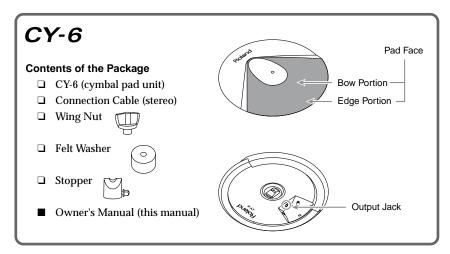
Roland®

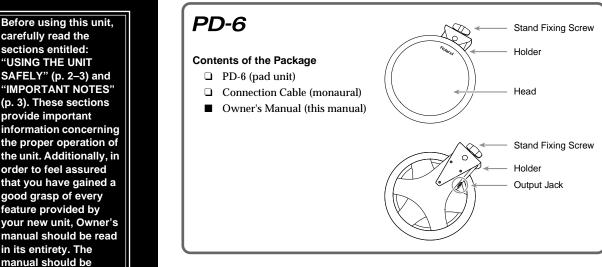
CYMBAL PAD CY-6 PAD PD-6

Owner's Manual

Thank you and congratulations on your choice of the Roland Cymbal Pad CY-6/Pad PD-6.

Before using CY-6/PD-6, you need to make the settings for the percussion sound module (p. 7).





the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, Owner's manual should be read

saved and kept on

reference.

hand as a convenient

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

About MARNING and MCAUTION Notices

| ≜ WARNING | Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. |
| ⚠ CAUTION | * 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

| | \triangle | The Δ 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 \(\sigma \) 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 powercord 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 perform any internal modifications on the unit.



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.
- This unit should be used only with a rack or stand that is recommended by Roland.

.....



⚠WARNING

When using the unit with a rack or stand recommended by Roland, the rack or stand must be carefully placed so it is level and sure to remain stable. If not using a rack or 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.



Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.



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!)



A CAUTION

 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.



⚠ CAUTION

 Should you remove wing nut (for CY-6), washers (for CY-6), or stand fixing screw (for PD-6) make sure to put them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.



IMPORTANT NOTES

In addition to the items listed under "USING THE UNIT SAFELY" on page 2–3, please read and observe the following:

Placement

- 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.
- To avoid possible breakdown, do not use the unit in a wet area, such as an area exposed to rain or other moisture.
- Do not allow rubber, vinyl, or similar materials to remain on the piano for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.
- Do not put anything that contains water (e.g., flower vases) on the piano. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

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.

Additional Precautions

- 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.
- 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.

Features

- Velocity sensitive cymbal pad provides rich expression.
- Designed specially for cymbals, the pad offers superior playing feel. Even the movement caused by playing is simulated.
- You can use bow shots, edge shots, and choking techniques.
- Compatible with all Roland percussion sound modules (p. 7).

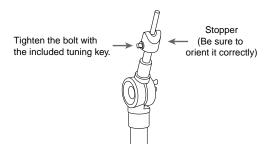
Making the Settings

Attaching the Cymbal Pad to a Stand

Attach the CY-6 to a separately sold cymbal mount (MDY series).

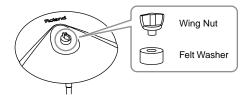
1. Use a commercially available tuning key to tighten the stopper bolt.

The stopper keeps the cymbal pad from turning, and prevents the cables from catching or getting tangled on the stand.



- 2. Attach the CY-6 so the unit is oriented as shown in the diagram.
- Tighten the wing nut to obtain the desired movement.

Use the included felt washer and the wing nut.



Connecting to a Percussion Sound Module (TD-6, TD-8, TD-10, etc.)



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 any connections.

1. Use the included connection cable and connect the output jack of the CY-6 to the trigger input jack of the percussion sound module.

Connect the L-shaped plug of the included cable to the CY-6. This will prevent strain from being applied to the CY-6.



To make use of edge shot and choking play techniques, you'll need to connect to a trigger input jack on the percussion sound module that accommodates rim shots.

2. Make the trigger settings for the percussion sound module. For the recommended values, refer to p. 7.



Should you neglect to make the appropriate settings for the percussion sound module, you could likely experience the following problems:

- Sometimes it does not sound (uneven volume)
- The volume is too low (reduced sensitivity)

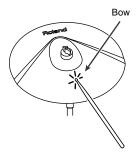


For information on how to change the parameters for a percussion sound module, refer to the documentation for the percussion sound module you're using.

Playing the CY-6

Bow Shot

This is the most common playing method, playing the pad face of the cymbal. It corresponds to the sound of the "head-side" of the connected trigger input.

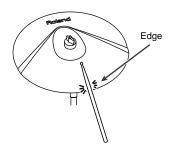


Edge Shot

This playing method involves striking the edge with the shoulder of the stick. It corresponds to the sound of the "rimside" of the connected trigger input.



To make use of edge shot, you'll need to connect to a trigger input jack on the percussion sound module that accommodates rim shots.



Choking

Choking (pinching) the cymbal's edge with the hand immediately after hitting the cymbal makes the sound stop.



To make use of choking play techniques, you'll need to connect to a trigger input jack on the percussion sound module that accommodates rim shots.



Specifications

CY-6: Cymbal Pad
Pad Size: 12 inches
Triggers: 2 (Bow, Edge)

Dimensions: 290 (W) x 295 (D) x 45 (H) mm

11-7/16 (W) x 11-5/8 (D) x 1-13/16 (H) inches

Weight: 0.6 kg / 1 lb 6 oz

Accessories: Owner's Manual, Connection Cable, Wing Nut,

Felt Washer, Stopper

Options: Cymbal Mounts (MDY-10U)

Drum Stands (MDS-6, MDS-7U, MDS-8, MDS-10)



In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

PD-6

Features

- · Velocity sensitive pad provides rich expression.
- Compact, 8.5-inch pad allows for greater versatility when setting up.
- Compatible with all Roland percussion sound modules (p. 7).
- When used with a percussion sound module capable of positional sensing, you can obtain tonal changes by varying the location at which the pad is struck.



For details on positional sensing, refer to the documentation for the percussion sound module you're using.

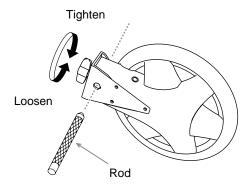
Making the Settings

Attaching the Cymbal Pad to a Stand

Attach the PD-6 to a separately sold drum stand (MDS-6, MDS-7U, MDS-8, or MDS-10).



When attaching the PD-6 to the pad mount, be sure to tighten the stand fixing screw securely. If any of them remain loose, the pad could fall off.



Pass the rod through the pipe that is inside the holder.

MEMO

When attaching the PD-6 to a commercially available tom stand, check the dimensions of the rod. Depending on the dimensions of the rod, it may not be possible to attach the pad to the stand.

Acceptable rod diameters: 8.5-11.5 (3/8 to 1/2 inch)

Connecting to a Percussion Sound Module (TD-6, TD-8, TD-10, etc.)



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 any connections.

 Use the included connection cable and connect the output jack of the PD-6 to the trigger input jack of the percussion sound module.

Connect the L-shaped plug of the included cable to the PD-6. This will prevent strain from being applied to the PD-6.

Make the trigger settings for the percussion sound module. For the recommended values, refer to p. 7.



Should you neglect to make the appropriate settings for the percussion sound module, you could likely experience the following problems:

- Sometimes it does not sound (uneven volume)
- The volume is too low (reduced sensitivity)



For information on how to change the parameters for a percussion sound module, refer to the documentation for the percussion sound module you're using.

Specifications

PD-6: Pad
Pad Size: 8.5 inches
Trigger: 1 (Head)

Dimensions: 221 (W) x 274 (D) x 64 (H) mm

8-3/4 (W) x 10-13/16 x 2-9/16 (H) inches

Weight: 1.2 kg / 2 lbs 11 oz

Accessories: Owner's Manual, Connection Cable

Options: Pad Mounts (MDH-10U)

Drum Stands (MDS-6, MDS-7U, MDS-8, MDS-10)



In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

Recommended Parameters for the Percussion Sound Module

Recommended settings for the trigger parameters when using the CY-6/PD-6 with various percussion sound modules.

- Edge shots and choking techniques are possible with the CY-6 (p. 5).
- The PD-6 can be used with the same settings as the PD-7 and PD-9. When connected to the trigger input jack capable
 of positional sensing, you can obtain tonal changes by varying the location at which the pad is struck.
- The trigger parameters should be adjusted as necessary to match the actual state of your configuration, and the
 environment in which it is being used.

TD-10 (TDW-1 V-Cymbal Control, TDW-1)

| | | CY-6 | PD-6 |
|------------------|------|----------|----------|
| Trigger Type | | CrB | P9A |
| Sensitivity | | 8 | 6 |
| Threshold | | 4 | 4 |
| Curve | | Linear | Linear |
| Scan Time | (*1) | 2.0 | 0.4 |
| Retrigger Cancel | (*1) | 10 | 4 |
| Mask Time | (*1) | 8 | 8 |
| Xtalk Cancel | (*1) | 40 | 40 |
| Mount Type | (*1) | CymMount | PadMount |

TD-10 (Non expanded)

| | | CY-6 | PD-6 |
|------------------|------|--------|--------|
| Trigger Type | | PD9 | PD9 |
| Sensitivity | | 6 | 3 |
| Threshold | | 3 | 2 |
| Curve | | Linear | Linear |
| Scan Time | (*1) | 2.0 | 0.3 |
| Retrigger Cancel | (*1) | 1 | 3 |
| Mask Time | (*1) | 12 | 12 |
| Xtalk Cancel | (*1) | 30 | 30 |

TD-8

| | CY-6 | PD-6 |
|--------------------|--------|--------|
| Trigger Type | PD9 | PD9 |
| Sensitivity | 10 | 5 |
| Threshold | 3 | 3 |
| Curve | Linear | Linear |
| Scan Time (*1) | 2.0 | 0.5 |
| Retrig Cancel (*1) | 3 | 3 |
| Mask Time (*1) | 8 | 12 |
| Xtalk Cancel (*1) | 40 | 40 |

TD-6

| | | CY-6 | PD-6 |
|---------------|------|--------|--------|
| TrigType | | CY6 | PD6 |
| Sensitivity | | 10 | 7 |
| Threshold | | 3 | 3 |
| TrigCurve | | LINEAR | LINEAR |
| Xtalk Cancel | | 30 | 40 |
| Scan Time | (*1) | 2.0 | 1.0 |
| Retrig Cancel | (*1) | 3 | 3 |
| Mask Time | (*1) | 8 | 4 |

TD-7 (*2)

| | CY-6 | PD-6 |
|------------------|-------|-------|
| Cross Talk Group | OFF | OFF |
| Velocity Curve | Norm3 | Norm3 |
| Choke | ON | OFF |
| Max Dyna | 5 | 8 |
| MIn Dyna | 1 | 5 |
| Min Velo | 1 | 1 |
| Mask Time | 0 | 0 |
| Threshold | 1 | 1 |

TD-5

| | | CY-6 | PD-6 |
|------------------|------|------|------|
| Trigger Type | | P 1 | Pd9 |
| Sensitivity | | 10 | 3 |
| Threshold | | 2 | 2 |
| Curve | | Lnr | Lnr |
| Scan Time | (*1) | 2.0 | 0.0 |
| Retrigger Cancel | (*1) | 4 | 1 |
| Mask Time | (*1) | 12 | 12 |
| Xtalk Cancel | (*1) | 50 | 50 |

SPD-20

| | CY-6 | PD-6 |
|----------------|------|------|
| Trig Sens | 10 | 6 |
| Trig Threshold | 0 | 0 |
| Trig Type | Pd5 | Pd9 |
| Trig Curve | 0 | 0 |

SPD-11

| | CY-6 | PD-6 |
|----------------|------|------|
| Trig Sens | 10 | 7 |
| Trig Threshold | 2 | 1 |
| Trig Mask Time | 8 | 0 |
| Trig Scan Time | 20 | 0 |

HPD-15

| | CY-6 | PD-6 |
|---------------|------------|--------|
| Input Mode | HD/RM (*3) | TRIGx2 |
| Trig Type | PD-5 | PD-9 |
| Trig Sens | 10 | 8 |
| Curve | Linear | Linear |
| Threshold | 3 | 2 |
| Scan Time | 2 | 1 |
| Retrig Cancel | 3 | 2 |
| Mask Time | 8 | 4 |
| X-Talk Rate | 20 | 20 |

^{*1:} You need to set each advanced trigger parameter after setting the trigger type.

^{*2:} Each trigger parameter can be set independently for the "head-side" and "rim-side." Set to the same value for the head and rim. Trigger parameters can be set individually for each patch.

^{*3:} The HPD-15 supports the use of edge shots with the CY-6, but it does not support choking techniques.

Information

When you need repair service, call your nearest Roland Service Center or authorized Roland distributor in your country as shown below.



EGYPT

Al Fanny Trading Office P.O. Box 2904, El Horrieh Heliopolos, Cairo,

TEL: (02) 4185531

REUNION

Maison FO - YAM Marcel 25 Rue Jules Hermann, Chaudron - BP79 97 491 Ste Clotilde Cedex REUNION ISLAND TEL: 28 29 16

SOUTH AFRICA That Other Music Shop (PTY) Ltd.

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Paul Bothner (PTY) Ltd. 17 Werdmuller Centre Claremont Republic of SOUTH AFRICA

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Shanghai Xingtong Acoustics Equipment CO.,Ltd.

Rm.1108, No.2240 Pudong South Road Shanghai, CHINA TEL: (021) 6873 4123

HONG KONG Tom Lee Music Co., Ltd. Service Division

22-32 Pun Shan Street, Tsuen Wan, New Territories. HONG KONG TEL: 2415 0911

INDIA

Rivera Digitec (India) Pvt. Ltd. 409, Nirman Kendra Mahalaxmi Flats Compound Off. Dr. Edwin Moses Road, Mumbai-400011, INDIA

TEL: (022) 498 3079

INDONESIA PT Citra IntiRama

J1. Cideng Timur No. 15J-150 Jakarta Pusat TEL: (021) 6324170

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Cosmos Corporation 1461-9, Seocho-Dong, Seocho Ku, Seoul, KOREA TEL: (02) 3486-8855

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140 & 142, Jalan Bukit Bintar 55100 Kuala Lumpur, MALAYSIA TEL: (03) 2144-3333

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339 Gil J. Puyat Avenue Makati, Metro Manila 1200 PHILIPPINES TEL: (02) 899 9801

SINGAPORE

Swee Lee Company 150 Sims Drive, SINGAPORE 387381 TEL: 846-3676

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Blk 3014. Bedok Industrial Park E. #02-2148. SINGAPORE 489980 TEL: 243 9555

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Theera Music Co. . Ltd. 330 Verng NakornKasem, Soi 2, Bangkok 10100, THAILAND TEL: (02) 2248821

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Saigon Music 138 Tran Quang Khai St., District 1 Ho Chi Minh City VIETNAM TEL: (08) 844-4068

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AUSTRALIA Roland Corporation

Australia Pty., Ltd. 38 Campbell Avenue Dee Why West. NSW 2099 AUSTRALIA TEL: (02) 9982 8266

NFW 7FALAND

Roland Corporation Ltd. 32 Shaddock Street, Mount Eden, Auckland, NEW ZEALAND TEL: (09) 3098 715

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Roland France SA 4, Rue Paul Henri SPAAK, Parc de l'Esplanade, F 77 462 St. Thibault, Lagny Cedex FRANCE TEL: 01 600 73 500

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Roland Ireland Audio House, Belmont Court, Donnybrook, Dublin 4. Republic of IRELAND TEL: (01) 2603501

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Roland Scandinavia Avd. Kontor Norge Lilleakerveien 2 Postboks 95 Lilleaker N-0216 Oslo NORWAY TEL: 273 0074

POLAND

P. P. H. Brzostowicz III. Gibraltarska 4 PL-03664 Warszawa POLAND TEL: (022) 679 44 19

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Tecnologias Musica e Audio, Roland Portugal, S.A. Cais Das Pedras, 8/9-1 Dto PORTUGAL.

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FBS LINES Piata Libertatii 1 RO-4200 Gheorghehi TEL: (066) 164-609

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Roland Electronics de España, S. A. Calle Bolivia 239, 08020 Barcelona, SPAIN TEL: (93) 308 1000

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TEL: (08) 702 0020

Roland Scandinavia A/S SWEDISH SALES OFFICE Danvik Center 28, 2 tr. S-131 30 Nacka SWEDEN

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Musitronic AG Gerberstrasse 5, Postfach, CH-4410 Liestal, SWITZERLAND TEL: (061) 921 1615

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TIC-TAC Mira Str. 19/108 P.O. Box 180 295400 Munkachevo, UKRAINE TEL: (03131) 414-40

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Roland (U.K.) Ltd. Atlantic Close, Swansea Enterprise Park, SWANSEA SA7 9FJ, UNITED KINGDOM TEL: (01792) 700139

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Moon Stores Bab Al Bahrain Road, P.O. Box 20077 State of BAHRAIN TEL: 211 005

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MOCO, INC.

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Tel-Aviv-Yafo ISRAEL TEL: (03) 6823666

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AMMAN Trading Agency Prince Mohammed St. P.O. Box 825 Amman 11118 JORDAN TEL: (06) 4641200

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TEL: (01) 335799

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Electronics APL Corniche Road, Aldossary Bldg., 1st Floor SAUDI ARABIA

P.O.Box 2154, Alkhobar 31952 SAUDI ARABIA TEL: (03) 898 2081

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Technical Light & Sound Center Khaled Ibn Al Walid St. P.O. Box 13520 Damascus - SYRIA

TEL: (011) 2235 384 TURKFY

Barkat muzik aletleri ithalat ve ihracat Ltd Sti

Siraselviler cad.Guney is hani 84-86/6, Taksim. Istanbul. TURKEY TEL: (0212) 2499324

Zak Electronics & Musical Instruments Co. L.L.C. Zabeel Road, Al Sherooq Bldg., No. 14. Grand Floor DUBAI HAE

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CANADA

TEL: (04) 3360715

Roland Canada Music Ltd. (Head Office) 5480 Parkwood Way Richmond B. C., V6V 2M4 CANADA TEL: (0604) 270 6626

Roland Canada Music Ltd.

(Toronto Office) Unit 2, 109 Woodbine Downs Blvd, Etobicoke, ON M9W 6Y1 CANADA TEL: (0416) 213 9707

U.S.A.

Roland Corporation U.S. 5100 S. Eastern Avenue Los Angeles, CA 90040-2938, TEL: (323) 890 3700

As of May 15, 2001 (Roland)