

GKP-4

GK PARALLEL BOX

Owner's Manual

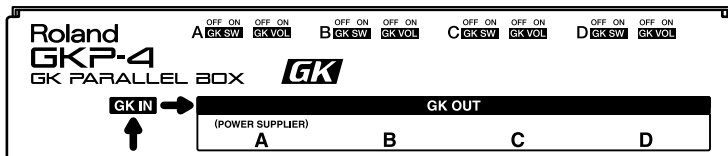
Congratulations on your choice of the Roland GKP-4 GK Parallel Box.

The GKP-4 Parallel Box allows you to perform with up to four separate GK-compatible devices using a single guitar.

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (page 2-3; page 4). 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, Owner's Manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.



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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

- 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. 

- 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, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when:
 - 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. 

 **WARNING**

- Protect the unit from strong impact.
(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.



- Disconnect all cords coming from external devices before moving the unit.



For EU Countries
This product complies with the requirements of
European Directive 89/336/EEC.

IMPORTANT NOTES

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

Power Supply

- 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.
- To avoid possible breakdown, do not use the unit in a wet area, such as an area exposed to rain or other moisture.

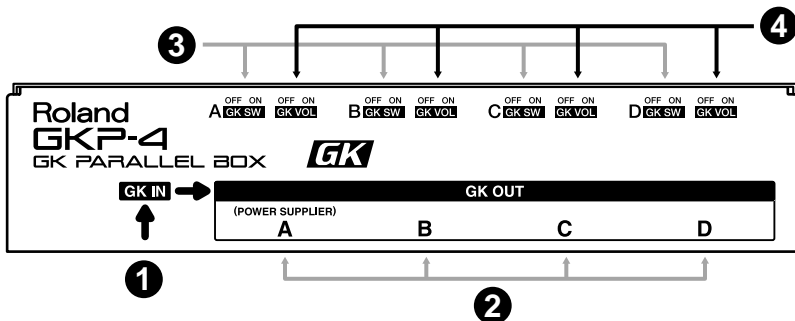
Maintenance

- 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).
- 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.

Names of Things and What They Do



1. GK IN Connector

Use a GK cable to connect a GK-2A here.

2. GK OUT Connectors (A, B, C, D)

Use GK cables to connect GK-compatible devices (such as the VGA-7, VG-88, GR-33, WP-20G, and OC-20G) here.

When using only one GK device, connect it to GK OUT A (POWER SUPPLIER).

3. GK SW Switches

These switches determine whether or not control signals from a GK-2A's switches (DOWN/S1, UP/S2) will be transmitted to the corresponding GK device (ON), or not (OFF).

Switch the GK SW to ON only for GK devices that you want to be affected by switch movements on a GK-2A.

4. GK VOL Switches

These switches determine whether GK-2A volume (SYNTH VOL) control signals are transmitted to the corresponding GK device (ON), or not (OFF).

Switch the GK VOL to ON only on the GK devices that you want to be affected by adjustments made using the GK-2A's volume control.

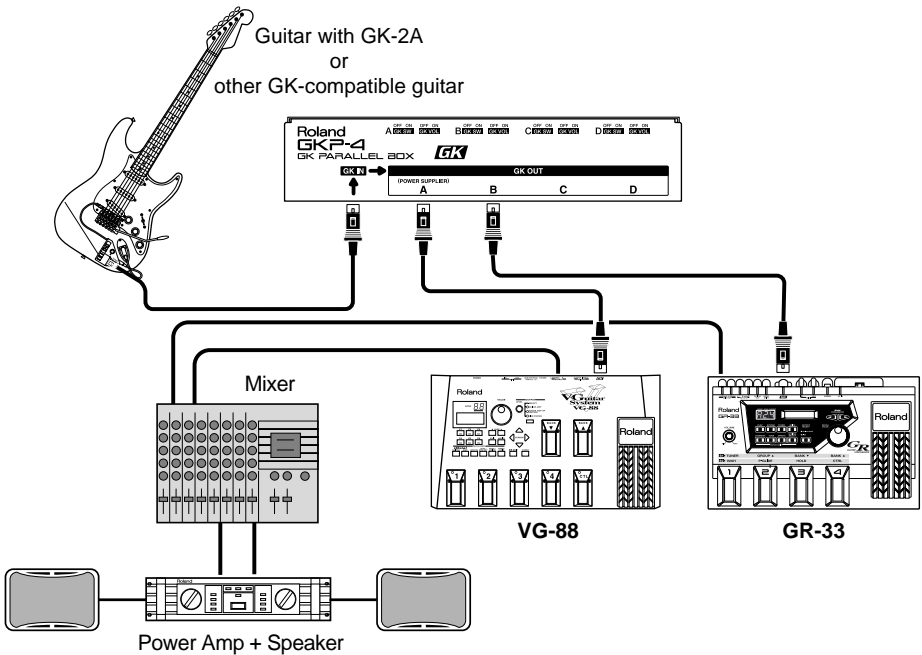
When the signals are not sent to a GK device, the device's volume level is set to maximum.

Connecting Devices

* 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.

After first making sure that the power to all devices is off, and that the volume controls are turned down completely, use the following procedure to connect the devices.

1. Connect the GK-2A and the GKP-4 with a GK cable. Insert the connector firmly until it locks in place.
2. Use GK cables to connect any GK devices to the GKP-4.
 - * Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.
3. Turn on the power to the connected GK devices.
4. Turn the power on to your mixer, amp, etc.
Adjust the volume of the connected devices.



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- * *Connect only with the GK cable included with this product, or using other GK cables (GKC-3, GKC-5). Use of other cables can cause malfunction.*

 - * *Do not allow the total length of cable used to connect together the GK-2A, the GKP-4, and connected GK-compatible devices to exceed ten meters. Connecting with the GKC-10 (ten meters) or C-13B (ten meters), or using all the GKC-5 (five meters) to connect all the GK devices results in excessive cable length, which may hinder normal operation.*

 - * *Allowing a GK device to remain connected to the GKP-4 even though it is not being used can cause your GK devices to malfunction, and can also be a source of noise. Disconnect any GK device that is not being used.*

 - * *Whether it's because you've used unnecessarily long cables, or because you have only one end of a cable connected while the other end remains free—improper connections can cause your GK devices to malfunction, and can also be a source of noise. Use the shortest cable length possible, and pull out any cables that you don't need, since they're only connected at one end anyway.*

 - * *Power for the GKP-4 and GK-2A is supplied through the GK cable from the GK device connected to the GK OUT A connector. Thus, the GKP-4 and GK-2A will not operate with the GK device (or devices) connected only to the GK OUT B (and/or C and D) connector. When using only one GK device, connect it to GK OUT A (POWER SUPPLIER).*

 - * *Allow the power provided by the GK-compatible device to supply only one other piece of equipment besides the GK-2A. Connecting more than one GKP-4 or US-20 may cause the maximum current of the GK-compatible device to be exceeded.*

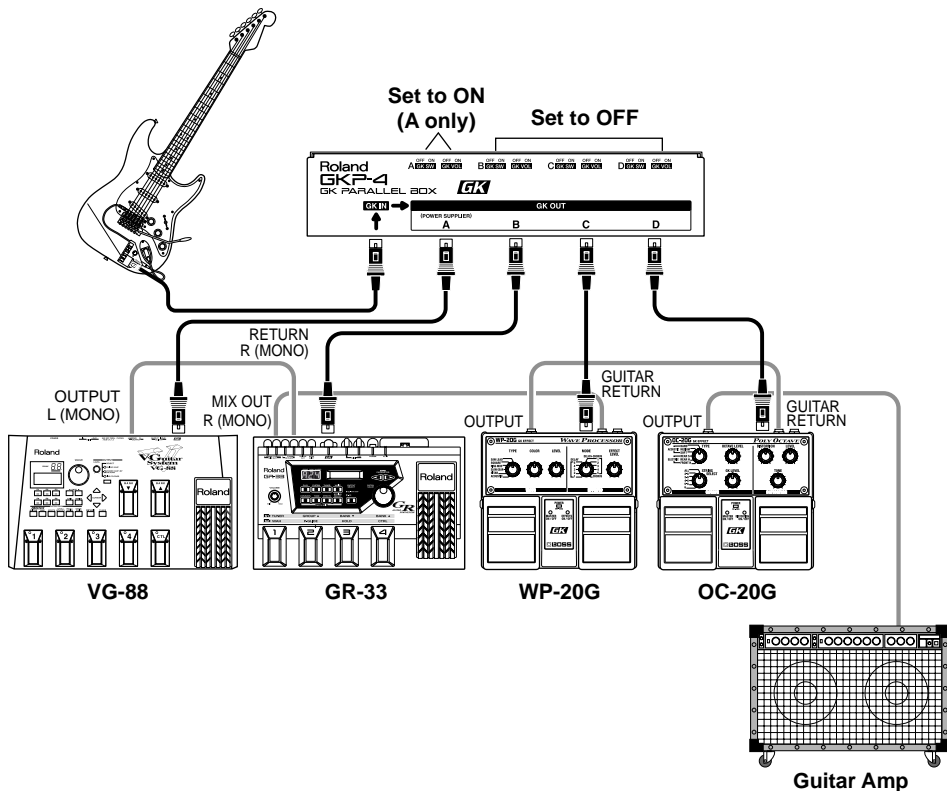
 - * *The GK-compatible device supplying the power should be an AC-powered device, not a battery-powered one.*

Connection Example

Here's how to set up four units, a VG-88, a GR-33, A WP-20G, and an OC-20G, along with a guitar amp (mono).

* *If you wish to play in stereo, use a mixer.*

The VG-88 provides the power supply to the GK-2A. The GK SW (DOWN/S1, UP/S2) and GK VOL (SYNTH VOL) are used only for the VG-88.



* *Set the VG-88's OUTPUT SELECT to "GUITAR AMP" (in the connection example, COMBO AMP is used).*

* *Set the GR-33's OUTPUT SELECT to "GUITAR AMP."*

To play or not to play the various GK devices, use each unit's pedal switch (WP-20G, OC-20G), or expression pedal (VG-88, GR-33).

Specifications

GKP-4: GK Parallel Box

Connectors

GK IN connector

GK OUT A (POWER SUPPLIER) connector, GK OUT B connector, GK OUT C connector,
GK OUT D connector

Dimensions

210 (W) x 49 (D) x 34 (H) mm

8-5/16 (W) x 1-15/16 (D) x 1-3/8 (H) inches

Weight

310 g / 11 oz

Accessories

GK cable: C-13D (1.2 m) x 2

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Options

Divided Pickup: GK-2A

GK cable: GKC-3 (3 m), GKC-5 (5 m)

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

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
P.O. Box 2904,
El Horrieh Heliopolis, Cairo,
EGYPT
TEL: (02) 4185531

REUNION

Maison FO YAM Marcel
25 Rue Jules Hermaun,
Chaudron - BP799 491
Ste Clotilde Cedex,
REUNION ISLAND
TEL: 28 29 16

SOUTH AFRICA

That Other Music Shop (PTY) Ltd.
11 Melle St., Braamfontein,
Johannesburg
Republic of SOUTH AFRICA

P.O. Box 32918, Braamfontein 2017
Republic of SOUTH AFRICA
TEL: (011) 403 4105

Paul Bothner (PTY) Ltd.
17 Werdmuller Centre Claremont
7700
Republic of SOUTH AFRICA

P.O. Box 23032
Claremont, Cape Town
SOUTH AFRICA, 7735
TEL: (021) 674 4030

ASIA

CHINA

Beijing Xinghai Musical Instruments Co., Ltd.
6 Huangmuchiang Chao Yang
District, Beijing, CHINA
TEL: (010) 6774 7491

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

Rivda Digitech (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
Jl. Cideng Timur No. 151-150
Jakarta Pusat
INDONESIA
TEL: (021) 6324170

KOREA

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

MALAYSIA

BENTLEY MUSIC SDN BHD
140 & 142, Jalan Bukit Bintang
55100 Kuala Lumpur, MALAYSIA
TEL: (03) 2144-3333

PHILIPPINES

G.A. Yupangco & Co. Inc.
339 Gil J. Puyat Avenue
Makati, Metro Manila 1200,
PHILIPPINES
TEL: (02) 899 8901

SINGAPORE

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

CRISTOFORI MUSIC PTE LTD

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

TAIWAN

ROLAND TAIWAN ENTERPRISE CO., LTD.
Room 5, 9th. No. 112 Chung Shan
N. Road Sec. 2, Taipei, TAIWAN,
R.O.C.
TEL: (02) 2561 3339

THAILAND

Theera Music Co., Ltd.
330 Veng NakornKasem, Sol 2,
Bank 1100, THAILAND
TEL: (02) 2248821

VIETNAM

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

AUSTRALIA/ NEW ZEALAND

AUSTRALIA

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

NEW ZEALAND

Roland Corporation Ltd.
32 Shadlock Street, Mount Eden,
Auckland, NEW ZEALAND
TEL: (09) 9098 715

CENTRAL/LATIN AMERICA

ARGENTINA

Instrumentos Musicales S.A.
Florida 656 2nd Floor
Buenos Aires
ARGENTINA, CP1005
TEL: (54-11) 4-393-0057

BRAZIL

Roland Brasil Ltda
Rua San Jose, 780 Sala B
Parque Industrial San Jose
Cotia - Sao Paulo - SP, BRAZIL
TEL: (011) 4615 5666

COSTA RICA

JUAN Bansbach Instrumentos Musicales
Ave. 1, Calle 11, Apartado 10237,
San Jose, COSTA RICA
TEL: (506)258-0211

CHILE

Comercial Fancy II S.A.
Avenida Rancagua 8030
Providencia Santiago, CHILE
TEL: 56-2-373-9100

EL SALVADOR

OMNI MUSIC
75 Avenida Notre YV Alameda,
Juan Pablo 2, No. 4010
San Salvador, EL SALVADOR
TEL: (503) 262-0788

MEXICO

Casa Veeerkamp, s.a. de c.v.
Av. Toluca No. 323, Col. Olivar
de los Padres 01780 Mexico D.F.
MEXICO
TEL: (525) 668 04 80

PANAMA

SUPRO MUNDIAL, S.A.
Boulevard Andrews, Albrook,
Panama City,
REP. DE PANAMA
TEL: (507) 315-0101

PARAGUAY

Distribuidora De Instrumentos Musicales
J.E. Cleor y ESQ. Manduvira
Edificio, El Dorado Planta Baja
Asuncion PARAGUAY
TEL: 595-21-492147

PERU

VIDEO Broadcast S.A.
Portinari 199 (ESQ. HALLS),
San Borja, Lima 41,
REP. OF PERU
TEL: 51-14-758226

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Todo Musica S.A.
Cuareim 1844, Montevideo,
URUGUAY, CP11200
TEL: 5982-924-2335

VENEZUELA

VIDEOL Digital C.A.
Av. Francisco de Miranda,
Centro Parque de Cristal, Nivel
C2 Local 20 Caracas
VENEZUELA
TEL: (02) 285 9218

EUROPE

AUSTRIA

Roland Austria GES.M.B.H.
Siemensstrasse 4, P.O. Box 74,
A-1063 RUM, AUSTRIA
TEL: (0512) 26 44 260

BELGIUM/HOLLAND/ LUXEMBOURG

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

DENMARK

Roland Scandinavia A/S
Nordhavnsvej 7, Postbox 880,
DK-2100 Copenhagen
DENMARK
TEL: (039)16 6200

FRANCE

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

FINLAND

Roland Scandinavia As, Filial Finland
Lautasaarentie 54 B
Fin-00201 Helsinki, FINLAND
TEL: (9) 882 4020

GERMANY

Roland Elektronische Musikinstrumente GmbH.
Oststrasse 96, 22844 Norderstedt,
GERMANY
TEL: (040) 32 60090

GREECE

STOLLAS S.A. Music Sound Light
155, New National Road
26422 Patras, GREECE
TEL: 061-435400

HUNGARY

Intermusica Ltd.
Warehouse Area "DEPO" Pf.83
H-2048 Torokbalint, HUNGARY
TEL: (23) 511011

IRELAND

Roland Ireland
Audio House, Belmont Court,
Domybrook, Dublin 4,
Republic of IRELAND
TEL: (01) 2803501

ITALY

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

NORWAY

Roland Scandinavia Avd. Kontor Norge
Lillekvevsten 2 Postboks 95
1300aker N-0216 Oslo
NORWAY
TEL: 273 0074

POLAND

P. P. H. Brzostowicz
U.L. Gibratarska 4,
PL-03684 Warszawa POLAND
TEL: (022) 679 44 19

PORTUGAL

Tecnologias Musica e Audio, Roland Portugal, S.A.
Cais Das Pedras, 8/9-1 Dto
4050-465 PORTO
PORTUGAL
TEL: (022) 608 00 60

ROMANIA

FBS LINES
Plata Libertatii 11,
RO-40010 Giurgheui
TEL: (066) 164-609

RUSSIA

MuTeK
3-Bogoyavlakaya Str. 1.k.1
107 564 Moscow, RUSSIA
TEL: 095 169 5043

SPAIN

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

SWEDEN

Roland Scandinavia A/S SWEDISH SALES OFFICE
Danvik Center 28, 2 tr.
S-131 30 Nacka SWEDEN
TEL: (08) 702 0020

SWITZERLAND

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

UKRAINE

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

UNITED KINGDOM

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

MIDDLE EAST

BAHRAIN

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

CYPRUS

Radex Sound Equipment Ltd.
17 Diagonou St., P.O. Box 2046,
Nicosia CYPRUS
TEL: (02) 453 426

IRAN

MOCO, INC.
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Rohesary Cerah Mirdamad
Tehran, IRAN
TEL: 285 4169

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Halilit P. Greenspoon & Sons Ltd.
8 Retzif Ha'allya Hashnya St.
Tel Aviv Yaffo ISRAEL
TEL: (03) 6823666

JORDAN

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

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Easa Husain Al-Yousifi
Abdullah Salem Street,
Safat KUWAIT
TEL: 5719499

LEBANON

A. Chahine & Fils
P.O. Box 16-5857 Gergi Zeidan St.
Chahine Building, Achrafieh
Beirut, LEBANON
TEL: (011) 335799

QATAR

Al Emadi Co. (Badie Studio & Stores)
P.O. Box 82
DOHA QATAR
TEL: 4423 554

SAUDI ARABIA

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

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

SYRIA

Technical Light & Sound Center
Khaled Ibn Al Walid St.
P.O. Box 13520
Damascus, SYRIA
TEL: (011) 2233 384

TURKEY

Barkat muzik aletleri ithalat ve ihracat Ltd Sti
Siraselviler cad. Guney is hani 84-
85/4, Taksim, Istanbul, TURKEY
TEL: (0212) 2499324

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Zak Electronics & Musical Instruments Co. L.L.C.
Zabei Road, Al Sheroq Bldg.,
No. 14, Grand Floor DUBAI
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TEL: (04) 3360715

NORTH AMERICA

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Unit 2, 109 Woodbine Downs
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