p. 33).

Value 110 The settings stored in the TD-4 will be lost when you execute a factory reset. Deutsch Adjusting the Brightness of the Backlight (LCD Bright) fig.d-Sys-Option-2.eps 1. In the "Options" screen, press the SEL [] button a number of times to choose "Factory Reset," and press the [OK] button. fig.d-Sys-FRst-1.eps Français Value 110 2. Adjusting the Button Operating Sound (Keypad Sound) fig.d-Sys-Option-3.

eps Use the [-/+] dial to select the settings for which you want to execute a factory reset. Italiano Value PADS SYSTEM ALL KITS ALL Explanation PAD SETTINGS parameter System Parameter (OPTIONS and PAD SETTINGS parameter) All Drum kit All of the TD-4's data Español Value OFF 13 Explanation The buttons will not produce an operating sound. Specifies the volume of the operating sound. 3. Press the SEL [] button.

A confirmation message appears. fig.d-Sys-FRst-2.eps Allowing the Head and Rim Settings to be Edited Separately (Head/Rim Link) fig.d-Sys-Option-4. epsm Português * If you decide to cancel, press the [MENU] button. 4. Press the [OK] button. The factory reset will be executed. When the factory reset is finished, the following message will appear and you will return to the DRUM KIT screen. Nederlands Value ON Explanation Head and rim (or for a cymbal, the bow and edge) settings (Instrument/Tuning/Muffling/ Pad Volume/Pan) will be edited simultaneously for SNARE, HH, CRASH, and RIDE. * If Crash 2 Usage is set to RIDE BELL, the RIDE's BELL will also be edited simultaneously. Head and rim settings will be edited separately for SNARE, HH, CRASH, and RIDE. fig.d-Sys-FRst-3.

eps OFF 37 Expanding your drum set Adding a CRASH 2 cymbal Here's an example of adding a separately sold cymbal (CY-8) to the TD-4K as "Crash Cymbal 2" (CRASH 2). fig.Expand-1.eps Using a CY-12R/C or CY-15R instead of the CY-8 cymbal Here's an example of replacing the RIDE cymbal (CY-8) with a separately sold CY-12R/C or CY-15R. fig.Expand-2.eps CY-8 CY-12R/C CY-15R MDY-10U CRASH 2 (CY-8) settings 1. 2. 3. Connect the "CR2" trigger cable.

Set the Crash 2 Usage parameter to "CRASH 2" (p. 36). As the pad type (Pad Type), select "CY-8" (p. 35). RIDE (CY-12R/C, CY-15R) settings * In this case, the Crash 2 pad cannot be connected.

1. 2. 3. 4. Connect the "RD" trigger cable to the BOW/EDGE output jack.

Connect the "CR2" trigger cable to the BOW/BELL output jack. Set the Crash 2 Usage parameter to "RIDE BELL" (p. 36). As the pad type (Pad Type), select "CY-12/15R" (p. 35). · If you select an instrument whose name is not followed by "/ B" in the instrument settings (p. 28), the sound won't switch to the bell sound even if you strongly strike the bow. 38 Expanding your drum set Using the VH-11 V Hi-hat Here's an example of using the VH-11 (sold separately) as the hi-hat. English The VH-12 is not supported. Connecting the VH-11 and Making Settings on the TD-4 Connections Deutsch fig.

VH-Connect.eps Clutch Screw Français TRIGGER OUT Jack Motion Sensor Unit CONTROL OUT Jack Connect the HHC cable You could also use the leftover CY-5 as CRASH 2. Italiano Connect the HH cable Español · Connect the "HH" trigger cable to the TRIGGER OUT jack. · Connect the "HHC" trigger cable to the CONTROL OUT jack. * For details on installing the VH-11 to the hi-hat stand, refer to the "VH-11 Owner's Manual." Português Settings 1. 2. Make sure that the VH-11 is correctly connected to the TD-4. Set up the hi-hat, take your foot off the pedal, and power-on the TD-4. Nederlands * It will be impossible to make the adjustment correctly if the hi-hat is touching the motion sensor when you turn on the power.

3. 4. Loosen the clutch screw, and allow the hi-hat to rest naturally on top of the motion sensor unit. Press the [MENU] button so it's lit. 39 Expanding your drum set 5.

Use the SEL [] buttons to choose "8 PAD SETTINGS," and press the [OK] button. The Pad Type screen will appear. VH Offset Adjustment Points If the closed hi-hat sound is difficult to attain, rotate the VH offset adjustment screw towards "CLOSE." If the open hi-hat sound is difficult to attain, rotate the screw towards "OPEN." fig.

d-Sys-Pad-1.eps 6. 7. Lightly strike the hi-hat; the screen will indicate "HH." Use the [-/+] dial to select the VH-11. If the sound cuts off when you strike the hi-hat forcefully, rotate the VH Offset adjustment screw towards "OPEN." 10. Adjust other parameters as needed. If you don't set up the VH-11 correctly, it may not operate correctly. For details, refer to the VH-11 owner's manual.

8. Press the SEL [Sens.] button to select "HH Pedal fig.d-VH11-Offset.eps 9. While you watch the meter that's shown in the lower part of the screen, turn the VH-11's VH offset adjustment screw to adjust it. Adjust the screw so that the meter indicates " " .



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)

<http://yourpdfguides.com/dref/3013922>

fig.Offset-Adj.eps Correct fig.

VH-Offset.eps VH Offset Adjustment Screw OPEN CLOSE 40 Other Settings MIDI Settings About MIDI MIDI (Musical Instrument Digital Interface) is a standard that allows performance data and other information to be exchanged among electronic musical instruments and computers. On the TD-4 you can use MIDI in the following ways. MIDI-related Settings English 1. Press the [MENU] button so it's lit.

The MENU screen appears. fig.d-KitMenu-1.eps Deutsch Use the pads to play external instruments You can layer sounds on the TD-4 as well as play sounds from MIDI sound modules and samplers. fig.

Connect-MIDI.eps 2. Use the SEL [] buttons to choose "6 MIDI," and press the [OK] button. The MIDI screen appears. Français MIDI Sound Module MIDI IN fig.d-Sys-MIDI-1.eps Italiano 3. 4. 5. Use the SEL [] buttons to choose the parameter that you want to edit.

Use the [-/+] dial to edit the value. Press the [OK] button to return to the "MENU" screen. Explanation Specifies the MIDI note numbers transmitted by the pads. To select the pad whose setting you want to edit, strike that pad. If you specify "OFF" that pad will not transmit a note message. Each kit has an individual note number settings. Español Display Parameter Value Note# 0 (C-)127 (G9), OFF Português · The note number for Xstick will be the SNARE RIM note number minus 3. · Selecting HH will specify the HH BOW/EDGE OPEN note number. · The HH BOW/EDGE CLOSE and HH FOOT CLOSE note numbers will be as follows. · HH BOW CLOSE: HH BOW OPEN note number minus 4 · HH EDGE CLOSE: HH EDGE OPEN note number minus 4 · HH FOOT CLOSE: HH BOW OPEN note number minus 2 Specifies the channel on which the MIDI message will be transmitted.

If you specify "OFF," MIDI messages will not be transmitted. Nederlands Channel OFF, 116 41 Other Settings Display Parameter Value Explanation Specifies whether program change messages will be transmitted to an external MIDI device (ON) or not transmitted (OFF). With the "ON" setting, a program number corresponding to the selected drum kit will be transmitted when you switch drum kits on the TD-4. * The program number for each drum kit is the same as the drum kit number. ProgramChg Tx OFF, ON Detailed Settings for Trigger Parameters Normally, you will not need to edit these settings, since they are automatically set to the appropriate values for the pad when you specify the pad type.

You can edit these parameters if the pad does not respond as you wish. 1. In the "Pad Settings" screen, press the SEL [] button a number of times to choose "Advanced Edit," and press the [OK] button. The "Pad Advanced" screen appears. 2.

3. 4. Use the SEL [] buttons to select the parameter that you want to edit. Use the [-/+] dial to edit the value. Press the [OK] button to return to the "MENU" screen. Display/Parameter Parameter/Value Explanation Threshold 016 This setting allows a trigger signal to be received only when the pad is above a determined dynamic level (velocity). This can be used to prevent a pad from sounding because of vibrations from other pads. fig.Threshold.eps In the following example, B will sound but A and C will not sound.

When set to a higher value, no sound is produced when the pad is struck lightly. Gradually raise the "Threshold" value while striking the pad. Check this and adjust accordingly. Repeat this process until you get the perfect setting for your playing style. Threshold A B C Curve See below This setting allows you to control the relation between playing velocity (striking force) and changes in volume. Adjust this curve until the response feels as natural as possible. LINEAR The standard setting. This produces the most natural correspondence between playing dynamics and volume change. fig.VeloC-LINEAR.

eps EXP1, EXP2 Compared to LINEAR, strong dynamics produce a greater change. fig.VeloC-EXP.eps Volume Volume Volume LINEAR Striking Force EXP1 EXP2 Striking Force 42 Other Settings Display/Parameter Parameter/Value Explanation LOUD1, LOUD2 Very little dynamic response, making it easy to maintain strong volume levels. If using drum triggers, these settings help maintain stable levels.

fig.VeloC-LOUD.eps LOG1, LOG2 Compared to LINEAR, a soft playing produces a greater change. fig.VeloC-LOG.

eps Volume Volume English Volume LOG1 LOG2 Striking Force Volume SPLINE Extreme changes are made in response to playing dynamics. fig.VeloC-SPLINE.eps LOUD1 LOUD2 Striking Force Volume SPLINE Striking Force Français Display/Parameter Parameter/Value Explanation Specifies the detection time for the trigger signal. Since the rise time of the trigger signal waveform may differ slightly depending on the characteristics of each pad or acoustic drum trigger (drum pickup), you may notice that identical hits (velocity) may produce sound at different volumes. If this occurs, you can adjust the "Scan Time" so that your way of playing can be detected more precisely. Scan Time Scan Time 0.44.0 (ms) Italiano fig.ScanTime.

eps While repeatedly hitting the pad at a constant force, gradually raise the Scan Time value from 0.4 msec, until the resulting volume stabilizes at the loudest level. At this setting, try both soft and loud strikes, and make sure that the volume changes appropriately. * As the value is set higher, the time it takes for the sound to be played increases. Set this to the lowest value possible. Español Time Retrig Cancel 116 This setting prevents spurious re-triggering. Important if you are using acoustic drum triggers. Such triggers can produce altered waveforms, which may also cause inadvertent sounding at Point A in the figure (Re-trigger). This occurs in particular at the decaying edge of the waveform. Retrig Cancel detects such distortion in and prevents re-triggering from occurring. Português fig.Retrigger.eps While repeatedly striking the pad, raise the "Retrig Cancel" value until re-triggering no longer occurs. * Although setting this to a high value prevents re-triggering, it then becomes easy for sounds to be omitted when the drums played fast (roll etc.).

Set this to the lowest value possible while still ensuring that there is no re-triggering. A Time Nederlands You can also eliminate this problem of re-triggering with the Mask Time setting. Mask Time does not detect trigger signals if they occur within the specified amount of time after the previous trigger signal was received. Re-trigger Cancel detects the attenuation of the trigger signal level, and triggers the sound after internally determining which trigger signals were actually generated when the head was struck, while weeding out the other false trigger signals that need not trigger a sound.



[You're reading an excerpt. Click here to read official ROLAND TD-4 user guide](http://yourpdfguides.com/dref/3013922)
<http://yourpdfguides.com/dref/3013922>