

Roland® Dual Trigger Cymbal Pad **CY-5** Owner's Manual











Thank you, and congratulations on your choice of the Roland CY-5.

Before using the CY-5, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (p. 2; p. 3). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

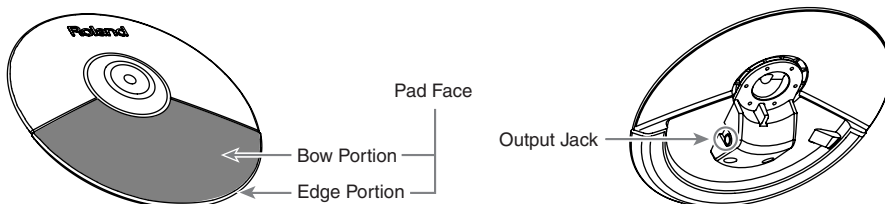
Main Feature

The CY-5 has been designed to be used as a hi-hat pad or a cymbal pad, with the corresponding mounting parts for both functions included in the package. The dual trigger pad allows one to play edge shots, bow shots and choking techniques can be used. It's an ideal "add on" to any existing set up.

Package Contents

- CY-5 (cymbal pad)
- Connection Cable (stereo)
- Drum Key 
- Attachment Set for Cymbal
 - Wing Nut 
 - Felt Washer 
 - Stopper 
- Cable Tie
- Owner's Manual (this manual)
- Attachment Set for Hi-Hat
 - Upper Clutch 
 - Clutch Felt (S) 
 - Clutch Felt (L) 
 - Lower Clutch 

Names of Components





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
USING THE UNIT SAFELY

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

About  WARNING and  CAUTION Notices






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

WARNING

- This unit should be used only with a stand (MDS series) that is recommended by Roland (p. 4, p. 5). 
- When using the unit with a stand (MDS series) 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. 
- 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. 
- Do not drop it! 

⚠ 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.



- Should you remove nuts, washers, etc. keep 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.
- Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.

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

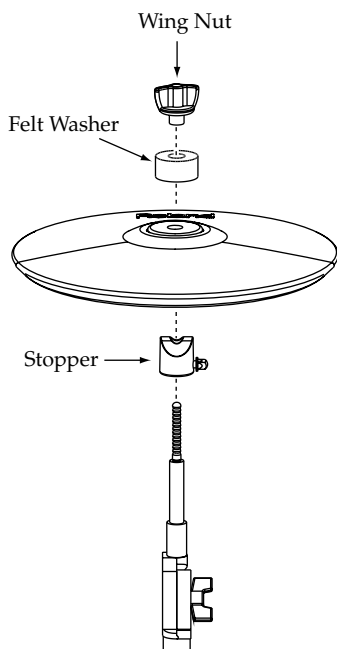
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.

- 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.
- 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.

Making the Settings

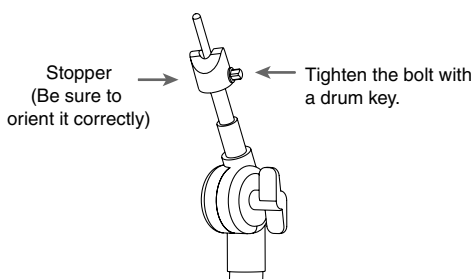
Using the CY-5 as a cymbal pad

When mounting the CY-5 on a cymbal stand, use ONLY the attachment set as shown below.



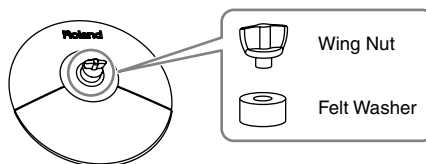
1. Mount the cymbal stopper as shown below.

The cymbal stopper keeps the cymbal from rotating, allowing proper function of the pad, and also prevents cables from winding around the stand.



2. Attach the CY-5 so the Roland logo is positioned on the opposite side of the playing area.

3. Tighten the felt washer and the wing nut.



Wing Nut tension

The wing nut should be tightened to allow the movement you desire. BUT, if it is too loose, double triggering may occur.

Use ONLY the included felt washer and wing nut. Standard, metal wing nuts found on most cymbal stands should never be used.

4. Use the included connection cable and connect the output jack of the CY-5 to the trigger input jack of the percussion sound module.

Connect the L-shaped plug of the included cable to the CY-5.

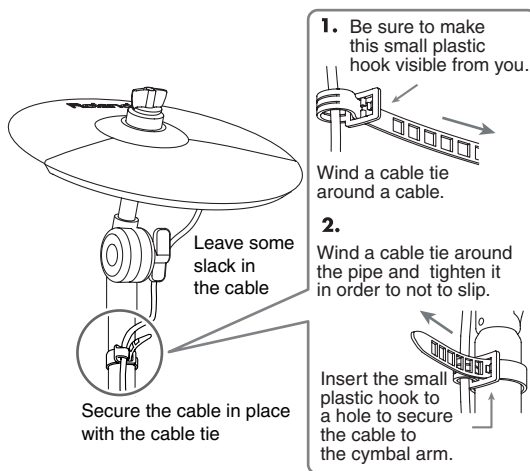
NOTE

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 (p. 6).

* 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.

5. Secure the cable with the provided cable tie.

Leave enough slack, so that the cymbal can still move freely, without pulling on the cable.



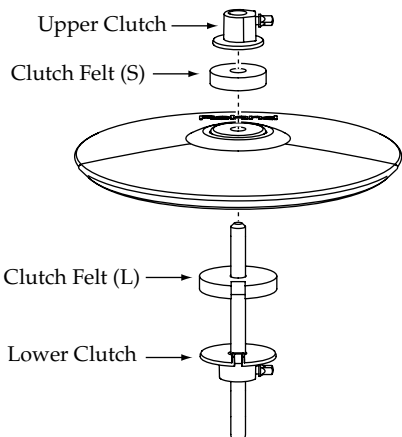
6. For the CY-5 to function correctly, the trigger type and trigger parameters in the sound module must be adjusted. See Page 6.

Using the CY-5 as a hi-hat pad

When mounting the CY-5 on an L-Rod (pad mount), use **ONLY** the attachment set as shown below.

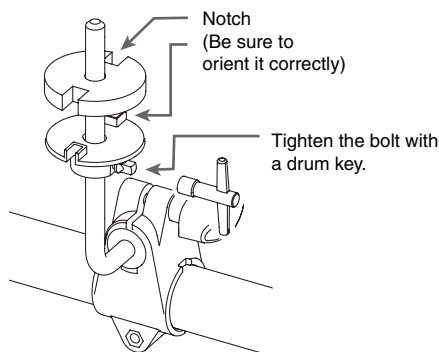
Acceptable rod diameters:

10.5–11.5 mm (7/16 to 1/2 inch)

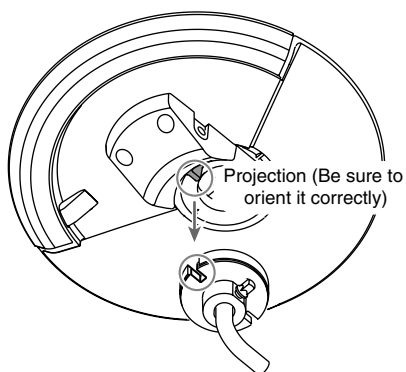


1. Mounting the lower clutch and the clutch felt (L).

Align the notched section as shown below. Then place the clutch felt so it fits securely.



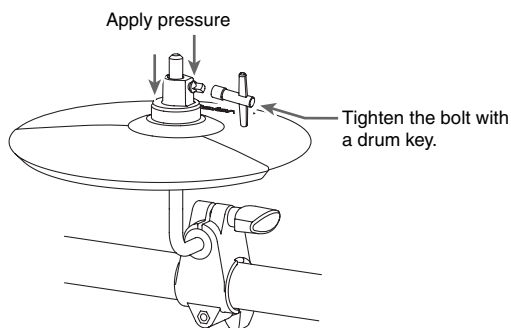
2. Mount the CY-5 so it fits the lower clutch as shown below.



3. Place the clutch felt (S), and while applying some pressure, mount the upper clutch as shown.

Afterwards, you can adjust the upper clutch to have the movement you desire. If it is too loose, double triggering may occur.

Be sure the Roland logo is on the opposite side of the playing area.



4. Use the included connection cable and connect the output jack of the CY-5 to the trigger input jack of the percussion sound module.

Connect the L-shaped plug of the included cable to the CY-5.

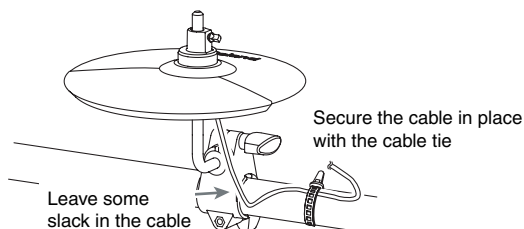
NOTE

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 (p. 6).

* 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.

5. Secure the cable with the provided cable tie to the stand pipe.

Leave enough slack, so that the pad can still move freely without pulling on the cable.



6. For the CY-5 to function correctly, the trigger type in the sound module must be adjusted. See page 6.

Trigger Settings For Percussion Sound Module

When using the CY-5, trigger parameter settings will be different depending on the module you are using.

Below you will find the parameters that correspond to different sound modules.

Make the trigger type setting for the percussion sound module.

TD-3 (Percussion Sound Module)

Trigger Type (LTP): Cy (CY)

Only the inputs listed below are capable of producing an edge shot and a choking play techniques.

- SNARE
- HI-HAT
- CRASH1
- CRASH2
- RIDE

TD-6V (Percussion Sound Module)

TrigTyp: Cy Type

TD-12/TD-20 (Percussion Sound Module)

Trig Type: CY6

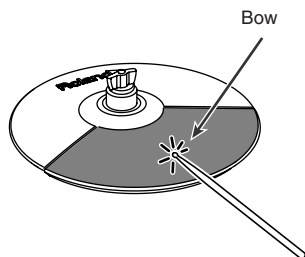
Playing Methods

NOTE

Do NOT play on the hard plastic section of the pad.

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.

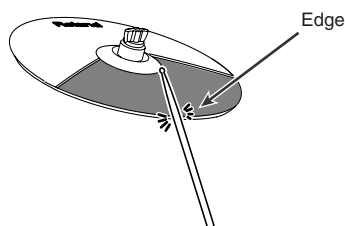


Edge Shot

This playing method involves striking the edge with the shoulder of the stick. It corresponds to the sound of the “rim-side” of the connected trigger input.

NOTE

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.

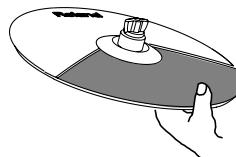


Choking

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

NOTE

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-5

- Size: 10 inches
- Triggers: 2 (Bow, Edge)
- Dimensions: 246 (W) x 246 (D) x 45 (H) mm
9-11/16 (W) x 9-11/16 (D) x 1-13/16 (H) inches
- Weight: 380 g / 14 oz (without attachment)
- Accessories: Owner’s Manual
Connection Cable
Drum Key
Attachment Set for Cymbal
Wing Nut
Felt Washer
Stopper
Attachment Set for Hi-hat
Upper Clutch
Lower Clutch
Clutch Felt (L)
Clutch Felt (S)
Cable Tie
- Options: Cymbal Mount (MDY-10U)
Drum Stands (MDS-3C, MDS-6C, MDS-12, MDS-20)

NOTE

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

NOTE

Continuous playing may cause dis-coloration of the pad, but this will not affect the Pad’s function.

Information

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

AFRICA

EGYPT

Al Fanny Trading Office
9, EBN Hagar Al Asklany
Street,
ARD El Golf, Heliopolis,
Cairo 11341, EGYPT
TEL: 20-2-417-1828

REUNION

Maison FO - YAM Marcel
25 Rue Jules Hermann,
Chaudron - BP79 97 491
Ste Clotilde Cedex,
REUNION ISLAND
TEL: (0262) 218-429

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That Other Music Shop(PTY)Ltd.
11 Melle St., Braamfontein,
Johannesburg,
SOUTH AFRICA
TEL: (011) 403 4105
FAX: (011) 403 1234

Paul Bothner(PTY)Ltd.

Royal Cape Park, Unit 2
Londonderry Road, Ottery 7800
Cape Town, SOUTH AFRICA
TEL: (021) 799 4900

ASIA

CHINA

**Roland Shanghai Electronics
Co.,Ltd.**
5F, No.1500 Pingliang Road
Shanghai 200090, CHINA
TEL: (021) 5580-0800

Roland Shanghai Electronics Co.,Ltd.

(BEIJING OFFICE)
10F, No.18 3 Section Anhuaxili
Chaoyang District Beijing
100011 CHINA
TEL: (010) 6426-5050

Roland Shanghai Electronics Co.,Ltd.

(GUANGZHOU OFFICE)
2/F, No.30 Si You Nan Er Jie
Yi Xiang, Wu Yang Xin Cheng,
Guangzhou 510600, CHINA
TEL: (020) 8736-0428

HONG KONG

Tom Lee Music Co., Ltd.
Service Division
22-32 Pun Shan Street, Tsuen
Wan, New Territories,
HONG KONG
TEL: 2415 0911

Parsons Music Ltd.

8th Floor, Railway Plaza, 39
Chatham Road South, T.S.T,
Kowloon, HONG KONG
TEL: 2333 1863

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Rivera Digitec (India) Pvt. Ltd.
409, Nirman Kendra
Mahalaxmi Flats Compound
Off. Dr. Edwin Moses Road,
Mumbai-400011, INDIA
TEL: (022) 2493 9051

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PT Citra IntiRama
Jl. Cideng Timur No. 15J-150
Jakarta Pusat
INDONESIA
TEL: (021) 6324170

KOREA

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

MALAYSIA

Roland Asia Pacific Sdn. Bhd.
45-1, Block C2, Jalan PJU 1/39,
Dataran Prima, 47301 Petaling
Jaya, Selangor, MALAYSIA
TEL: (03) 7805-3263

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

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AUSTRALIA/ NEW ZEALAND

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Dee Why West, NSW 2099
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For Australia
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For New Zealand
Tel: (09) 3098 715

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(1123) Buenos Aires
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Wildely, St.Michael, Barbados
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Cotia - Sao Paulo - SP, BRAZIL
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Santiago - Centro, CHILE
TEL: (02) 688-9540

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Cra 43 B No 25 A 41 Bododega 9
Medellin, Colombia
TEL: (574)3812529

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San Jose, COSTA RICA
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Instrumentos Fernando Giraldez
Calle Proyecto Central No.3
Ens. La Esperilla
Santo Domingo,
Dominican Republic
TEL:(809) 683 0305

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Rumichaca 822 y Zaruma
Guayaquil - Ecuador
TEL:(593-4)2302364

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OMNI MUSIC
75 Avenida Norte y Final
Alameda Juan Pablo II,
Edificio No.4010 San Salvador,
EL SALVADOR
TEL: 262-0788

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Casa Instrumental
Calzada Roosevelt 34-01, zona 11
Ciudad de Guatemala
Guatemala
TEL:(502) 599-2888

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Almacen Pajaro Azul S.A. de CV.
BO.Paz Barahona
3 Ave.11 Calle S.O
San Pedro Sula, Honduras
TEL: (504) 553-2029

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Musique & Son
Z.L.Les Mangle
97232 Le Lamantin
Martinique F.W.I.
TEL: 596 596 426860

Gigamusik SARI

10 Rte De La Folie
97200 Fort De France
Martinique F.W.I.
TEL: 596 596 715222

MEXICO

Casa Veerkamp, s.a. de c.v.
Av. Toluca No. 323, Col. Olivar
de los Padres 01780 Mexico
D.F. MEXICO
TEL: (55) 5668-6699

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Altamira D'Este Calle Principal
de la Farmacia 5ta. Avenida
1 Cuadra al Lago.#503
Managua, Nicaragua
TEL: (505)277-2557

PANAMA

SUPRO MUNDIAL, S.A.
Boulevard Andrews, Albrook,
Panama City, REP. DE
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TEL: 315-0101

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Maritime Plaza
Barataria Trinidad W.I.
TEL: (868) 638 6385

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Todo Musica S.A.
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1771
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Montevideo, URUGUAY
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Caracas, Venezuela
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**Roland Elektronische
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Austrian Office
Eduard-Bodem-Gasse 8,
A-6020 Innsbruck, AUSTRIA
TEL: (0512) 26 44 260

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Roland Central Europe N.V.
Houtstraat 3, B-2260, Oevel
(Westerlo) BELGIUM
TEL: (014) 575811

CZECH REP.

K-AUDIO

Kardasovska 62e,
CZ-198 00 Praha 9,
CZECH REP.
TEL: (2) 666 10529

DENMARK

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DK-2100 Copenhagen
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**Roland Scandinavia As, Filial
Finland**
Elannontie 5
FIN-01510 Vantaa, FINLAND
TEL: (09) 68 24 020

GERMANY

**Roland Elektronische
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Ordstrasse 56, 22844
Nordstedt, GERMANY
TEL: (040) 52 60090

GREECE

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Music Sound Light
135, New National Road
Patras 26442, GREECE
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Warehouse Area 'DEPO' Pf.83
H-2046 Torokbalint,
HUNGARY
TEL: (23) 511011

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Roland Ireland
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Avenue, Dublin 12
Republic of IRELAND
TEL: (01) 4294444

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Roland Italy S. p. A.
Viale delle Industrie 8,
20020 Arese, Milano, ITALY
TEL: (02) 937-78300

NORWAY

**Roland Scandinavia Avd.
Kontor Norge**
Lillekerveien 2 Postboks 95
Lilleaker N-0216 Oslo
NORWAY
TEL: 2273 0074

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MX MUSIC SP.Z.O.O.
Ul. Gibraltarska 4,
PL-03664 Warszawa POLAND
TEL: (022) 679 44 19

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4050-465, Porto, PORTUGAL
TEL: 22 608 00 60

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FBF LINES
Piata Libertatii 1,
535500 Gheorgheni,
ROMANIA
TEL: (266) 364 609

RUSSIA

MuTek
Dorozhnaya ul.3,korp.6
117 545 Moscow, RUSSIA
TEL: (095) 981-4967

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CH-4452 Itingen,
SWITZERLAND
TEL: (061) 927-8383

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UKRAINE
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Enterprise Park, SWANSEA
SA7 9FJ,
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MIDDLE EAST

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CYPRUS
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ISRAEL

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P. O. Box 922846
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