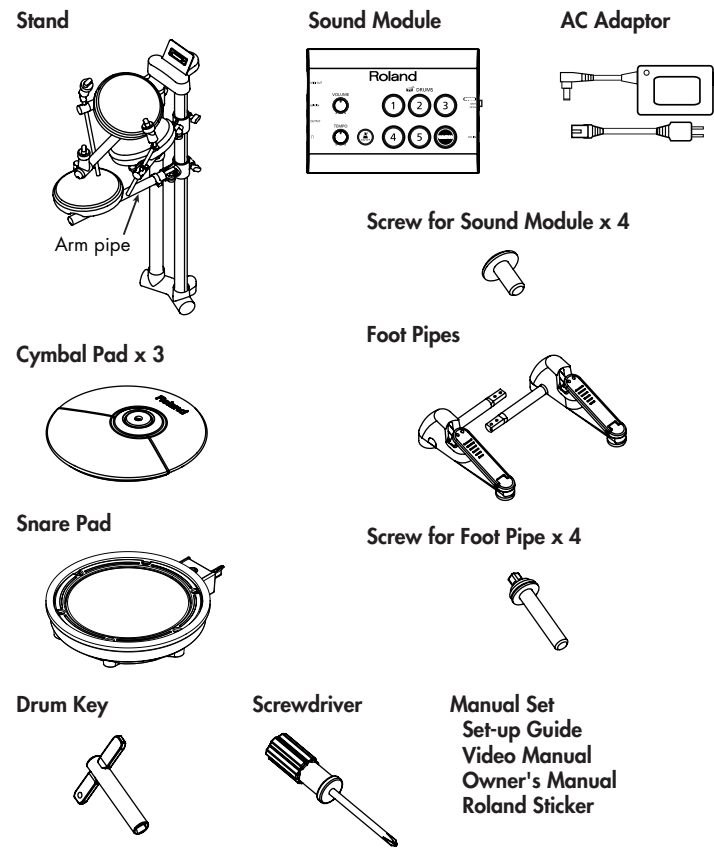


# Roland® HD-1 V-Drums Lite Set-up Guide

## Checking the package contents

Immediately after you open the package, check to see whether you have everything. If anything is missing, please contact your dealer.



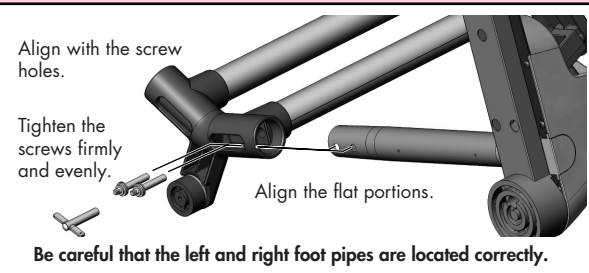
## Assembling the HD-1

When assembling the stand, take care that it does not fall over.

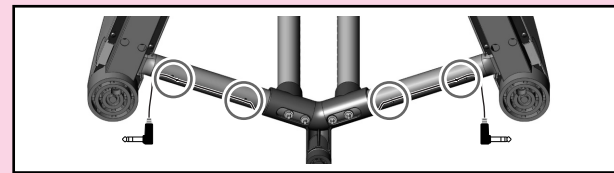
### 1 Attach the foot pipes

When fitting the pipes together, be careful not to pinch your hands!

1. Lay the stand on the floor, and attach one of the foot pipes. Do not insert your fingers or hands underneath the pedals or in the spring.
2. Flip the stand over, and attach the other foot pipe.

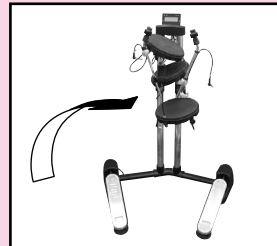


3. Use the clamp to fasten the pedal cable.



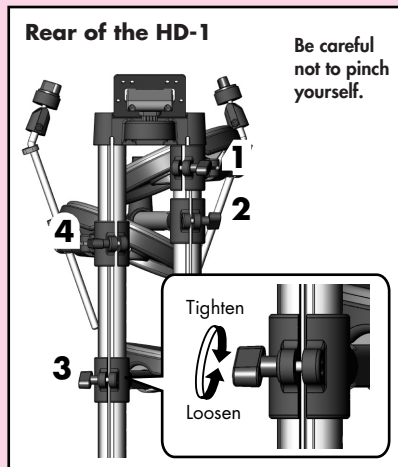
4. Set the stand upright.

Make sure the foot pipes are securely fastened to the stand. If not you risk to damage the stand or have stability problems.



### 2 Open the arms

1. Open the arm pipes in the order shown in the illustration (1, 2, 3, 4).



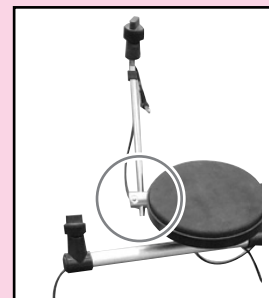
2. Use a drum key to loosen the bolts.



3. Adjust the rod height.

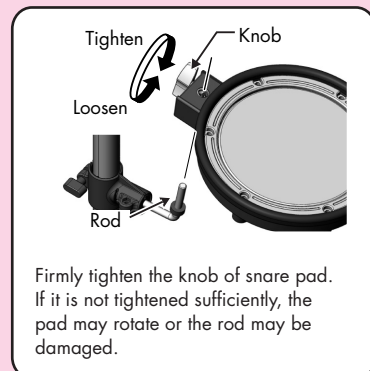
Adjust this so that it does not interfere with other pads, taking care that the rod does not come out. As the cymbal rod sticks through the pipe on the bottom side, be careful not to injure yourself.

4. Tighten the bolt to fasten securely.

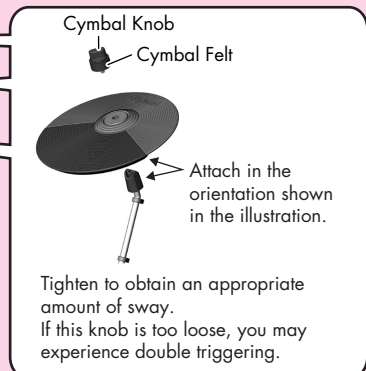


### 3 Attach the pads

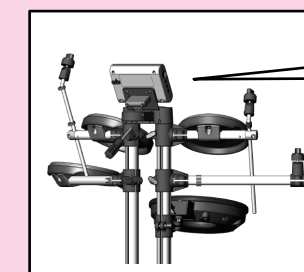
1. Attach the snare pad to the rod.



2. Attach the cymbal pad.

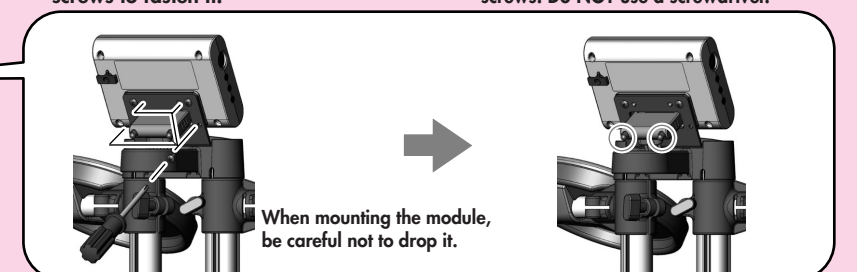


### 4 Attach the sound module



1. Place the sound module on the holder, and use the included screwdriver and screws to fasten it.

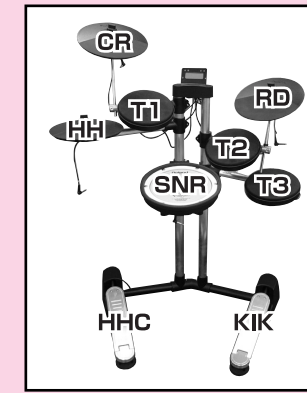
2. When attaching the cable connector to the module, use your fingers ONLY to tighten the screws. Do NOT use a screwdriver.



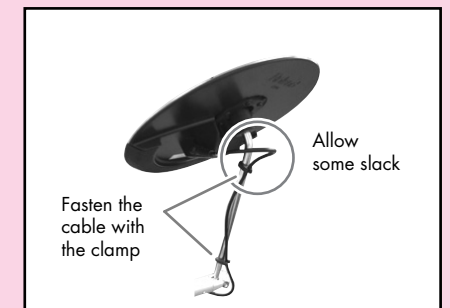
### 5 Connect the cables

1. Connect the cables to the pads and pedals.

The labels affixed to the cables indicate the pad to which they should be connected. Make connections as shown in the illustration.



2. Use the clamp to fasten the cymbal cable.



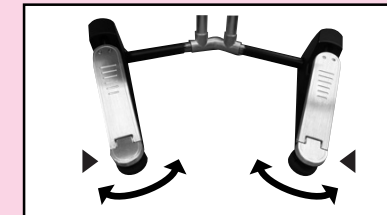
### 6 Correct any instability

If the stand wobbles because the floor is not perfectly flat, use the adjusters (three locations indicated by ▲) to adjust the height. In particular, when using the HD-1 on carpet, adjust these so that they are in firm contact with the floor.

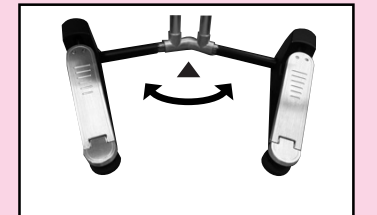


Be careful not to pinch your fingers or hands when making these adjustments.

1. For either the left pedal or right pedal, turn the adjuster clockwise (as seen from above) for the pedal that's not in firm contact with the floor.



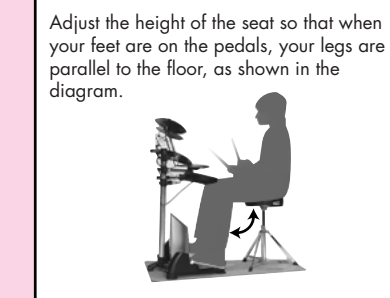
2. If the stand's vertical support is still floating even after you've adjusted the left and right height, turn the rear adjuster.



### 7 Adjusting pads and seat height

1. Seat Height

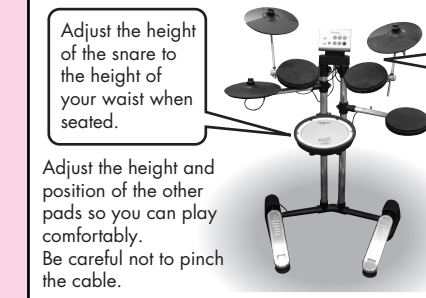
Adjust the height of the seat so that when your feet are on the pedals, your legs are parallel to the floor, as shown in the diagram.



2. Adjust the height of the pad.

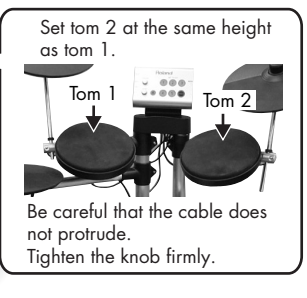
Adjust the height of the snare to the height of your waist when seated.

Adjust the height and position of the other pads so you can play comfortably. Be careful not to pinch the cable.

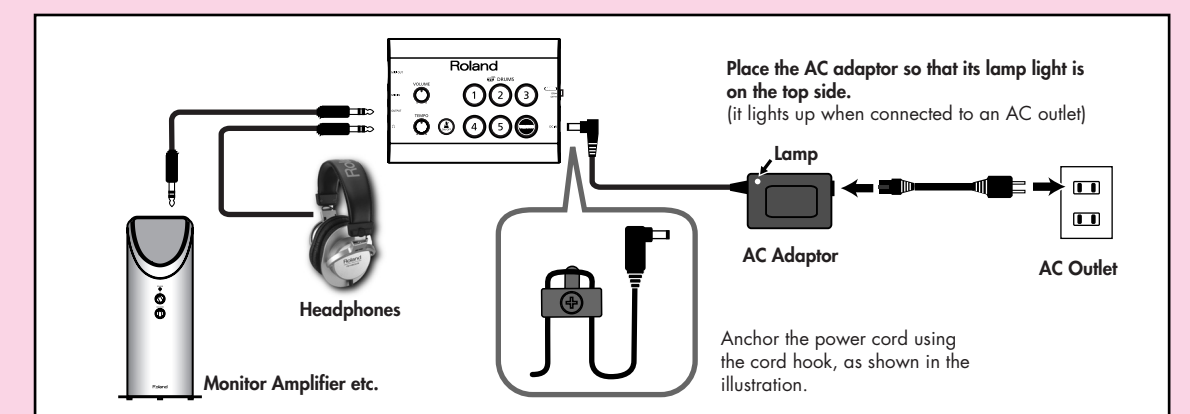


Set tom 2 at the same height as tom 1.

Be careful that the cable does not protrude. Tighten the knob firmly.







### 8 Connect the AC adaptor and amp









# USING THE UNIT SAFELY

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About  WARNING and  CAUTION Notices










 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 <b>CAUTION</b>	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.

About the Symbols









	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 items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The  symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

### ALWAYS OBSERVE THE FOLLOWING











#### WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual. 
- Do not open (or modify in any way) the unit or its AC adaptor. 
- 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 use or store the unit in places that are: 
  - 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
  - Humid; or are
  - Exposed to rain; or are
  - Dusty; or are
  - Subject to high levels of vibration.
- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces. 
- 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! 

#### WARNING

- 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.  
- Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when: 
  - The AC adaptor, the power-supply cord, or the plug has been damaged; or
  - If smoke or unusual odor occurs
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.
- 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!) 
- 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. 

#### CAUTION

- The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation. 
- Always grasp only the plug on the AC adaptor cord when plugging into, or unplugging from, an outlet or this unit. 
- At regular intervals, you should unplug the AC adaptor and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire. 
- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. 
- Never climb on top of, nor place heavy objects on the unit. 
- 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. 
- Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet (Owner's Manual p. 10). 
- Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet. 
- Small parts such as the following should be kept out of the reach of small children so that they are not swallowed accidentally. 
  - Included items
    - Sound module attachment screws
    - Foot pipe attachment screws
    - Cymbal knobs
    - Cymbal felts
    - Cable ties
  - Detachable items
    - Arm pipe attachment washers, hex nuts, and knobs
    - Pad attachment screws
    - Cymbal attachment rods and arm pipe attachment screws, hex nuts, and rubber bushings
    - Snare tuning bolts
    - Cable hooks
    - Adjusters

# IMPORTANT NOTES

In addition to the items listed under "USING THE UNIT SAFELY," please read and observe the following:

## Power Supply

- 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 damage to speakers or other devices.

## Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface. You can place a piece of felt or cloth under the rubber feet to prevent this from happening. If you do so, please make sure that the unit will not slip or move accidentally.
- If you will be using the HD-1 in the same location for an extended period, we recommend that you use an optional drum mat (TDM-1) to prevent the adjuster from discoloration to the surface

- When setting up or storing the HD-1, be careful so the fingers used to grasp the stand don't get pinched. Also, take care that the stand does not become unbalanced and fall over or fall against you.
- When moving the HD-1, check the following points first, then be sure to keep the system in the horizontal position while lifting and carrying it. Take care not to pinch your hand, or drop the system on your feet.
  - Check that the knobs and screws that fasten the pads, arm pipes, and foot pipes have not become loose. If any are loose, tighten them securely.
  - Disconnect the AC adaptor.
  - Disconnect external devices.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- This instrument is designed to minimize the extraneous sounds produced when it's played. However, since sound vibrations can be transmitted through floors and walls to a greater degree than expected, take care not to allow these sounds to become a nuisance to neighbors, especially when performing at night and when using headphones.
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.

## Maintenance

- 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, non-abrasive 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.
- The rubber portion of the striking surface is treated with a preservative to maintain its performance. With the passage of time, this preservative may appear on the surface as a white stain, or reveal how the pads were struck during product testing. This does not affect the performance or functionality of the product, and you may continue using it with confidence.

## Repairs and Data

- Please be aware that all data contained in the unit's memory may be lost when the unit is sent for repairs. Important data should always be written down on paper (when possible). During repairs, due care is taken to avoid the loss of data. However, in certain cases (such as when circuitry related to memory itself is out of order), we regret that it may not be possible to restore the data, and Roland assumes no liability concerning such loss of data.
- When operating the pedal, take care not to pinch your toes or fingers.
- Tighten the fastening screws firmly, and check that they are not loose.
- Assemble the HD-1 correctly. If the HD-1 is not assembled correctly, you will not be able to play it correctly, and you risk the danger of it falling over.
- When assembling the HD-1, take care that you do not pinch your hands.
- Take care to neatly organize the connecting cables and cords. In particular, arrange them so they are out of reach of children.

## Additional Precautions

- Stored content may be lost due to malfunctions or incorrect operation. Make a note of important settings as a precaution against accidental loss.
- The manufacturer can take no responsibility for the recovery of any memory content that may be lost, nor for any damages that may result thereby.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- Be careful not to pinch the cable where the arm pipe is attached.
- When using the HD-1, you must firmly tighten the knobs and screws. In particular, before performing, you should check to be sure that all knobs and screws are firmly tightened. If they are not tight, not only will you be unable to perform correctly, but your equipment or pads may fall down.
- Do not allow children to play near the stand. The stand may fall over, causing injury.
- Do not hang on the stand's arm pipes, since this may cause the stand to fall over.

