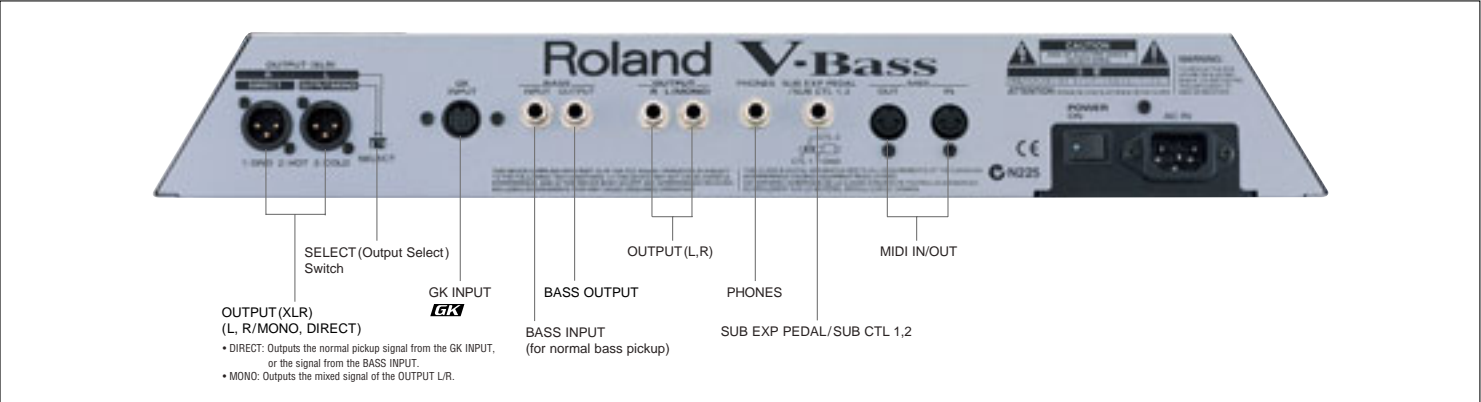


■ V-Bass Rear Panel



■ V-Bass Specifications

AD Conversion	24-bit AF Method* (BASS INPUT), 20-bit (GK INPUT)	Display	Full-graphic LCD (160 x 64) with backlit 8 segment, two-digit LED
DA Conversion	20-bit 128 times oversampling	Connectors	GK INPUT, BASS INPUT, BASS OUTPUT, OUTPUT L (MONO), OUTPUT R, OUTPUT (XLR) L/(MONO), OUTPUT (XLR) R/DIRECT, PHONES, SUB EXP PEDAL/SUB CTL1, 2, MIDI IN, MIDI OUT
Sampling Frequency	44.1 kHz	Power Consumption	24 W (AC 117 V, 230 V, 240 V)
Program Memories	200: 100 (Preset) + 100 (User)	Dimensions	504 (W) x 303 (D) x 101 (H) mm, 19-7/8"(W) x 11-15/16" (D) x 4" (H)
Nominal Input Level	INPUT: -10 dBu	Weight	4.9 kg (10 lbs. 13 oz.)
Input Impedance	INPUT: 1 M Ω	Accessory	GK Connecting Cable C-13A (5 m)
Nominal Output Level	OUTPUT: +4 dBu, OUTPUT (XLR): +4 dBu (BALANCED), BASS OUTPUT: -10 dBu		
Output Impedance	OUTPUT: 2 k Ω , OUTPUT XLR: 600 Ω [2 Pin (HOT) - 3 Pin (COLD), 300 Ω 2 Pin (HOT) - 1 Pin (GND), 300 Ω 3 Pin (COLD) - 1 Pin (GND)], BASS OUTPUT: 2 k Ω		
Dynamic Range	100 dB or greater (IHF-A)		

*AF Method (Adaptive Focus method): This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters. *0 dBu = 0.775 Vrms.

■ Modeling Variations

COSM BASS TYPE	<ul style="list-style-type: none">ACOUSTICELECTRICFRETLESSVARI BASS	<ul style="list-style-type: none">WAVE SYNTHOSC SYNTHFILTEREDBOWED	<ul style="list-style-type: none">PIPECRYSTALORGANBRASS	<ul style="list-style-type: none">PEDAL PITCH SHIFTPOLY OCTAVEPOLY DISTORTIONPOLY SLOW GEAR
ELECTRIC BASS TYPE	<ul style="list-style-type: none">VINT JBJB	<ul style="list-style-type: none">VINT PBPB	<ul style="list-style-type: none">RICKT-BIRD	<ul style="list-style-type: none">ACTIVEVIOLIN
PICKUP (TYPE = VARI BASS)	TYPE	FRONT/REAR/F+R	SIZE, BODY, LEVEL, RESO, BOTTOM	
PICKUP (TYPE = ACOUSTIC BASS)	TYPE	CONTROL	SIZE, BODY, LEVEL, ATTACK, SUSTAIN, RESO, BOTTOM	
BODY (TYPE = VARI BASS)	TYPE	CONTROL	SIZE, BODY, LEVEL, ATTACK, SUSTAIN, RESO, BOTTOM	
BODY (TYPE = ACOUSTIC BASS)	TYPE	CONTROL	SIZE, BODY, LEVEL, ATTACK, SUSTAIN, RESO, BOTTOM	
POLYPHONIC EFFECT	TYPE	CONTROL	SIZE, BODY, LEVEL, ATTACK, SUSTAIN, RESO, BOTTOM	

The Next Generation of Bass Guitar Pickup.

The GK-2B Divided Pickup for Bass sends an individual output for each string of a 4-, 5- or 6-string bass. Thanks to a unique design with moving magnets, you can set it up for optimal performance with a range of bass guitars.*

*Note that the V-Bass is the only product currently compatible with the GK-2B pickup. You cannot use this pickup with the GR-33, VG-88, or WP/OC-20G.

■ Sample Setups

The distance between strings should be 16 mm to 19 mm.

■ V-Bass Effects List

<ul style="list-style-type: none">COMPRESSOR/LIMITERWAHCOSM OVERDRIVE/DISTORTION (BLUES OD, TURBO OD, BASS OD, DIST, GUV DS, METAL ZONE, MUFF FUZZ, '80s FUZZ, OCT FUZZ)	<ul style="list-style-type: none">EQUALIZERMODULATION (HARMONIST, PSHIFTER, FLANGER, PHASER, SUB EQ, 2 x 2 CHORUS, TREMOLO, PAN, PD SHIFT, VIBRATO)DELAY	<ul style="list-style-type: none">CHORUSREVERBNOISE SUPPRESSORFOOT VOLUME
--	--	--

■ Options

EV-5 Expression Pedal

FV-300L Volume/Expression Pedal

FS-5U Footswitch (Unlatch)

FS-5L Footswitch (Latch)

DP-2 Pedal Switch

GKC-3 GK Cable (3m)

GKC-5 GK Cable (5m)

GKC-10 GK Cable (10m)



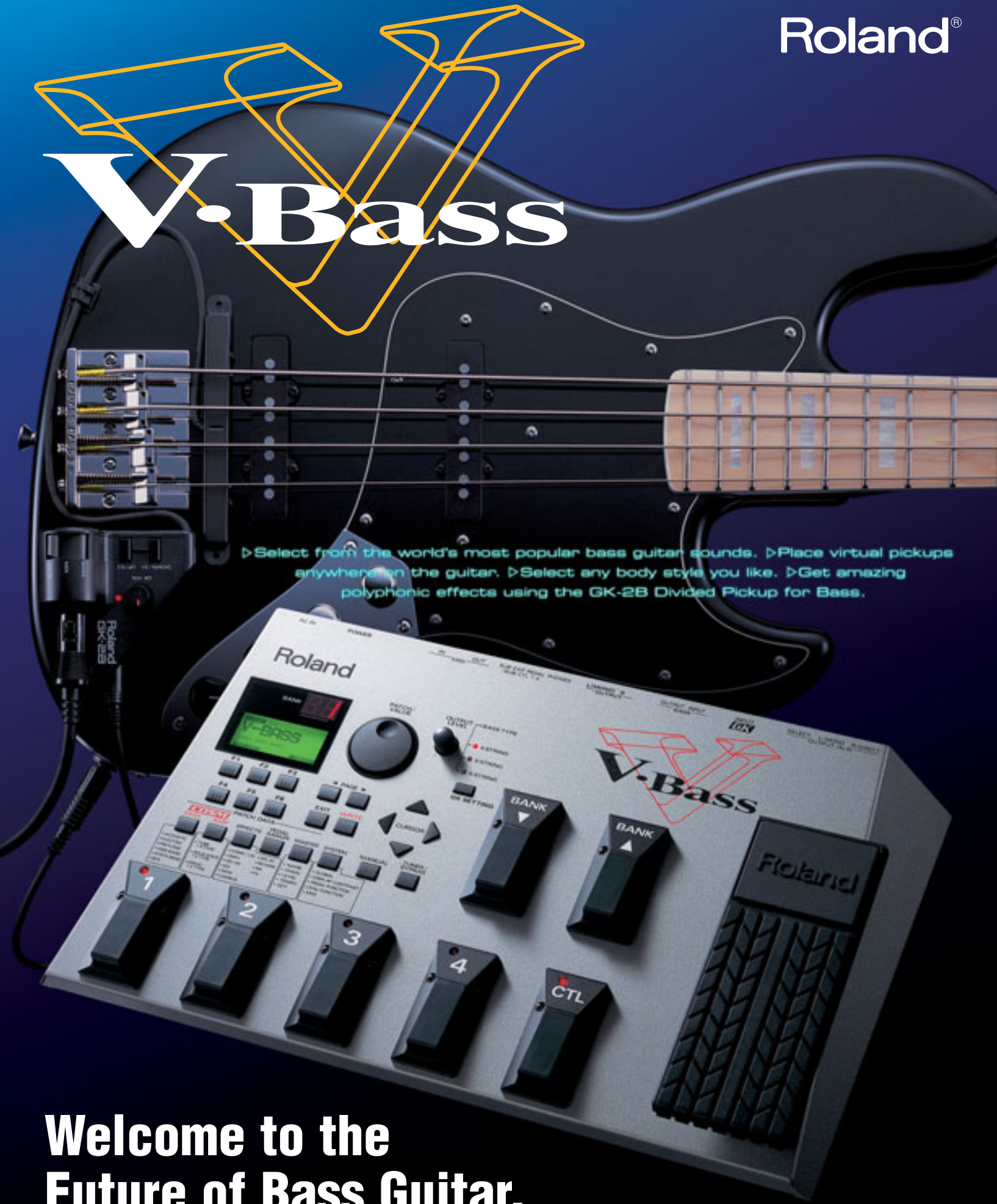
Visit us online at www.roland.co.jp

All specifications and appearances subject to change without notice. All trademarks are the property of their respective companies.

Printed in Japan Mar. 2002 RAM-3534 ERK-GEN-SE BFE-2



V-Bass



Welcome to the Future of Bass Guitar.



A Bass Processing System with Endless Possibilities.

Sonic Inspiration Starts Here.

Imagine a bass guitar processing system which accurately models the world's most popular basses—everything from classic electrics to upright acoustic bass, fretless bass and more—and combines them with the sounds of the world's greatest amplifiers and polyphonic synth effects. That's the power of the Roland V-Bass, a floor-based processor which takes bass guitar into new sonic dimensions.

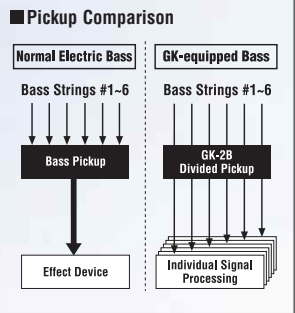
Introducing GK-2B Divided Pickup for Bass.

The new GK-2B is the first bass pickup which sends an individual output for each string of a 4-, 5- or 6-string bass. This allows the V-Bass to process each string separately, resulting in stunning bass guitar effects. The GK-2B can be easily user-installed on standard electric basses.



Extremely Natural Response with Polyphonic Processing.

Since the GK-2B Divided Pickup detects the vibrations of each string individually and in real time, so there's no delay. All of the V-Bass' processing is then performed to the actual waveforms from the strings, so all of your expressive nuances remain intact. As a result, playing through the V-Bass feels like playing through an amp, but with so many more possibilities.



COSM® Bass Modeling: The Power Behind the V-Bass.

Building upon the knowledge and experience gained from V-Guitar technology, Roland developed all-new COSM Bass technology to

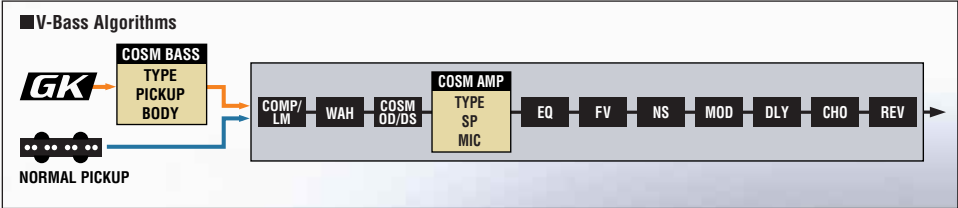
power the V-Bass. COSM Bass technology can process a standard bass guitar with a GK-2B Divided Pickup to sound like a variety of other basses—including acoustic upright bass, fretless bass, a variety of classic electric basses, synth bass and more—and you can even design custom basses by combining different body types and pickup configurations. Of special note is the polyphonic pitch shifting, which can re-pitch individual strings for instant alternate tunings and wild sound effects. The V-Bass' polyphonic processing also provides some of the best-sounding synth bass tones ever developed, and you can even play synth bass chords!

COSM BASS TYPE		
• ACOUSTIC	• FILTERED	• PEDAL PITCH SHIFT
• ELECTRIC	• BOWED	• POLY OCTAVE
• FRETLESS	• PIPE	• POLY DISTORTION
• VARI BASS	• CRYSTAL	• POLY SLOW GEAR
• WAVE SYNTH	• ORGAN	
• OSC SYNTH	• BRASS	

ELECTRIC BASS TYPE		
• VINT JB	• PB	• ACTIVE
• JB	• RICK	• VIOLIN
• VINT PB	• T-BIRD	• M-MAN

Unsurpassed Bass Amp Sounds.

As a recording and performance tool, the V-Bass stands alone. Thanks to COSM Bass Amp Modeling, the V-Bass can precisely model the sound of classic and modern bass amps, from "CONCERT 810" and "SESSION" models to "T.E.", "BASS 360" and others—all giving you the sonic signature and control of the original classic amps. Dial in the tone of these models



like the originals, then pair them with a variety of modeled speaker cabinets to get just the sound you're after. You can even select the mic position on the speaker cab for a legit full sound. So why lug a stack of bass amps when you can plug in and get just the right sound, every time, with the V-Bass?



Effects for All Seasons.

The comprehensive effects processing section of the V-Bass features a variety of wah sounds, modeled overdrive/distortion pedals, compressors, pitch shifting, extensive EQ, delay, chorus and reverb. All of these effects rank among the finest Roland and BOSS have ever produced. Select an overdrive/distortion pedal model for a bit of grind, tap into killer octave and chorusing, create and save custom pitch-shifted sounds, and much much more.



COSM AMP TYPE		SPEAKER TYPE	MIC SET
• CONCERT 810	• BASS 360	• 1 x 15"	• -5 to +10
• FLIP TOP	• SUPER FLAT	• 1 x 18"	
• B MAN	• AC BASS	• 2 x 15"	
• VO DRIVE	• MS STACK	• 4 x 10"	
• SESSION	• HI-GAIN STACK	• 8 x 10"	
• T.E.	• METAL STACK	• ORIGINAL	



Roland's Revolutionary V-Bass

With the V-Bass, not only can you make your regular fretted instrument sound like an acoustic or fretless bass, but you can also choose simulated pickup configurations and placements. And most exciting to me is the fact that you have access to great synth-bass sounds and can control many sound design parameters. All of this and much more—with incredible tracking! Are you ready for the V-Bass? I am.

Alain Caron
Alain Caron

