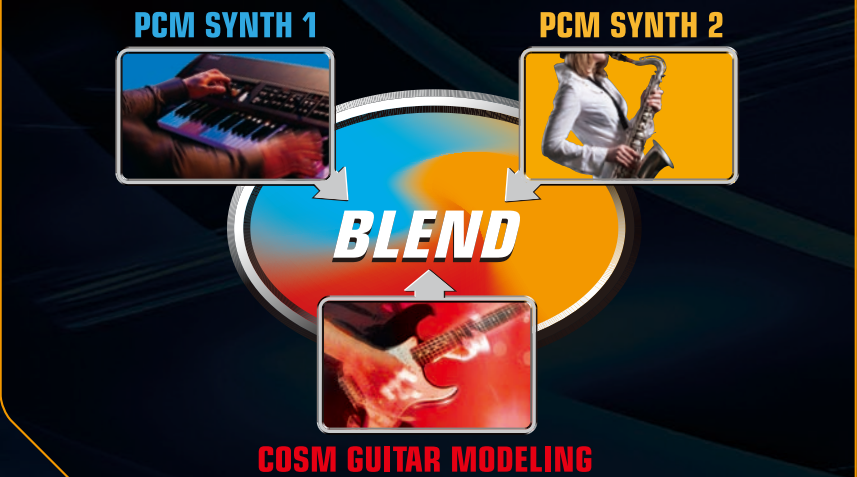


Amazing sound at your fingertips! Express your originality and imagination with the new generation of GR.

New Sound Possibilities

Infinite possibilities from two types of synth tones + COSM guitar modeling

Loaded with sounds that respond to every turn of your imagination, including never-experienced heavy and thick tones, astral sounds, and the ultimate in clear tone. The GR-55 blends two types of synth sounds and with COSM guitar modeling to reproduce a broad range of guitar tones and expressive effects.



Superior Playability

With exceptional sound response, the GR-55 delivers playability that is second to none

Experience the GR-55's amazing high-speed tracking based on the latest pitch-detection technology. In addition to latency-free guitar modeling, it offers infallible response for playing fast phrases!



Easy to Use

Use powerful presets for sounds you can use right away

Use the LEAD button for sounds suited for solo performances, or RHYTHM for rhythm guitar playing. It comes with a Sound Style function that lets you easily select sounds that you can use right away for specific styles of music such as rock and pop.



COSM Amp Models and Effects



Perfection in creating authentic guitar tones

The GR-55 features a world-class lineup of COSM models that replicate vintage masterpiece guitar amps, plus effects equal to BOSS's flagship GT class.

Specifications

Sound Generator	PCM: 2 tones, Modeling: 1 tone	USB Memory Audio Player	File Format: WAV, AIFF
Tones	PCM: 910 types, Modeling: 23 types (guitar mode), 17 types (bass mode)	Display	Graphic LCD 240 x 64 dots
Effects	MX (Multi-Effects): 20 types, AMP (Preamp): 42 types, MOD (Modulation): 14 types, DELAY: 7 types, REVERB: 5 types, CHORUS: 4 types, EQ: 1 type	Connectors	GK IN connector (13-pin DIN type), GUITAR OUT jack (1/4-inch phone type), OUTPUT L/MONO, R jacks (1/4-inch phone type), PHONES jack (Stereo 1/4-inch phone type), MIDI connectors (IN, OUT) (5-pin DIN type), USB COMPUTER connector (supports USB 2.0 Hi-Speed USB MIDI and USB Audio), USB MEMORY connector (supports USB 2.0 Hi-Speed Flash Memory), DC IN jack
Patch Memory	[Guitar mode] Preset: 270 + User: 297, [Bass mode] Preset: 90 + User: 297	Power Supply	DC 9 V
AD Conversion	24-bit (GK Pickup), 24-bit + AF method (Normal Pickup) * AF method (Adaptive Focus method) / This is a proprietary method from Roland & BOSS that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.	Current Draw	700 mA
DA Conversion	24-bit	Dimensions	405 (W) x 244 (D) x 78 (H) mm, 16 (W) x 9-5/8 (D) x 3-1/8 (H) inches, Maximum height: 405 (W) x 244 (D) x 106 (H) mm, 16 (W) x 9-5/8 (D) x 4-3/16 (H) inches
Sampling Frequency	44.1 kHz	Weight	3.3 kg / 7 lbs 5 oz (excluding AC adaptor)
Nominal Output Level	OUTPUT jacks: -10 dBu, GUITAR OUT jack: -10 dBu	Accessories	AC adaptor, Owner's manual, Divided pickup GK-3 *GK included model (GR-55GK) only, GK cable (5 m) *GK included model (GR-55GK) only
Output Impedance	OUTPUT jacks: 2 k ohms, GUITAR OUT jack: 2 k ohms		

Options (sold separately)

GR-55 Bass mode delivers amazing tone and expressiveness to bassists.

Attach the GK-3B divided pickup to your bass, and you can play superb synth sounds with COSM bass-guitar and -amp modeling.

Divided Pickup for Bass GK-3B

- Simple to install with included holder
- Accommodates a variety of bass-guitar types, as it can be attached to "float" above the bridge
- The GK-3B can adjust to specific string positions, supporting both 5- and 6-string basses

USB Flash Memory M-UF2G

2 GB USB memory key

Unit Selector US-20

Allows a single guitar to control two GK-compatible units

GK Cable GK-5 (5 m/196-7/8 inch)

GK Cable GK-10 (10 m/393-3/4 inch)

Guitar Synthesizer Global Official Page

www.roland.com/GK/

Experience the most advanced technology for guitars.

Tap into a creative universe for guitar and bass — Guitar Synthesizer, V-Guitar, and V-Bass — with the Roland GK pickup. Hear from star artists and enjoy dynamic demo performances!

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, an advanced DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with Roland/EDIROL video products. With V-LINK, musicians have a powerful interface for realtime audio and video integration.

GUITAR SYNTHESIZER GR-55

A New Era of Sound, Power, & Performance

Advanced synth sounds and authentic guitar tones come together in this amazing instrument.

The new GR has arrived!

For rock! For pop! For any style of music you play! If you're looking for crowd-captivating, cool, and powerful guitar sounds, the GR-55 is your dream machine. It provides exceptional expression and diverse sound from its guitar-synth + COSM guitar-modeling engine that instantly recreates the sounds of different guitar types and irregular tunings. You can also access the sounds of masterpiece vintage guitar amps as well as world-famous BOSS GT-series guitar effects. This unit covers all known bases, and beyond. GR is the epicenter of a new guitar revolution!

Listen to the dramatic sounds of the GR-55 on the web!
www.roland.com/GK/

GR

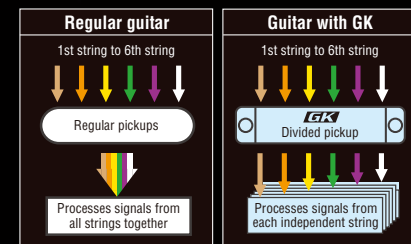
Guitar Revolution

GR-55 is a colorful new universe of tone and creativity

The Power of GK

This advanced pickup enables you to precisely create tones for each independent string.

- Unlike traditional pickups, the GK pickup detects individual signals from each guitar string
- Create amazing sounds by processing tones and pitch any way your imagination leads you



This product is available in two versions.

GR-55GK

The GR-55GK comes with a GK-3 pickup and GK cables.



GR-55S

The GR-55S does not come with a GK-3 or GK cables.



Over 900 types of synth tones onboard

The PCM guitar-synth tones built-into the GR-55 cover a broad range, including piano, organ, strings, horns, woodwinds, ethnic instruments, synth textures, and synth leads, as well as rhythm, voices, and sound effects. To select a tone, all you have to do is select a category and variation.

COSM guitar modeling deliver superior expression

The GR-55 houses COSM models of masterpiece electric and acoustic guitars. You can also instantly access irregular tunings and 12-string guitar tones.

Wide variety of amp sounds and effects onboard

The GR-55 comes with BOSS GT-class effects and COSM amps. You can freely choose sounds from an extensive range of amps that are considered to be vintage masterpieces, and add distortion effects including overdrive as well as high-quality spatial effects. You can also use the effects for synth tones as well.

USB memory port

Use USB memory device for playing back audio files or to back up your data. The port is protected with a flap to keep dust out.



Sync video to your performance

The GR-55 supports V-LINK, which lets you sync video functions to your performance to create dramatic multimedia stage performances.

Sound Style helps you find the perfect sound fast

Choose from 270 types of sounds in guitar mode and 90 types in bass mode. You'll find solo patches in LEAD, backing tones in RHYTHM, and special-effects patches in OTHER that are unique to the GR-55. These let you quickly choose the best sound for your needs.

Large, easy-to-view display

The GR-55's large display is easy to view even when you're on stage. With graphical images of effects algorithms and other information, the display makes it very convenient to confirm and edit your settings at a glance.



Works great with your PC for recording and guitar-to-MIDI conversion

With the GR-55's USB audio and MIDI support, you can record directly to your PC, or send your guitar-performance data to your PC as MIDI information. Tap into the power and flexibility of a GR and PC combination workstation.

Built-in expression pedal

In addition to controlling volume, this pedal can be used to control the balance between synth tones and distorted guitar tones in real time, as well as to control effects parameters.

Intuitive sound creation with EZ Edit

Wet or dry? Warm or bright? Simply move your cursor across this 4-directional grid to easily create the sound you're looking for.



Bass-guitar modeling

The GR-55 is the most powerful tool in a bassist's arsenal. Simply by switching to Bass mode, you can instantly access the library of preset tones as well as access the COSM bass engine. You can essentially convert the GR-55 to a dedicated bass unit equipped with COSM bass amps.



Tuner function onboard

Instantly activate the built-in tuner mode with the press of a pedal. The tuner automatically displays the tuning of all six strings individually, helping you tune quickly.

Create multi-layered loops in real time

The GR-55 comes with a Phrase Loop function that lets you record phrases on top of another to create dramatic loop performances.



Create one-person band performances with audio playback

The Audio Play function lets you play audio files directly from a USB memory device. This is a great feature for creating one-person band performances where you play your guitar along with backing and rhythm tracks, or for play-along practice sessions.