



US-20 UNIT SELECTOR

OWNER'S MANUAL

INTRODUCTION

Thank you, and congratulations on your choice of the Roland US-20 Unit Selector.

The US-20 is a Unit Selector that allows you to connect two devices that feature a GK IN connector (such as the GR-1/09 Guitar Synthesizer, VG-8 V-Guitar System, GI-10 Guitar-MIDI Interface, etc.) and select to play whichever one you want, or play both of them at the same time using one guitar.

To ensure proper operation, and many years of trouble-free service, please take the time to read through this Owner's Manual before starting out.

IMPORTANT NOTES

Placement

- Do not subject the unit to temperature extremes (eg., 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.

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.

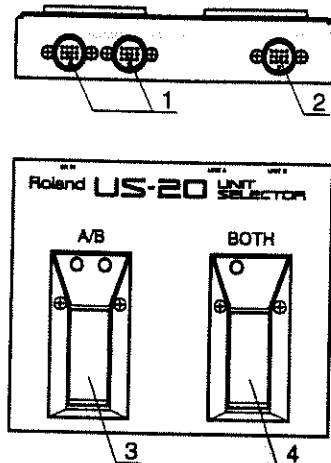
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.
- Should a malfunction occur, or if you suspect there is a problem, discontinue use immediately. Contact qualified service personnel as soon as possible.

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PANEL DESCRIPTIONS



1. Unit Connectors

Here is where you connect units (such as those in the GR series, the VG-8, or GI-10) capable of being played with a synthesizer driver (GK-2A; available separately). Use the 13-pin specialized cable (C-13D) supplied with the US-20.

UNIT A Connector

The unit connected to this connector can be played when [A] has been selected with the [A/B] pedal switch on the top panel.

UNIT B Connector

The unit connected to this connector can be played when [B] has been selected with the [A/B] pedal switch on the top panel.

2. GK IN Connector

Connect a synthesizer driver (GK-2A; available separately) to this connector using the 13-pin specialized cable (e.g., C-13A, C-13C, C-13D) supplied with your GR series synth or other unit.

3. [A/B] Pedal Switch

This is the pedal switch that allows you to select which device is to be played, either the one connected to the UNIT A connector, or the one connected to UNIT B.

4. [BOTH] Pedal Switch

When switched ON, this pedal allows you to play both of the devices connected to the Unit connectors at the same time.

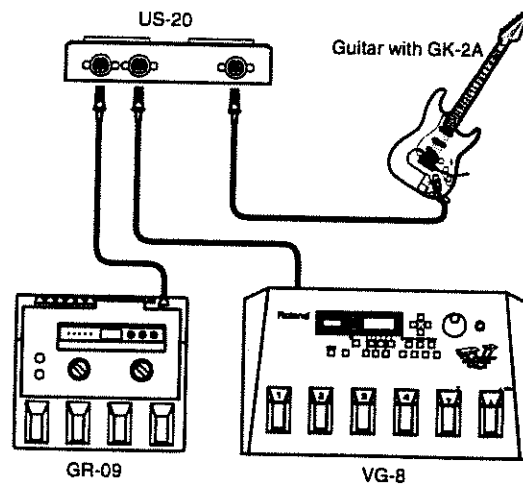
MAKING THE CONNECTIONS

After the GK-2A has been installed properly on your guitar, make the connections as shown below. For details on how to set up the GK-2A, please read the GK-2A's owner's manual.

* Make sure that all the units are switched off before making connections. If you make connections without switching off the units, speakers or other units may be damaged.

* Be sure to use only the supplied cables (e.g., C-13A, C-13C, C-13D). Using any other cables can cause problems. Also, make sure that the combined length of the cable run, stretching from the GK-2A through the US-20 to Unit A (or B), does not exceed 10 meters. For this reason, the C-13B (10 m) cable cannot be used, because it is too long for proper operation.

* Power to the US-20 is supplied by the unit connected to the UNIT A connector, through the 13-pin specialized cable. The power to the GK-2A is also supplied from UNIT A, via the US-20. Therefore, if you connect a device only to the UNIT B connector, neither the US-20 nor the GK-2A will work. To use only one device, connect it to the UNIT A connector.



UNIT SELECTION

Now that you have finished making the connections, you are ready to use the US-20 to select units to be played.

1. Set the Select switch on the GK-2A to [SYNTH].
2. Rotate [SYNTH VOL] on the GK-2A fully clockwise.
3. Play the guitar.

Unit Selection with the [A/B] Pedal Switch

Depress the [A/B] pedal, and the unit to be played will change. You can tell whether UNIT A or B is currently selected by viewing the LED.

Red : The unit connected to UNIT A is selected.

Green : The unit connected to UNIT B is selected.

Information about the setting for [SYNTH VOL] on the GK-2A and whether [DOWN/S1] or [UP/S2] has been pressed or not will be sent only to the currently selected unit.

Unit Selection with the [BOTH] Pedal Switch

Depress the [BOTH] pedal, and the LED will light in yellow and both units connected to UNIT A and B will be heard. However, information about whether [DOWN/S1] and [UP/S2] have been pressed or not will be sent only to the device selected with the [A/B] pedal switch.

Depress the pedal again, and the LED will go out and only the device selected with the [A/B] pedal switch will be heard.

** If you set the Select switch on the GK-2A to [MIX] or [GUITAR], the direct sound from the guitar can be heard. This guitar sound cannot be controlled with [SYNTH VOL] on the GK-2A or the [A/B] pedal switch on the US-20.*

That is, if you set the Select switch on the GK-2A to [MIX] or [GUITAR], the guitar sound will be output through the Guitar Out jack on the device connected to UNIT B, even if the [A/B] pedal has been used to select UNIT A.

SPECIFICATIONS

US-20 : Unit Selector

- Connectors
 - GK In Connector
 - Unit A Connector
 - Unit B Connector
- Dimensions
 - 160(W) x 134(D) x 38(H) mm
 - 6-5/16(W) x 5-5/16(D) x 1-1/2(H) inches
- Weight
 - 0.6 kg
 - 1 lbs 6 oz
- Accessories
 - GK Connecting Cable : C-13D(1.2m) x 2
 - Owner's Manual
- Options
 - Synthesizer Driver : GK-2A

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

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 Al 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 MermanZI
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

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

PANAMA

Productos Superiores,
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Apartado 655 - Panama I
REP. DE PANAMA
TEL: 26 3322

ARGENTINA

Instrumentos Musicales
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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 Veeng 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 Meile Street (Cnr Meile
and Juta Street)
Braamfontein 2001
Republic of South Africa
TEL: (011) 403 4105

Paul Bothner (PTY) Ltd.
17 Werdmuller Centre
Claremont 7700
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