

# Roland®

# MCB-3

## CONNECTOR BOX

for SCP-55

## OWNER'S MANUAL

Thank you for purchasing the Roland MCB-3. The MCB-3 is a Connector Box designed exclusively for use with the SCP-55 Sound Canvas PC Card. By connecting the MCB-3 to your SCP-55, you can connect a microphone and an audio device to record audio signals. And you can also connect external MIDI devices such as a MIDI keyboard.

## IMPORTANT NOTES

### PLACEMENT

- Do not subject the unit to temperature extremes (e.g., direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas, or areas that are subject to high levels of vibration.
- Do not expose the unit to temperature extremes or install it near devices that radiate heat. Direct sunlight in an enclosed vehicle can deform or discolor the unit.

### MAINTENANCE

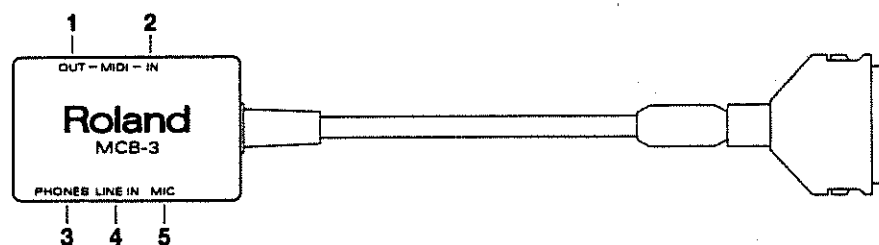
- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.

- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

### ADDITIONAL PRECAUTIONS

- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.
- Should a malfunction occur, or if you suspect there is a problem, discontinue use immediately. Contact qualified service personnel as soon as possible.
- To avoid the risk of electric shock, do not open the unit.

## PANEL DESCRIPTION



### 1. MIDI OUT Connector

This connector transmits MIDI messages from the computer. Use a MIDI cable to connect to a MIDI device (e.g., sound module).

### 2. MIDI IN Connector

This connector receives MIDI messages from an external MIDI device. Use a MIDI cable to connect to a MIDI device (e.g., MIDI keyboard).

### 3. PHONES Jack (stereo miniature type)

This jack is the same as the PHONES jack on the audio output connector provided with the SCP-55. Connect to an audio reproduction device or headphones.

### 4. LINE IN Jack (stereo miniature type)

Audio signals are input to this jack. Use audio cables to connect to audio devices (e.g., CD Player).

### 5. MIC Jack (mono miniature type)

Connect the supplied microphone.

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# SPECIFICATIONS

## Nominal Input Level

MIC Input : -30 dBm  
LINE IN Input : -10 dBm

## Input Impedance

MIC Input : 10 k $\Omega$   
LINE Input : 10 k $\Omega$

## Nominal Output Level

-10 dBm (10 k $\Omega$  Load Impedance)

## Output Impedance

16  $\Omega$

## Recommended Load Impedance

200  $\Omega$  or greater

## Connectors

MIDI Connectors (IN, OUT)  
PHONES Jack (stereo miniature phone)  
LINE IN Jack (stereo miniature phone)  
MIC Jack (mono miniature phone)

\* Be sure to use audio cable which does not contain a resistor to connect to the PHONES jack or the LINE IN jack.

## Dimensions

250 (W) x 40 (D) x 28 (H) mm  
9-7/8 (W) x 1-5/8 (D) x 1-1/8 (H) inches

## Weight

96 g / 4 oz

## Accessories

Owner's Manual  
Mini Microphone

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

For Germany

## Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das

**Connector Box MCB-3**

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der BMPT-A AmtsblVfg 243/1991, 46/1992 funk-entstört ist. Der vorschriftsmäßige Betrieb mancher Geräte (z. B. Meßsender) kann allerdings gewissen Einschränkungen unterliegen. Beachten Sie deshalb die Hinweise in der Bedienungsanleitung.

Dem Zentralamt für Zulassungen im Fernmeldewesen wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf die Einhaltung der Bestimmungen eingeräumt.

Roland Corporation  
4-16 Dojimahama 1-Chome Kita-ku Osaka 530 Japan  
(Name und Anschrift des Herstellers/Importeurs)

For the USA

## FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the users authority to operate this equipment. This equipment requires shielded interface cables in order to meet FCC class B Limit.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For Canada

## CLASS B

## NOTICE

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

## CLASSE B

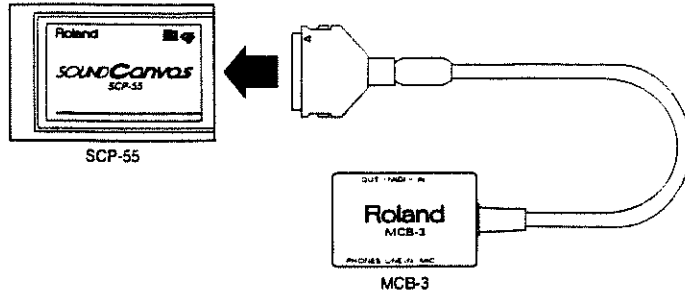
## AVIS

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Règlement des signaux parasites par le ministère canadien des Communications.

# Connecting the MCB-3

Connect the MCB-3 to the SCP-55 so that the ▲ mark faces the SOUND Canvas logo on the SCP-55.

\* Avoid touching the connector.

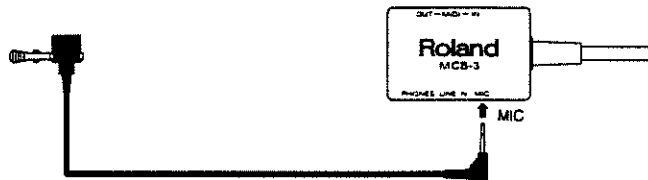


\* You can also connect the MCB-3 after inserting the SCP-55 into the PCMCIA slot. Connect the MCB-3 with the ▲ mark facing upwards.

\* When connecting the MCB-3, the audio output connector is unused.

## Connecting the Microphone

Connect the supplied microphone to the MIC jack of the MCB-3.

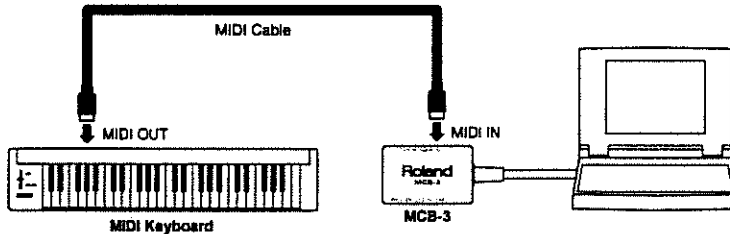


\* As the power voltage (+3V) is supplied for the MIC jack, you can connect a mini microphone such as the supplied microphone.

# Connecting MIDI Devices

## Connecting a MIDI Keyboard

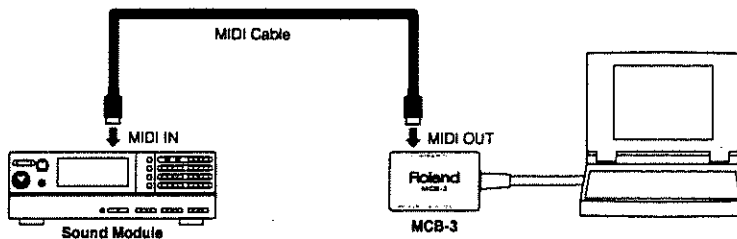
Use a MIDI cable to connect the MIDI OUT connector on the MIDI keyboard to the MIDI IN connector on the MCB-3.



\* As the SCP-55 does not support a MIDI THRU function, the SCP-55 or a connected sound module will not sound by playing the MIDI keyboard without using an application.

## Connecting an External Sound Module

Use a MIDI cable to connect the MIDI IN connector on the external sound module to the MIDI OUT connector on the MCB-3.



## Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

### U. S. A.

**Roland Corporation U.S.**  
7200 Dominion Circle  
Los Angeles, CA. 90040-3696, U. S. A.  
TEL: (213) 685 5141

### CANADA

**Roland Canada Music Ltd.**  
(Head Office)  
5480 Parkwood Way  
Richmond B. C., V6V 2M4  
CANADA  
TEL: (604) 270 6626

### Roland Canada Music Ltd.

(Montreal Office)  
9425 Transcanadienne  
Service Rd. N., St Laurent,  
Quebec H4S 1V3, CANADA  
TEL: (514) 335 2009

### Roland Canada Music Ltd.

(Toronto Office)  
346 Watline Avenue,  
Mississauga, Ontario L4Z  
1X2, CANADA  
TEL: (416) 890 6488

### AUSTRALIA

**Roland Corporation**  
**Australia Pty. Ltd.**  
38 Campbell Avenue  
Dee Why West, NSW 2099  
AUSTRALIA  
TEL: (02) 982 8266

### NEW ZEALAND

**Roland Corporation**  
**(NZ) Ltd.**  
97 Mt. Eden Road, Mt. Eden,  
Auckland 3, NEW  
ZEALAND  
TEL: (09) 3098 715

### UNITED KINGDOM

**Roland (U.K.) Ltd.**  
Rye Close Ancells Business  
Park Fleet, Hampshire GU13  
8UY, UNITED KINGDOM  
TEL: (0252) 816181

### Roland (U.K.) Ltd.,

**Swansea Office**  
Atlantic Close, Swansea  
Enterprise Park, Swansea,  
West Glamorgan SA79FJ,  
UNITED KINGDOM  
TEL: (0792) 700 139

### IRELAND

**The Dublin Service**  
**Centre Audio**  
**Maintenance Limited**  
11 Brunswick Place Dublin 2  
Republic of Ireland  
TEL: (01) 677322

### ITALY

**Roland Italy S. p. A.**  
Viale delle Industrie 8 20020  
ARESE MILANO ITALY  
TEL: (02) 93581311

### SPAIN

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

### GERMANY

**Roland Elektronische**  
**Musikinstrumente**  
**Handelsgesellschaft mbH.**  
Oststrasse 96, 22844  
Norderstedt, GERMANY  
TEL: (040) 52 60090

### FRANCE

**Guillard Musiques Roland**  
**ZAC de Rosarge Les Echets**  
01700  
MIRIBEL FRANCE  
TEL: (72) 26 5060

### Guillard Musiques Roland

(Paris Office)  
1923 rue Léon Geoffroy  
94400 VITRY-SUR-SEINE  
FRANCE  
TEL: (1) 4680 86 62

### BELGIUM/HOLLAND/

### LUXEMBOURG

**Roland Benelux N. V.**  
Houtstraat 1 B-2260 Oevel-  
Westerlo BELGIUM  
TEL: (014) 575811

### DENMARK

**Roland Scandinavia A/S**  
Langebrogade 6 Box 1937  
DK-1023 Copenhagen K.  
DENMARK  
TEL: 31 95 31 11

### SWEDEN

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

### NORWAY

**Roland Scandinavia**  
**Avd. Kontor Norge**  
Lilleakerveien 2 Postboks 95  
Lilleaker N-0216 Oslo 2  
NORWAY  
TEL: (02) 73 0074

### FINLAND

**Fazer Musik Inc.**  
Länsituulentie POB 169,  
SF-02101 Espoo FINLAND  
TEL: (00) 43 5011

### SWITZERLAND

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

### AUSTRIA

**E. Dematte & Co.**  
Neu-Rum Siemens-Strasse 4  
A-6040 Innsbruck P.O.Box  
83  
AUSTRIA  
TEL: (0512) 26 44 260

### GREECE

**V. Dimitriadis & Co. Ltd.**  
20, Alexandras St. &  
Bouboulinas 54 St. 106 82  
Athens, GREECE  
TEL: (01) 8232415

### PORTUGAL

**Caius - Tecnologias**  
**Audio e Musica, Lda.**  
Rue de Catarina 131  
4000 Porto, PORTUGAL  
TEL: (02) 38 4456

### HUNGARY

**Intermusica Ltd.**  
Warehouse Area 'DEPO'  
Pf.83 H-2046 Torokbalint,  
Budapest HUNGARY  
TEL: (1) 1868905

### ISRAEL

**D.J.A. International Ltd.**  
Twin Towers, 33 Jabntinsky St.  
Room 211, Ramat Gan 52511  
ISRAEL  
TEL: (03) 751 8585

### CYPRUS

**Radex Sound**  
**Equipment Ltd.**  
17 Diagorou St., P.O.Box  
2046, Nicosia CYPRUS  
TEL: (2) 453 426  
(2) 466 423

### U.A.E

**Zak Electronics &**  
**Musical Instruments Co.**  
P.O. Box 8050  
DUBAI, U.A.E  
TEL: 360715

### KUWAIT

**Easa Husain Al-Yousifi**  
P.O. Box 126 Safat 13002  
KUWAIT  
TEL: 5719499

### LEBANON

**A. Chahine & Fils**  
P.O. Box 16-5857  
Beirut, LEBANON  
TEL: (01) 335799

### TURKEY

**Barkat Sanayi ve Ticaret**  
Siraselviler Cad. 86/6  
Taksim Istanbul, TURKEY  
TEL: (0212) 2499324

### EGYPT

**Al Fanny Trading Office**  
9, Ebn Hagar Ai Askalany  
Street, Ard El Golf,  
Heliopolis, Cairo, 11341  
EGYPT  
TEL: (02) 4171828  
(02) 4185531

### QATAR

**Badie Studio & Stores**  
P.O.Box 62,  
DOHA Qatar  
TEL: 423554

### SYRIA

**Technical Light &**  
**Sound Center**  
Khaled Ebn Al Walid St.  
P.O.Box 13520  
Damascus - Syria  
TEL: (11) 2235 384

### BAHRAIN

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

### REUNION

**FO - YAM Marcel**  
25 Rue Jules MermanZL  
Chaudron - BP79 97491  
Ste Clotilde REUNION  
TEL: 262 28 29 16

### BRAZIL

**Roland Brasil Ltda.**  
R. Coronel Octaviano da  
Silveira 203 05522-010  
Sao Paulo BRAZIL  
TEL: (11) 843 9377

### MEXICO

**Casa Veerkamp, s.a. de**  
c.v.  
Mesones No. 21 Col. Centro  
MEXICO D.F. 06080  
TEL: (905) 709 3716

### La Casa Wagner de

**Guadalajara s.a. de c.v.**  
Av. Corona No. 202 S.J.  
Guadalajara, Jalisco  
MEXICO C.P. 44100  
TEL: (36) 13 1414

### VENEZUELA

**Musiland Digital C.A.**  
Av. Francisco de Miranda,  
Centro Parque de Cristal,  
Nivel C2 Local 20 Caracas  
VENEZUELA  
TEL: (2) 285 9218

### PANAMA

**Productos Superiores,**  
**S.A.**  
Apartado 655 - Panama 1  
REP. DE PANAMA  
TEL: 26 3322

### ARGENTINA

**Instrumentos Musicales**  
**S.A.**  
Florida 638  
(1005) Buenos Aires  
ARGENTINA  
TEL: (1) 394 4029

### HONG KONG

**Tom Lee Music Co., Ltd.**  
**Service Division**  
22-32 Pun Shan Street, Tsuen  
Wan, New Territories,  
HONG KONG  
TEL: 852 2 737 7688

### KOREA

**Cosmos Corporation**  
**Service Station**  
261 2nd Floor Nak-Won  
Arcade Jong-Ro ku, Seoul,  
KOREA  
TEL: (02) 742 8844

### SINGAPORE

**Swee Lee Company**  
BLOCK 231,  
Bain Street #03-23  
Bras Basah Complex,  
Singapore 0718  
TEL: 3367886

### CRISTOFORI MUSIC

**PTE LTD**  
335, Joo Chiat Road  
SINGAPORE 1542  
REPUBLIC OF SINGAPORE  
TEL: 3450435

### PHILIPPINES

**G.A. Yupangco & Co. Inc.**  
339 Gil J. Puyat Avenue  
Makati, Metro Manila 1200,  
PHILIPPINES  
TEL: (02) 817 0013

### THAILAND

**Theera Music Co., Ltd.**  
330 Vergn Nakorn Kasem,  
Soi 2, Bangkok 10100,  
THAILAND  
TEL: (02) 2248821

### MALAYSIA

**Bentley Music SDN BHD**  
No.142, Jalan Bukit Bintang  
55100 Kuala Lumpur,  
MALAYSIA  
TEL: (03) 2443333

### INDONESIA

**PT CITRARAMA**  
**BELANTIKA**  
Kompleks Perkantoran Duta  
Merlin Blok E No.6—7  
Jl. Gajah Mada No.3—5,  
Jakarta 10130,  
INDONESIA  
TEL: (021) 3850073

### TAIWAN

**Siruba Enterprise**  
**(Taiwan) Co., LTD.**  
Room. 5, 9fl. No. 112 Chung  
Shan N.Road Sec.2 Taipei,  
TAIWAN, R.O.C.  
TEL: (02) 571 5860

### 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  
TEL: (021) 64 4030

As of Feb. 23, 1995



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