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 (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.

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.

CONTENTS

PANEL DESCRIPTIONS..........................................2
MAKING THE CONNECTIONS............................2
UNIT SELECTION....................................................3
Unit Selection with the [A/B] Pedal Switch........3
Unit Selection with the [BOTH] Pedal Switch....3
SPECIFICATIONS.....................................................3
Service Information...................................................4
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). 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.

* 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.

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.

* 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].
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.”

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.

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

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