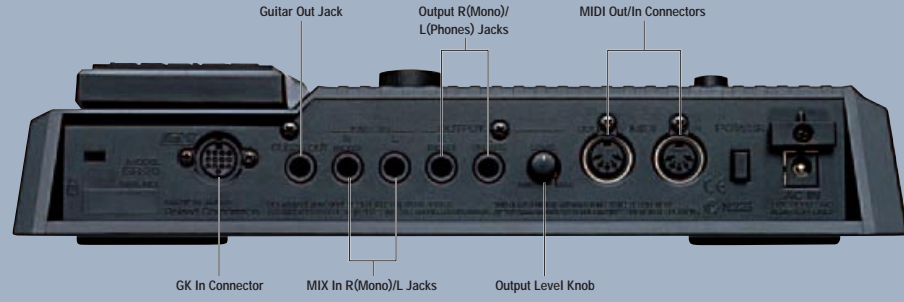


■ Rear Panel



■ GR-20 Specifications

- Maximum Polyphony 48 voices ● Patches User: 99, Preset: 469 ● Effects MULTI-FX (included in the patches), Chorus, Delay/Reverb ● Display 7 segments, 2 characters LED ● Connectors GK In, Guitar Out, MIX In L/R (Mono), Output L (Phones)/R (Mono), MIDI (In, Out), AC In ● Power Supply AC 14 V (AC Adaptor) ● Current Draw 600 mA ● Dimensions 313.8 (W) x 244.9 (D) x 63.1 (H) mm, 12-3/8 (W) x 9-11/16 (D) x 2-1/2 (H) inches ● Weight 1.7 kg, 3 lbs 12 oz (excluding AC Adaptor) ● Accessories Divided Pickup (GK-3), AC Adaptor (BRC series), GK Cable (5 m)

■ Preset Patch List

PIANO 1 Ac Piano 2 Rock Piano 3 Piano / Bass 4 Hard Piano 5 Heavy Tank 6 Piano & Strings 7 Piano & Orchestra 8 Piano & Choir Oahs 9 Piano & Choir Aahs 10 Wood Clavi 11 Grand EP 12 Hard Rhodes 13 Rhodes 14 Phesur Rhodes 15 Touch Senses E.P 16 Soft Rhodes 17 Smooth Rhodes 18 Low E.P 19 E.P / Bass 20 Wind E.P 21 Crystal Piano 1 22 Crystal Piano 2 23 Fantasy Piano 24 Silky E.P Pad 25 Delicate E.P Pad 26 Chorus E.P Pad 27 E.P & Strings 28 E.P & Choir 29 Great Rhodes 30 GR Ballad 31 Pulse E.P 32 Shattering 33 Dynamic Piano 34 Minor Mood	ORGAN/KB 1 Rock Organ 1 2 Rock Organ 2 3 Rock Organ & Pedal Organ 4 Rock Organ & Wood Bass 5 Rock Organ & E.Bass 6 Purple Organ 7 Rock Organ 3 8 Jazz Organ 1 9 Jazz Organ 2 10 Jazz Organ & Pedal Organ 11 Jazz Organ & Wood Bass 12 Jazz Organ & E.Bass 13 Jazz Organ 3 14 Jazz Organ 4 15 Gospel Organ 16 60's Organ 17 F.P. / Bass 18 Cathedral 19 Church Choir 20 Rotary Choir Organ 21 Fantasy Piano 22 Organ E.P Pad 23 Organ & Synth Strings 24 Clavi 25 Retro Clavi 26 Phase Clavi 27 JUNG Clavi 28 JUNG Keys 29 Hagschord 30 Baroque Piano 31 Dynamic Piano 32 New Hagschord	BASS/GTR 1 Wood Bass 2 Wood Pick Bass 3 Electric Bass 4 Phased Bass 5 Fretless Bass 1 6 Fretless Bass 2 7 Slap Bass 8 Touch Wah Slap Bass 9 FM Bass 10 FM Bass + Low 11 Flat Bass 12 Wind Bass 13 2020 Bass 14 Soft Reso Bass 15 101 Bass 16 JUNG Clavi 17 JUNG Keys 18 Wonder Bass 19 Res Bass 1 20 Res Bass 2 21 Heavy	22 System Bass 23 Low Parade Bass 24 Mic Reso Bass 25 MG Reso Bass 26 Body Bass 27 In Sync 28 Throw up 29 Restoration 30 Nylon Guitar 31 Nylon Duet 32 Nylon & Strings 33 Nylon & Choir 34 Ac Guitar 35 Ac Guitar Oct 36 Ac Guitar + Low 37 12 Str Guitar 38 12 Str & Synth Strings 39 12 Str Heaven 40 Guitar & Pad 41 Feedback 42 Whammy 43 Touch Wah Slap Bass 44 Small Amp Dist Vib 45 Digital Rock Guitar 46 Orguitar	9 Top Section 10 Brass Section 11 NewYork Brass 12 Brass & Sax 1 13 Brass & Sax 2 14 French Horns 15 French Horns 16 French Heaven 17 Flat Brass 18 Brassy Saws 19 Nylon Gtr 20 Nylon & Glocken 21 Retro Synth Strings 22 Xpensive Synth Brass 23 Synth Brass 2 24 Synth Brass 3 25 Synth Brass 4 26 Fat Synth Brass 27 Breathy Brass 28 Lead Brass 29 Brass & Pad 30 Confident Lead 31 Bright Synth Brass 32 Brass R ! 33 Synth Brass Chord 34 Windy Brass	8 Sax Ensemble 9 Sax Section & Baritone Sax 10 Sax Section & Baritone Sax 11 Sax Section Oct 12 Harmonica 13 Blues Harp Oct 14 Blues Harp Dist 15 Piccolo 16 Flute 17 Attack Flute 18 Piccolo & Glocken 19 Flute & Glocken 20 Piccolo & Flute 21 Flute & Clarinet 22 Growl Flute 23 Moving Strings 24 Playback Flute 25 Clarinet 26 Clarinet Duet 27 Oboe 28 Bassoon 29 Oboe & Bassoon 30 Wind Ensemble Cresc. 31 Wind Ensemble 32 Synth Brass Chord 33 Windy Brass	10 Good Old Strings Pad 11 Silicon Strings 12 Lo-Bows 13 Marcato Strings 14 Pizzicato 15 Violin Vib 16 Violin 17 Collo 18 Collo Vib 19 Synth Cello 20 Nylon Gtr 21 Retro Synth Strings 22 Retro Synth Strings Oct 23 Square Lead 4 24 Basic 25 OR Lead 26 House Of Flute 27 Attack Organ Lead 28 No Bob No Hope 29 House Of Phage 30 Attack Organ Lead 31 Minor In Pad 32 Phob Tron 33 Sentimental	44 Hazi Lead 45 Vocoder 46 Sweep Reso Lead 47 Heavy Boost Lead 48 Morph 49 Sweep Lead 50 Sync Sweep 51 Vibro Sweep 52 Nylon Gtr 53 Slap Saws 54 Touch Filter 55 Trade Mark Lead 56 Retro Synth 57 No Bob No Hope 58 House Of Phage 59 Attack Organ Lead 60 Minor In Pad 61 Heavy Oct Lead 62 Mental Chord 63 House Chord 1 64 House Chord 2 65 Flack 66 Waves 67 Enterprise 68 Chasing VOC 69 Poly Sync 70 Gated 71 Arpeggio Choir 72 Melancholia 73 Spaced Voice 74 Voice Pad 999 75 Choir & Sweep 76 Wide Vox 77 Choir & Pad 1 78 Sequencer	79 Poly Key 80 Sandy Synth Attack 81 Diverse Synth Attack 82 For Synth Arpeggio 83 Reso Synth Attack 84 Hazy Pad 85 Fat Ana Lead 1 86 Fat Ana Lead 2 87 Wire Key 88 Pulse Key 89 Body Keys 90 Velo Sense 91 Sugar Key 92 Phob Tron 93 Sentimental	19 Chorus Vtr Pad 20 Hazy Pad 21 S&H Layer 22 Wide Pad 23 Lead On Mars 24 Hazy Pad 25 JUNO Pataris 26 Darkshine 1 27 Darkshine 2 28 Dig Saw Pad 29 Analog Drama 1 30 Saw Sweep 1 31 Saws Sweep 2 32 Xpensive Synth Pad 33 Wild of Sand 34 Super Bright Pad 1 35 Super Bright Pad 2 36 Pivotal Pad 37 Pulsify 38 Village Orchestra 39 Koto Heaven 40 Analog Drama 2 41 Soft Pad Oct 42 Soft Pad 43 Pad / Bass 44 Silky Way 45 JP-8 Haunting 46 Shind Glass 47 Glass Voices 48 2.2 Warm Dream 49 Moving Fine Wine 50 2.2 Bright Dream 51 Wine Pad 52 Glassy Pad 53 Darkshine 3	54 Soundtrack Seal 55 Warm Pad 56 Changes ETHNIC 1 Sitar 2 Sitar & Morocco Phrase 3 Sitar & Tampara 4 Sitar & Drone 5 E Sitar 6 Sitar & Tabla 7 Sitar & Tabla Phrase 8 Sitar Pad 9 Banjo 10 Sitar Banjo 11 Fiddle 12 Flat Mandolin 13 Flat Mandolin Tremolo 14 Guitar & Morocco Phrase 15 Koto 16 Koto Heaven 17 Shamisen 18 Shamisen Ensemble 19 Synth Shamisen 20 Sanshin 21 Sanshin Soft 22 Kayagum 23 Ehu 24 Ehu Vib Soft 25 Ehu Vib Hard 26 Ehu & China Phrase 27 Ocarina 28 Didgeridoo & Ocarina 29 India Flute 30 Andes	31 Pan Pipes 32 Pan Pipes Soft 33 Zampona Soft 34 Zampona Hard 35 Shakuhachi 36 Shakuhachi & Drum Phrase 37 Kalmanku 38 Legato Bamboo 39 Culture Flute 40 Pure Lead 41 Mimbar 42 Mimbar Pad 43 Shanal 44 Dazin Shanal 45 Gamelan Breathy 46 Vox & Sitar & Tabla 47 Calica & Samba Phrase 35 Shil Drum & Samba Phrase 36 Brass & Samba Phrase 37 Tambourne & Tabla Phrase 38 Synth Pulse & Tabla Phrase 39 Drum Kit Pattern 1 40 Drum Kit Pattern 2 41 Plymate 42 Delay Voice 43 Trial Drums 44 Street Noise 45 FX Tom Hit 46 Perc. Heaven 47 Analog Snare 48 9th Gong 49 Back Noise 50 Ouygen
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The Definitive Guitar Synthesizer – the GR-33

The GR-33 is Roland's flagship guitar synth featuring 384 preset Tones, three amazing effects processors and ultra-fast tracking using an optional GK-Series divided pickup. It also has a streamlined user interface and a built-in expression pedal. With waveforms found in Roland's top-of-the-line synthesizer modules, this guitar synth is capable of producing some of the richest, most interesting sounds and synth effects in the history of the guitar. The Synth Harmonist adds "intelligent" harmony to single notes and the onboard arpeggiator offers an endless variety of exciting performance effects, giving guitarists previously unimaginable creative possibilities.



GR-33 GK GUITAR SYNTHESIZER

- GR-33 Specifications
- Maximum Polyphony 48 voices ● Internal Memory 384 tones, 256 patches (Preset:128, User:128) ● Effects 40 insert MULTI-FX, Chorus, Reverb ● Display 16 segments, 2 lines backlit LCD, 7 segments, 3 characters LED ● Connectors Mix Outputs L (Phones) / R (Mono), Guitar Return L/R (Mono), Guitar Out, Bank Shift, GK In, MIDI (In, Out), AC In ● Power Supply AC 14 V (AC Adaptor) ● Current Draw 800 mA ● Dimensions 435(W) x 280(D) x 95(H) mm, 17-1/8 (W) x 11 (D) x 3-3/4 (H) inches ● Weight 2.5 kg, 5 lbs. 9 oz. (excluding AC Adaptor) ● Accessories GK Cable (5 m), AC Adaptor (BRC Series)

■ Options

US-20 Unit Selector	GKP-4 GK Parallel Box	RH-200 Headphones
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Limitless Sonic Potential with the GI-20

The GI-20 GK-MIDI Interface detects the signal from any steel-stringed guitar or bass (with optional GK-Series divided pickup) and converts it into MIDI data—for triggering synthesizers, samplers or recording your playing into a MIDI sequencer. With its built-in USB MIDI port, the GI-20 is perfect for computer-based recording setups. The GI-20 also gives you access to Roland's library of SRX expansion boards when used with an XV-Series sound module like the XV-2020.



GI-20 GK USB GK-MIDI INTERFACE

- GI-20 Specifications
- Patches 50 ● Display 7 segments, 2 characters LED ● Connectors GK In, Foot Sw, Exp Pdl, Guitar Out, MIDI (In, Out), USB, DC In ● Power Supply DC 9 V; Supply AC Adaptor (ACI or ACB Series) ● Current Draw 450 mA
- Dimensions 218 (W) x 237 (D) x 44 (H) mm / 8-5/8 (W) x 9-3/8 (D) x 1-3/4 (H) inches, 218 (W) x 237 (D) x 46.4 (H) mm, 8-5/8 (W) x 9-3/8 (D) x 1-7/8 (H) inches (including rubber foot) ● Weight 1.3 kg, 2 lbs. 14 oz (excluding AC Adaptor) ● Accessories GK Cable (3 m), AC Adaptor (120/230 V: ACI Series, 230 (UK)/240 V: ACB Series), MIDI Cable (1 m), CD-ROM (USB driver), Rubber Foot x 4 ● Options Rackmount Adaptor: RAD-50

GK Cable	GKC-3 (3 m)	GKC-5 (5 m)	GKC-10 (10 m)
MIDI Cable	MSC-15 (1.5 m)	MSC-25 (2.5 m)	MSC-50 (5 m)



GR GUITAR SYNTHESIZER

GR-20 with GK-3 Divided Pickup

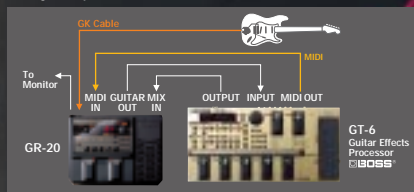


GR Explore Your Imagination

GR The Adventure Begins Here

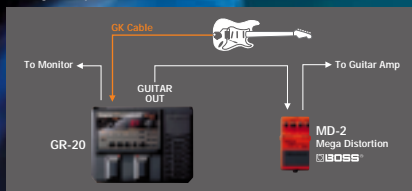
Create new dimensions of texture by combining a swirling pad sound on the GR-20 with a distorted guitar sound from a MIDI-capable, multi-effects unit like the BOSS GT-6. Let the pad seep in with the GK-3 Knob.

Setting Example



Combine the GR-20 synth bass with a heavy tone from your guitar effects – creating an enormous sound for laying down fat, single-note riffs.

Setting Example



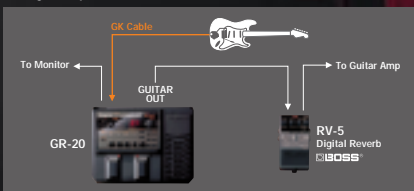
Revolutionize Your Sound And Your Playing

The GR-20 Guitar Synth is more than a new set of sounds. It will transform your ideas about guitar playing and open up new worlds of 6-string creativity.

GR Beyond the Frontier

Lead sounds abound on the GR-20, like a gritty harmonica patch that you can play alone or layered with a clean sound from your guitar. Adjust the mix with the GR-20's built-in pedal.

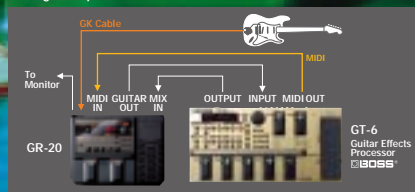
Setting Example



GR Travel Through Time

The new GR-20 can go retro in a heartbeat. Play a funk riff on your guitar with a phaser effect and use the GR-20 to layer it with a groovy clav.

Setting Example



Sounds That Are Optimized for the Guitar

Roland has been a pioneer in guitar synths from the beginning, and the GR-20 is the culmination of our best achievements. Each Patch is expressly engineered for guitar, including lush strings, lively wind instruments, thick synths, spiritual tabla loops and more. And with lightning-fast digital tracking, the sounds are more responsive and expressive than ever.

The Most User-Friendly Guitar Synth Ever

Operating the GR-20 is as easy as using a BOSS pedal. To find a sound, simply turn the Bank Knob to one of the ten categories. Then, turn the Value Dial to select a Patch within the category. It couldn't be easier!

Plus, with the new Patch Link function, you can align GR-20 Patches with those in a MIDI-capable external effects processor like the BOSS GT-6.

Customize the Sounds with Five Dedicated Knobs

Whether you want to adjust the preset Patches to suit your preference or tweak them to fit the vibe of a particular song, the GR-20 makes it ultra-simple. There are five dedicated knobs for editing attack, release, chorus, delay/reverb and level. This makes experimentation a fast, fun and menu-free process.

Three Assignable, Hands-Free, Realtime Controllers

Your feet are a big part of the action with the GR-20's built-in control pedals. The Expression pedal can

control volume, filter, effect level* and 6 types of pitch bend. The Glide pedal has eight glide types and four vibrato types, and the Hold pedal has 4 hold types. The two pedals can also be used to change Patches or octave up/down.

*For some preset Patches, there are no effects.

Seamless Combination of Guitar and Synth Sounds

The GR-20 has a Guitar Out jack for sending your dry guitar tone to an external effects processor. This makes it easy to combine an effected guitar tone with a Patch from the GR-20. A smooth-turning knob on the GK-3 pickup controls volume on the GR-20. You can also add external audio from a CD or MP3 player using the Mix In jacks.



The GR-20 is ready to rock — all in one box!

GK-3 Divided Pickup Included!



GR-20
GUITAR SYNTHESIZER
GK

No Menu-Surfing with Knob-based Controls

1 Bank Knob for Category Selection

First, choose a sound category... Quickly select one of the ten sound categories with the handy Bank Knob.

2 Value Dial for Fast Access

Then, dial up the sound you like... Speed through the Patches in the selected category with the Value Dial.

3 Five Sound Adjustment Knobs

Next, experiment with the knobs... Dedicated knobs for tweaking sounds make it simple and fun.

User Installable GK-3 Pickup Included <also sold separately>

The GK-3 is a specialized pickup that provides hands-on control for switching patches, mixing guitar and synth sounds and more. The GK-3 is 30 percent thinner than its predecessor and has a larger control knob. The pickup includes an adjustable curve design to keep an even distance between the strings and has wider yokes for better response. Owners of Les Paul-type guitars can install the GK-3 safely without drilling using a special attachment plate included in the box.

GK-3 Divided Pickup **GK**



To get the most precise response from the strings, the pickup element of the GK-3 is slightly curved to match the curvature of the guitar strings. Different guitar types have different curvature profiles, so the GK-3 can be adjusted by turning the screw in the middle of the pickup unit.

*...with yokes at maximum height

*BOSS GT-6, MD-2, RV-5 are sold separately.