

# US-20 UNIT SELECTOR

## OWNER'S MANUAL

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### 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 GR Guitar Synthesizer, VG 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

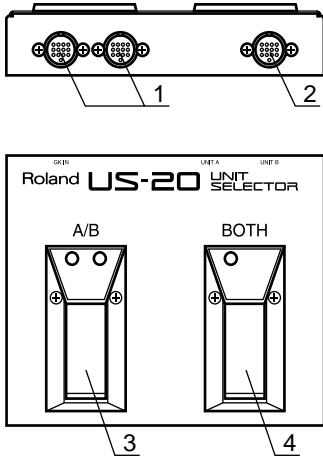
- Protect the unit from strong impact.

- 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, VG series, or GI-10) capable of being played with a divided pickup (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 divided pickup (GK-2A; available separately) to this connector using the 13-pin specialized cable (e.g., C-13A, C-13C, C-13D) or the GK cable (GKC-3, GKC-5; available separately) 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.

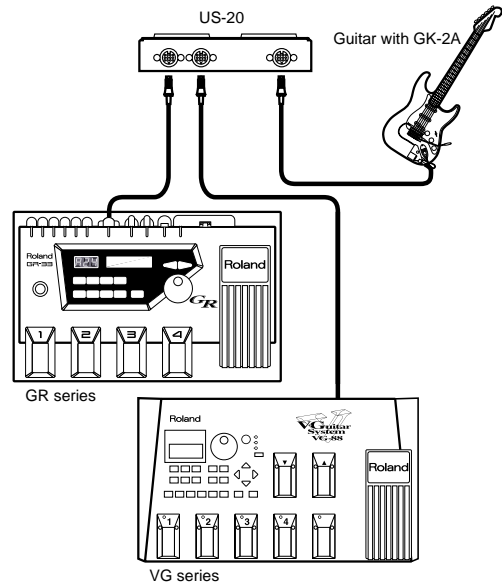
# MAKING THE CONNECTIONS

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) or the GK cables (GKC-3, GKC-5; available separately). 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) and the GKC-10 (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 A and B, even if the [A/B] pedal has been used to select UNIT A or B.

*\* When use with the Roland GR series, please set the GK-2A Synth Volume Function to "synth volume."*

*\* When use with the Roland VG series, please set the GK-2A Synth Volume Function to "master volume" or "pickup level."*

# 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

Divided Pickup : GK-2A

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

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



For Europe

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

# Information

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

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**Al Fanny Trading Office**  
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TEL: (02) 4185531

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Chaudron - BP79 97 491  
Ste Clotilde Cedex,  
REUNION ISLAND  
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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  
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SOUTH AFRICA, 7735  
TEL: (021) 674 4030

## ASIA

### CHINA

**Beijing Xinghai Musical  
Instruments Co., Ltd.**  
6 Huangmchang 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,  
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TEL: 2415 0911

### INDIA

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140 & 142, Jalan Bukit Bintang  
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**Swee Lee Company**  
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SINGAPORE 387381  
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75 Avenida Notre YY Alameda,  
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20020 Arese, Milano, ITALY  
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PL-03664 Warszawa POLAND  
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RO-4200 Gheorgheni  
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**MuTek**  
3-Bogatyrskaya Str. 1.k.1  
107 364 Moscow, RUSSIA  
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Barcelona, SPAIN  
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Enterprise Park, SWANSEA  
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