




Roland



V-Guitar Distortion
GR-D
V-Guitar Space
GR-S



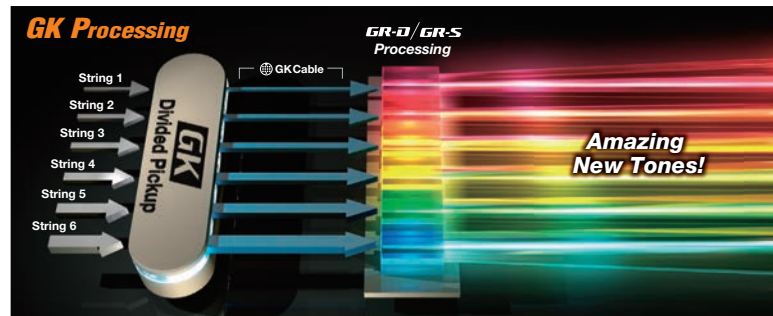
**Powered by GK processing, the revolutionary
GR-D and GR-S stompboxes open up
a universe of new sound possibilities.**





Unlock All-New Sounds with GK Processing

The GR-D and GR-S feature a 13-pin input for use with a guitar outfitted with a Roland GK-3 Divided Pickup or a GK-equipped instrument such as the GC-1 GK-Ready Stratocaster®. Unlike standard monophonic guitar pickups, the Roland GK pickup senses and isolates each individual string, sending them as six discrete signals to a 13-pin jack. When connected to a GK device like the GR-D/GR-S pedals, each string can be processed individually, opening up a universe of sound possibilities that are impossible with a normal ¼-inch guitar output.



Transform your guitar with the GK Divided Pickup

Divided Pickup for Guitar

GK-3 *GK*



- Detects individual signals from each guitar string
- Fully compatible with the GR-D/GR-S
- Easy to connect to your favorite guitar
- Features an adjustable curved design and pickup cable length



* Please check the dimensions and requirements of your guitar to ensure that the GK pickup and controller can be attached. For more information, please visit www.roland.com/V-Guitar/

GK-Ready Stratocaster®

GC-1 *GK*

- Built-in divided pickup that expands the creative possibilities of the Fender® Stratocaster®
- Create amazing sounds with the GR-D/GR-S
- Simple and easy operation based on the Stratocaster design concept



* GR-D/GR-S requires a GK cable, and the GK-3 or GK-pickup installed guitar such as the GC-1 GK-Ready Stratocaster®.

V-Guitar Distortion GR-D GK



Bold Distortion Tones for Modern Players

The GR-D V-Guitar Distortion offers unique distortion and synth tones. By applying separate distortion processing to each string, the atonal harmonic artifacts of mono distortion are completely eliminated. This results in incredible string definition and clarity, even with full, complex chords and extremely high levels of gain. In addition, picking dynamics are greatly enhanced. Four memory locations let you store your favorite sounds. A Solo function, accessible with one of the pedal's two footswitches, boosts the volume presence of the sound for lead playing.

TYPE

VQ-DIST 1	By processing each string independently, the high-notes are thick and powerful while the low-notes remain punchy and clear — a unique distortion sound that's impossible to reproduce with conventional pickups and effects processors.
VQ-DIST 2	A rich, powerful distortion sound and layered synth-like textures generated with GK processing.
POLY DIST	This sound is great for playing chords. The individual string processing technology delivers clear, uncluttered distortion sound while retaining a fat, full tone.
SYNTH	Since the actual string vibrations are used to generate the sound, rather than an oscillator, this analog-synth sound responds dynamically to all picking nuances.

Check out the GR-D in action! www.roland.com/V-Guitar/

Rear Panel



Setup Example

The GK-3 or GK-Pickup installed guitar



GK Cable



GR-D



Multi-Effects GT-100
BOSS



Guitar Amp
GA Series

V-Guitar Space GR-S GK



Amazing Tones to Expand Your Sound Palette

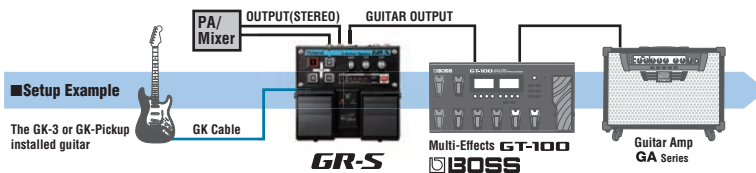
The GR-S V-Guitar Space features independent processing for each guitar string, giving you four amazing tones that transport your axe to a new dimension of sound, including Crystal, Rich Modulation, Slow Pad, and the multi-string emulation of Brilliant Clean. The Color knob offers wide tonal possibility to each four tones. Four memory locations let you store your favorite sounds. A Freeze function, accessible with one of the pedal's two footswitches, lets you hold sounds indefinitely for lead backing and expressive effects.

TYPE

1	CRYSTAL	Shimmering, transparent sounds with metallic resonance that expand when playing chords, and contract to the center when playing single notes. Use the Color knob to control the amount of metallic texture ringing in the higher registers.
2	RICH MODULATION	The chorus effect is applied to the strings separately to produce a beautiful, dreamy sound. Control the depth of the chorus effect with the Color knob.
3	SLOW PAD	Thanks to individual string processing, this silky synth-pad sound enables excellent playability across the strings. The Color knob controls the attack speed.
4	BRILLIANT CLEAN	Instantly transform your guitar into a rich, sparkling 12-string guitar. Turn the Color knob to gradually blend in a virtual third string for each string, morphing your guitar into an 18-string instrument.

Check out the GR-S in action! www.roland.com/V-Guitar/


Rear Panel



■ Specifications


GR-D	
Nominal Input Level	MIX INPUT: -10 dBu, GUITAR INPUT: -20 dBu
Input Impedance	MIX INPUT: 1 M ohm, GUITAR INPUT: 1 M ohm
Nominal Output Level	OUTPUT: -20 dBu, GUITAR OUTPUT: -20 dBu
Output Impedance	OUTPUT: 2 k ohms, GUITAR OUTPUT: 2 k ohms
Recommended Load Impedance	10 k ohms or greater
Controls	ON/OFF pedal, SOLO pedal, TYPE knob, GAIN knob, COLOR knob, TONE knob, LEVEL knob, SELECT button, WRITE button, OUTPUT SELECT switch
Indicators	POWER indicator (serves also as battery check indicator), ON/OFF indicator, SOLO indicator
Connectors	MIX/GUITAR INPUT (R, L/MONO) jacks, GK IN connector, GUITAR OUTPUT jack, OUTPUT (R, L/MONO) jacks, DC IN jack
Memory	4
Type	VG-DIST 1, VG-DIST 2, POLY DIST, SYNTH
Power Supply	Alkaline battery (AA, LR6) or Carbon-zinc battery (AA, R6) x 6, AC Adaptor (BOSS PSA-series: optional)
Current Draw	200 mA (9 V, when used with GK-3)
Expected battery life under continuous use	Alkaline battery: Approx. 7 hours, Carbon-zinc battery: Approx. 2 hours These figures will vary depending on the actual conditions of use.
Dimensions	173 (W) x 158 (D) x 57 (H) mm, 6-13/16 (W) x 6-1/4 (D) x 2-1/4 (H) inches
Weight	1.1 kg, 2 lbs 7 oz (including batteries)
Accessories	Owner's Manual, Alkaline Battery (AA, LR6) x 6

■ Options

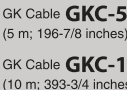


Unit Selector **US-20** *GK*

This device lets a single guitar control two GK-compatible units such as the GR-D and GR-S.




GK Cable **GKC-5** *GK*
(5 m; 196-7/8 inches)



GK Cable **GK-10** *GK*
(10 m; 393-3/4 inches)

AC Adaptor
(PSA-series)

 **BOSS**

* 0 dBu = 0.775 Vrms



Visit us online at www.Roland.com

GR-S	
Nominal Input Level	MIX INPUT: -10 dBu, GUITAR INPUT: -20 dBu
Input Impedance	MIX INPUT: 1 M ohm, GUITAR INPUT: 1 M ohm
Nominal Output Level	OUTPUT: -20 dBu, GUITAR OUTPUT: -20 dBu
Output Impedance	OUTPUT: 2 k ohms, GUITAR OUTPUT: 2 k ohms
Recommended Load Impedance	10 k ohms or greater
Controls	ON/OFF pedal, FREEZE pedal, TYPE buttons, COLOR knob, TONE knob, LEVEL knob, SELECT button, WRITE button, OUTPUT SELECT switch
Indicators	POWER indicator (serves also as battery check indicator), ON/OFF indicator, FREEZE indicator
Connectors	MIX/GUITAR INPUT (R, L/MONO) jacks, GK IN connector, GUITAR OUTPUT jack, OUTPUT (R, L/MONO) jacks, DC IN jack
Memory	4
Type	CRYSTAL, RICH MODULATION, SLOW PAD, BRILLIANT CLEAN
Power Supply	Alkaline battery (AA, LR6) or Carbon-zinc battery (AA, R6) x 6, AC Adaptor (BOSS PSA-series: optional)
Current Draw	200 mA (9 V, when used with GK-3)
Expected battery life under continuous use	Alkaline battery: Approx. 7 hours, Carbon-zinc battery: Approx. 2 hours These figures will vary depending on the actual conditions of use.
Dimensions	173 (W) x 158 (D) x 57 (H) mm, 6-13/16 (W) x 6-1/4 (D) x 2-1/4 (H) inches
Weight	1.2 kg, 2 lbs 11 oz (including batteries)
Accessories	Owner's Manual, Alkaline Battery (AA, LR6) x 6

V-Guitar Global Official Page



Visit the V-Guitar website for the latest in guitar technology!

www.roland.com/V-Guitar/



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