

# KR-1077M DIGITAL INTELLIGENT PIANO

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Main Specifications

Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS" (KR-1077/977/577 Owner's Manual p. 2), "USING THE UNIT SAFELY" (KR-1077/977/577 Owner's Manual p. 3 and KR-1077M Owner's Manual p. 2), and "IMPORTANT NOTES" (KR-1077/977/577 Owner's Manual p. 5 and KR-1077M Owner's Manual 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, 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**

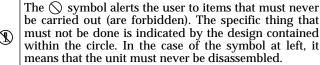
#### INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

### About AWARNING and ACAUTION 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>⚠</b> 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

$\triangle$	The $\triangle$ 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 O cymbol closes the year to items that must never



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

#### **MARNING**

 Before using this unit, make sure to read the instructions below, the KR-1077/977/577 Owner's Manual, and KR-1077M Owner's Manual.



 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.
- · If abnormal sounds are produced
- If error messages (Error.61, Error.62) have appeared

 Be careful not to touch the keys while the automatic keyboard is functioning, as this may sprain your fingers or damage the keyboard.



## **IMPORTANT NOTES**

In addition to the items listed under "USING THE UNIT SAFELY" on page 2, "IMPORTANT NOTES" on KR-1077/977/577 Owner's Manual pages 5 and 6, please read and observe the following:

While the automatic keyboard is in operation, avoid doing anything that could hamper the action of the keys, such as using
undue force to press a key, or forcing up a depressed key. By doing so, you risk causing malfunction.

## Having the Automatic Keyboard Operate During Song Playback

## **Turning On the Power**

- \* Be sure to follow the steps below when turning the power on or off. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.
- 1. Before you switch on the power, turn the volume down by rotating the [Volume] knob to "Min."



- 2. Check the following points.
- The included power cord is connected to the AC inlet on the bottom of the piano.
- The power cord is correctly connected to the AC outlet.
- \* Be sure to use the supplied power cord.
- 3. Press the [Power] switch.

After a few seconds, the unit becomes operable and playing the keyboard produces sound.



\* This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.

## **Adjusting the Sound Volume**

You can adjusts the overall volume level.

#### 1. Rotate the [Volume] knob to the left or right.

The volume increases as the knob is rotated to "Max" (the right) and decreases as the dial is rotated to "Min" (the left).



→ The mark to the upper right of the Volume knob indicates the volume level typically produced by an acoustic piano. This is usually the most appropriate volume for your piano performances.

# Consecutively Playing Back All Songs

1. Press the [Song/Disk] button.

A Song/Disk screen appears.



- 2. If you want to play back songs, insert the floppy disk into the disk drive.
  - → This procedure isn't necessary when you're playing back preset songs, or songs saved in user memory.
- 3. Touch either the < >, < >, or < > icon.

  To select songs from disk touch < > (DISK), to select preset songs touch < > (PRESET), or to select songs from user memory touch < > (USER).

Song playback starts, and the keys move in keeping with the song.

All songs are played back in sequence. The on-screen < ▶ > (Play) changes to < ■ > (Stop). When the last song has finished playing, playback then repeats after returning to the first song.

- 5. Press the Stop [ ] button or touch < > (Stop) on screen to stop playback of the songs.
  - If the keys do not move when you play music files, it could be because a mistake has been made with respect to the Part that makes the keys move. For details, refer to "Changing the Part That Makes the Keys Move" (p. 4).

## Playing Back a Single Song

## Choosing the Song to Play Back

1. Press the [Song/Disk] button.

A Song/Disk screen appears.

- 2. If you want to play back songs, insert the floppy disk into the disk drive.
- → This procedure isn't necessary when you're playing back preset songs, or songs saved in user memory.
- 3. Touch either the  $\langle \square \rangle$ ,  $\langle \square \rangle$ , or  $\langle \square \rangle$  icon.

To select songs from disk touch < > (DISK), to select preset songs touch < > (PRESET), or to select songs from user memory touch < > (USER).

- 4. Touch Page < ◀ > and < ▶ > to switch screens, and touch the screen to choose a song.
- → You can also use the dial to choose a song. When you use the dial, the pages are switched automatically, without having to touch Page < ◀ > and < ▶ >.

## ■ Playing Back a Song

Press the Play [►] button or touch <►> (Play) on the screen to play back the song.

Song playback starts, and the keys move in keeping with the song.

The on-screen  $< \triangleright >$  (Play) changes to  $< \blacksquare >$  (Stop).

→ You can press the [Score] button to display the score for the selected song.

## ■ Stopping Song Playback

Press the Stop [ ■ ] button or touch < ■ > (Stop) on screen to stop playback.

If you let the selected song play to the end, playback stops automatically.

The on-screen  $< \blacksquare >$  (Stop) changes to  $< \triangleright >$  (Play).

7. Press the Reset [I◀] button to go back to the beginning of the song.

#### O Important Notes about the Automatic Keyboard

- · The keys will not move during recording.
- To ensure more accurate expression during play, separate systems are used for song play and keyboard drive. This means that depending on the song, the movement of the keyboard may differ slightly from song play.

## **Turning Off the Power**

- 1. Before you switch off the power, turn the volume down by rotating the [Volume] knob to "Min" all the way.
- 2. Press the [Power] switch.

The power is switched off.



# Changing the Part That Makes the Keys Move

# ■ Using the Track Buttons to Choose the Part That Makes the Keys Move

Upon power-up, the instrument is set so the keys move in keeping with the performances of the Whole, Upper, and Lower tracks. You can change the parts that key movement will reflect by pressing the Track buttons, and changing the buttons that are lighted.

The following shows the relationship between the Track buttons, played parts, and keyboard movement.

Indicator	Keyboard	Sound
Indicator flashing	Movement	Sound
Indicator on	No movement	Sound
Indicator Off	No movement	No sound

- 1. Choose the song to play (p. 3, 4).
- 2. Press the Track button you want to have associated with key movement a number of times, until the button's light is flashing.

Each time you press a Track button, its light changes to the next state, in this order: lighted  $\rightarrow$  extinguished  $\rightarrow$  flashing  $\rightarrow$  lighted  $\rightarrow$ ....

#### 3. Press the Play [▶] button.

Song playback starts, and the keys move in accord with what is played as a result of the flashing Track button or buttons.

# ■ Using the 16 Track Sequencer Screen to Choose the Part That Makes the Keys Move

You can get the keys to move in keeping with the performance of parts selected with the 16 Track Sequencer screen.

- 1. Choose the song to play (p. 3, 4).
- **2. Press the [Composer Navigator] button.** The Composer Navigator screen will appear.
- **3. Touch <16 Track Sequencer>**The 16 Track Sequencer screen will appear.
- 4. Touch the part you want to have associated with key movement.

The following shows the relationship between the indication in the display (icons), played parts, and keyboard movement.

Icon	Keyboard	Sound
2	Movement	Sound
[3]	No Movement	Sound
	No movement	No sound (no performance data for this part)

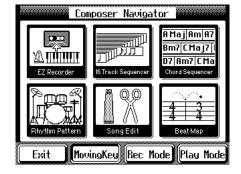
Icon	Keyboard	Sound
	No movement	No sound (no keyboard movement for muted parts)

#### 5. Press the Play [▶] button.

Song playback starts, and the keys move in keeping with the performance of the selected part (s).

## **Suppressing Movement of the Automatic Keyboard**

- Press the [Composer Navigator] button.
   The Composer Navigator screen will appear.
- 2. Touch <MovingKey> to switch the automatic keyboard on or off.
- → The power-up default settings call for the automatic keyboard to be activated.



## **Error Message**

Indication: Error.61

Meaning: There is a problem with the automatic keyboard system. Stop use immediately, and contact the nearest Roland

Service Center.

Indication: Error.62

Meaning: There is a problem with the automatic keyboard system. Stop use immediately, and contact the nearest Roland

Service Center.

## Demo Song (Specific to the KR-1077M)

	Title	Composer
1	Blue sky rag	Susumu Ueda

#### Susumu Ueda

Graduate of the Department of Composition, Kyoto City University of Arts. Has composed a large number of works of many types in a wide range of genres, including the official ceremony music for the torch relay at the Nagano Winter Olympics, the performance music for the opening and closing ceremonies of the Hiroshima Asian Games, and the music for Kobe Luminarie '99, as well as compositions for other events, television programs, commercials, movies, stage, and published scores. His albums on CD include Asian Rhapsody, KYOTO, Godai Meiso (Meditation on the Five Elements), and The Straits. As music producer for Discovery Firm, Inc., he is also involved in production and supervision of compilations of a variety of musical works, primarily MIDI works, including SMF data and CD-ROMs for sound generating devices.

<sup>→</sup> For info and cautions on the other demo songs, please refer to the KR-1077/977/577 Owner's Manual.

## **Main Specifications**

#### <Keyboard>

#### Keyboard

88 Moving keys Progressive Hammer action mechanism with Escapement

#### Touch Sensitivity

100 levels

#### Keyboard Mode

Whole

Split (adjustable split point)

Layer

Arranger

Piano Style Arranger

Manual Drum/SFX

#### <Sound Source>

Conforms to GS/GM2

#### Max.Polyphony

128 voices

#### Tones

7 groups 608 variations (including 16 drum sets, 1 SFX set) Footage Organ Edit

#### Temperament

8 types, selectable tonic

#### Stretched Tuning

2 types

#### Master Tuning

415.3 Hz-466.2 Hz (0.1 Hz Steps)

#### ● Transpose

Key Transpose (-6-+5 Half-steps)

Playback Transpose (-24-+24 Half-steps)

#### Effects

Reverb (8 types, stepless level adjustable),

Chorus (8 types 127 levels)

Sympathetic Resonance, Rotary and 45 other types

Advanced 3D

Physical Damper Simulation (Advanced, Resonance)

#### <Arranger>

#### Music Styles

Internal: 8 groups 200 styles x 4 types (Style Orchestrator) Music Style Disk: 34 Styles

#### Programmable Music Styles

**Style Converter** 

Style Composer

#### Melody Intelligence

24 types

#### User Programs

Internal: 36 Disk: Max.99 sets

#### Control

Start/Stop

Intro/Ending (2 types for each styles),

Sync. Start

Fill In (Variation/Original)

Arranger Reset

Count Down

Melody Intelligence

Break

**Leading Bass** 

Half Fill In (Variation/Original)

#### <Composer>

#### Metronome

Beat: 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8

Volume: 10 levels

Metronome Pattern: 11 patterns

Sounds: 8 types

#### Tracks

5/16 tracks

#### Song

1 song

#### Note Storage

Approx. 30,000 notes

#### Tempo

Quarter note = 20-250

#### Resolution

120 ticks per quarter note

#### ■ Recording Method

Realtime (Replace, Mix, Auto Punch In, Manual Punch In,

Loop, Tempo)

Step (On Chord Sequence mode)

**Beat Map** 

#### Edit

Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit

#### Rhythm Pattern

40 types

#### Control

Song Select, Reset, Stop, Play, Rec, Bwd, Fwd, All Song Play Track Select, Count In, Playback Balance, Marker Set, Repeat, Tempo Mute

#### <Disk Drive / Disk Storage>

3.5 inch Micro Floppy Disk

#### Disk Format

720 K bytes (2DD) 1.44 M bytes (2HD)

#### Songs

Max. 99 songs

#### Note Storage

Approx. 120,000 notes (2DD) Approx. 240,000 notes (2HD)

#### Playable Software

Standard MIDI Files (Format 0/1) Roland Original Format (i-Format)

#### Save

Standard MIDI Files (Format 0) Roland Original Format (i-Format)

#### <Internal Memory>

#### Preset

65 songs

#### User Memory

Max. 200 songs and styles

#### <Others>

#### ■ Rated Power Output

60 W x 4

#### Speakers

20 cm x 6, 8 cm x 4, 5cm x 2

#### Display

**Beat Indicator** 

Graphic 320 x 240 dot backlit LCD with touch screen

#### Score

Great staff/G Clef staff/F Clef staff with note name/with Lyric

#### Language

English/German/French/Spanish/Japanese

#### Lyrics

Yes (Built-in Display, MIDI Out)

#### Control

Volume, Brilliance, Reverb, Balance, Microphone Volume

#### One Touch Play

One Touch Piano, One Touch Organ, One Touch Arranger

#### Pedals

Damper (half-pedal recognition)
Soft (half-pedal recognition, Function assignable)
Sostenuto (Function assignable)

#### Vocal Effects

Echo, Voice Transformer, Harmonist, Vocal Keyboard

#### Other Functions

Arranger Navigator, Tone Navigator, Composer Navigator Learning Partner, Games, On-screen help, Audition,

## Panel Lock Connectors

Output jacks (L/Mono, R)

Input jacks (L/Mono, R)

Microphone jack

Headphone jack x 2 (Stereo)

MIDI In connector

MIDI Out connector

Computer connector

Pedal Connector (8 pin DIN type)

**Expression Pedal connector** 

#### Power supply

AC 117 V, AC 230 V, AC 240 V

#### Power Consumption

270 W (AC 117 V)

220 W (AC 230 V)

210 W (AC 240 V)

#### Cabinet finish

**Polished Evony** 

#### Dimensions (Estimated, Lid Closed)

1502 (W) x 1580 (D) x 1010 (H) mm 59"3/16 (W) x 62"1/4 (D) x 39"13/16 (H)

#### Weights

208 kg 458 lbs 11 oz

#### Accessories

Owner's manual

Power cord

Data Disk

Maintenance Kit

\* 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.



#### **EGYPT**

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

EGYPT TEL: (02) 4185531

REUNION

Maison FO - YAM Marcel 25 Rue Jules Merman, ZL Chaudron - BP79 97491

Ste Clotilde REUNION TEL: 28 29 16

#### **SOUTH AFRICA** That Other Music Shop (PTY) Ltd.

11 Melle Street (Cnr Melle and Juta Street) Braamfontein, 2001, 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) 64 4030



#### CHINA

**Beijing Xinghai Musical** Instruments Co., Ltd.

6 Huangmuchang Chao Yang District, Beijing, CHINA TEL: (010) 6774 7491

#### 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 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) 2443333

#### **PHILIPPINES**

G.A. Yupangco & Co. Inc. 339 Gil J. Puvat Avenue Makati, Metro Manila 1200,

PHILIPPINES TEL: (02) 899 9801

#### SINGAPORE

Swee Lee Company 150 Sims Drive,

SINGAPORE 387381 TEL: 748-1669

## CRISTOFORI MUSIC PTE

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

#### **TAIWAN** ROLAND TAIWAN

ENTERPRISE CO., LTD. Room 5, 9fl. No. 112 Chung Shan N.Road Sec.2, Taipei, TAIWAN,

TEL: (02) 2561 3339

#### **THAILAND**

Theera Music Co., Ltd. 330 Verng NakornKasem, Soi 2, Bangkok 10100, 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 Dee Why West. NSW 2099 AUSTRĂLIA TEL: (02) 9982 8266

#### **NEW ZEALAND**

Roland Corporation (NZ) Ltd.

97 Mt. Eden Road, Mt. Eden, Auckland 3, NEW ZEALAND TEL: (09) 3098 715

#### CENTRAL/LATIN **AMERICA**

#### **ARGENTINA**

Instrumentos Musicales S.A. Florida 656 2nd Floor Office Number 206A Buenos Aires

ARGENTINA, CP1005 TEL: (54-11) 4- 393-6057

### BRAZIL

Roland Brasil Ltda. R. Coronel Octaviano da Silveira 203 05522-010 Sao Paulo BRAZIL TEL: (011) 3743 9377

#### **COSTA RICA** JUAN Bansbach

Instrumentos Musicales

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

#### CHILE

Comercial Fancy S.A.

Avenida Rancagua #0330 Providencia Santiago, CHILE TEL: 56-2-373-9100

## EL SALVADOR OMNI MUSIC 75 Avenida Notre YY Alameda,

Juan Pablo 2, No. 4010 San Salvador, EL SALVADOR TEL: (503) 262-0788

#### **MEXICO**

Casa Veerkamp, s.a. de c.v. Av. Toluca No. 323, Col. Olivar de los Padres 01780 Mexico D.F. MEXICO

TEL: (525) 668 04 80

#### La Casa Wagner de Guadalajara s.a. de c.v.

Av. Corona No. 202 S.J. Guadalajara, Jalisco Mexico C.P.44100 MEXICO TEL: (3) 613 1414

#### **PANAMA**

SUPRO MUNDIAL, S.A. Boulevard Andrews, Albrook,

Panama City, REP. DE PANAMA TEL: (507) 315-0101

#### **PARAGUAY** Distribuidora De Instrumentos Musicales

J.E. Olear y ESQ. Manduvira Edeficio, El Dorado Planta Baja Asuncion PARAGUAY TEL: 595-21-492147

#### **PERU** VIDEO Broadcast S.A.

Portinari 199 (ESQ. HALS). San Borja, Lima 41, REP. OF PERU TEL: 51-14-758226

#### **URUGUAY**

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

#### **VENEZUELA**

**Musicland Digital C.A.** Av. Francisco de Miranda Centro Parque de Cristal, Nivel C2 Local 20 Caracas

TEL: (02) 285 9218

### EUROPE

#### **AUSTRIA** Roland Austria GES.M.B.H.

Siemensstrasse 4, P.O. Box 74, A-6063 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 Lauttasaarentie 54 B

Fin-00201 Helsinki, FINLAND TEL: (9) 682 4020

#### **GERMANY**

Roland Elektronische Musikinstrumente HmbH. Oststrasse 96, 22844 Norderstedt,

GERMANY TEL: (040) 52 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-2046 Torokbalint, HUNGARY TEL: (23) 511011

#### **IRELAND**

**Roland Ireland** 

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

#### **ITALY**

Roland Italy S. p. A. Viale delle Industrie 8,

20020 Arese, Milano, ITALY TEL: (02) 937-78300 **NORWAY** 

#### Roland Scandinavia Avd.

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

#### POI AND

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

**PORTUGAL** 

Tecnologias Musica e Audio,

Roland Portugal, S.A. RUA DE SANTA CARARINA 131/133, 4000-450 PORTO PORTUGAL TEL: (022) 208 4456

#### **ROMANIA**

FBS LINES

Plata Libertatii 1 RO-4200 Cheorgheni TEL: (066) 164-609

#### RUSSIA

Slami Music Company Sadojava-Triumfalnaja st., 16 103006 Moscow, RUSSIA TEL: 095 209 2193

#### SPAIN

**Roland Electronics** de España, 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 Musitronic AG

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

UKRAINE

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

## UNITED KINGDOM

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

## **MIDDLE EAST**

TEL: (01792) 700139

**BAHRAIN** Moon Stores

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

#### **CYPRUS**

Radex Sound Equipment Ltd.

17 Diagorou St., P.O. Box 2046, Nicosia CYPRUS TEL: (02) 453 426

#### **ISRAEL** Halilit P. Greenspoon &

Sons Ltd. 8 Retzif Fa'aliya Hashnya St. Tel-Aviv-Yaho 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: (01) 335799

#### OATAR

**Badie Studio & Stores** 

P.O. Box 62, DOHA QATAR TEL: 423554

#### **SAUDI ARABIA**

aDawliah Universal **Electronics APL** 

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) 2235 384

#### TURKEY

Barkat muzik aletleri ithalat

ve ihracat Ltd Sti Siraselviler cad.Guney is hani 84-86/6, Taksim. Istanbul. TURKEY

Zak Electronics & Musical

Instruments Co. L.L.C. Zabeel Road, Al Sherooq Bldg., No. 14, Grand Floor DUBAI

U.A.E. TEL: (04) 3360715

TEL: (0212) 2499324

## NORTH AMERICA

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II S A TEL: (323) 890 3700

TEL: (0416) 213 9707