

ROLAND V-GUITAR G-5 TRAINING GUIDE



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1. FEATURES

The Roland V-Guitar group of products includes some of the most advanced instruments in the world, including the Fender made G-5 Stratocaster®, with its custom Strat design and Roland COSM® modeling engine, which provides 20 instrument and pickup sounds, and instant alternate tunings for any of these sounds. Plug a G-5 into any amp to get guitar tones from nylon string to full shred metal tuned down to B all from one guitar.

- Fender authorized and made Stratocaster
- The physical design of the guitar is similar in spec to an *American Standard* Stratocaster, but is assembled in Mexico. The bridge and pickups are the only parts that differ from the American Standard series. The bridge replicates the original “Synchronized tremolo in production on the Standard Series Stratocaster (and used on the American Standard line until 1986).
- 3 ceramic single coil pickups, for classic Fender tone.
- 22 fret neck, modern “C” shaped neck curve, 25 ½” scale length and American 6-inline Tuners.
- All guitar parts made in America, assembled in Mexico.
- Synchronized tremolo with high-mass bridge block (based on the original Stratocaster trem but more mass allows for better string vibration).
- Shielded body cavities (helps keep noise to a minimum which is especially prevalent w/ single coil guitars).
- Medium jumbo frets, considered by many the most comfortable to play.
- “Cool factor” vintage style cosmetics: tinted neck, parchment pick guard and ’70s-style headstock logo.
- Includes Fender Premium Gig Bag w/Roland V-Guitar logo
- 2 models available: Hand-painted, 3-tone sunburst/rosewood fingerboard (G-5-3TS) and black/maple fingerboard (G-5-BLK)
- Batteries included (AA x4)
- The original and iconic Stratocaster sound everyone knows and loves!

1.2 FEATURES

ROLAND: INNOVATING AN ICON TO THE NEXT LEVEL AND BEYOND

- This guitar is like having a huge recording studios arsenal of guitars at your finger tips.
- 8 different COSM guitar models: 3 electric guitar, 4 acoustic guitar, 1 electric sitar.
- 125 different tone combinations (120 COSM, and 5 normal strat tones).
- COSM acoustic models based on premium steel string (x2), nylon string, jazz guitar and electric sitar instruments.
- COSM electric models based on premium Stratocaster, Telecaster and Les Paul style guitars.
- New WIDE RANGE Single Coil Bridge, WIDE RANGE Single Coil Neck, BRIGHT Humbucker bridge and BRIGHT Humbucker Neck, pickup models. 4 COSM pickup models that go beyond normal physical constraints in the search for the holy grail "GREAT TONE".
- Standard and alternate tunings usable with all COSM tones.
- 6 instantly accessible tunings including: Normal, Drop D, Open G, DADGAD, Baritone and 12 String.
- No 60 cycle hum from the modeled single coil pickups.
- Built in adjustable reverb on all acoustic models.
- No feedback problems when using the acoustic models.

How Roland gets the job done with the GK pickup and COSM technology:

The GK pickup is basically 6 separate humbucker pickups (one for each string) enabling each string to be processed separately. In conjunction with COSM technology, it allows for unlimited possibilities to duplicate and/or create new tones with exacting detail or do away with physical limitations altogether.

Roland invented guitar modeling. COSM technology, an abbreviation for Roland's "Composite Object Sound Modeling" is technology that can clone an audio tone, allowing for exacting duplication or complete modification and reshaping of a sound characteristic. Although other modeling technology exists NONE is as accurate or as powerful as COSM.

2. QUICK DEMO

The Quick Demo is a way to get the customer interested in a product in less than 60 seconds.

Before you Start

Check the condition of the strings and the tuning of the guitar. Strings should look clean and not corroded and be tuned to A440 standard tuning EADGBE. If new strings have been put on the guitar make sure they are thoroughly stretched before demo so as to not go out of tune during the demonstration. A guitar that won't stay in tune will quickly lose favor in the eye of the customer (like bad superstition!). Ideally the guitar should be checked to insure it is set up properly.

Make sure that you have 4 AA batteries installed in the guitar with enough power (you can check the LED by plugging a ¼" cable into the input jack, just like with most Boss gear).

Turn both the volume knob and the tone knob all the way up to 10.

Use a high quality guitar amp, such as a Roland Cube-80XL or other pro quality guitar amp:

1. Using a standard ¼" instrument cable plug into the G-5 input jack and the other end of the cable into the clean channel of the amp. G-5 automatically powers up when a cable is plugged into the input jack.
2. Set the amp's tone controls for a flat response.
3. Set the [M] MODE KNOB to [A] for Acoustic models.
Set the [T] TUNING KNOB to [N] for NORMAL tuning.
Set the 5 way blade switch to position 5 (closest to the bridge).



[T] Tuning Knob
[M] Mode Knob

2.2 QUICK DEMO (CONTINUED)

THE QUICK DEMO: SHOW the [M] MODE KNOB

1. Strum or arpeggiate a chord. You should be hearing a steel string acoustic (Steel-string 1 to be exact), while you are playing on a Stratocaster!
2. Move the 5 way blade switch up into positions 4, 3, 2, 1 to demo the Steel-string 2, Nylon, Electric Sitar, and Jazz models.



Blade Switch

THE QUICK DEMO PART II: SHOW the [T] TUNING KNOB

1. Now that you have everyone's attention you can really get jaws dropping by turning the [T] TUNING KNOB. Turn the knob to the [B] Baritone position to show off the most obvious alternate tuning. When you turn to knob position [G] and [d] COSM technology alternate tunes the strings to a chord. When you strum the open strings you will hear a G chord and Dsus4 chord respectively.
2. If you know a couple grunge era guitar riffs turn the knob to [D] DROP D and get your Alice in Chains/Soundgarden riffing on!
3. Turn the [T] KNOB to the [12] 12-string position and strum/arpeggiate a few chords. 12 String jangle! But wait it gets better! Switch the [M] Mode knob to either of the [S], [H], or [T] positions and voila! Electric 12 string versions of a Strat, SG, and Tele! Or switch to the inconceivable by turning to the [N] NYLON position for 12 string NYLON guitar craziness!
4. Lastly, turn the [T] KNOB to the [N] position and the [M] KNOB to [N] position, play a few licks or chords and remind them that this is a REAL FENDER STRATOCASTER, **NOTHING LOST AND EVERYTHING GAINED!!!**

3. GOING DEEP

SHOW THE BUILT IN REVERB ON THE ACOUSTIC MODELED TONES

1. Set the [M] MODE KNOB to [A] for Acoustic models.
Set the [T] TUNING KNOB to [N] for NORMAL tuning.
Set the 5 way blade switch to position 5 (closest to the bridge).
2. Turn the guitars [TONE KNOB] and adjust the level of the built in reverb that accompanies each acoustic tone. Turn it down to “1” for nothing, up to “10” for maximum verb, or anywhere in between!



TONE KNOB

SHOW THE NEW WIDE RANGE SINGLE COIL NECK AND BRIDGE PICKUP MODELS

1. Switch to KNOB MODE: [T] [MODELING TELECASTER]. Via the 5 way blade switch (The MIDDLE 3 POSITIONS 2, 3, 4) replicate a TYPICAL pickup layout for a Telecaster (which only has 3 positions). POSITIONS 1 and 5 are wide range variations of the neck and bridge.
 1. **Wide Range (Neck)**
 2. Neck (Single Coil)
 3. Neck+Bridge (Single Coil)
 4. Bridge (Single Coil)
 5. **Wide Range (Bridge)**
2. As you play some single notes or chords, switch between positions 1 and 2 to show the variation between Wide Range Single Coil Neck and the regular Tele neck pickup. Switch between positions 4 and 5 to show the variation between regular Tele bridge pickup and the Wide Range Single Coil Bridge.

3.2 GOING DEEP (CONTINUED)

SHOW THE NEW BRIGHT HUMBUCKER NECK AND BRIDGE PICKUP MODELS

- Switch to KNOB MODE: [H] [HUMBUCKER MODELING]. Via the 5 way blade switch (The MIDDLE 3 POSTIONS 2, 3, 4) replicate a TYPICAL pickup layout for a dual humbucker style guitar i.e. Les Paul, SG, etc. POSITIONS 1 and 5 are brighter range variations of the neck and bridge.
 - Bright Humbucker (Neck)
 - Neck (Humbucker)
 - Neck+Bridge (Humbucker)
 - Bridge (Humbucker)
 - Bright Humbucker (Bridge)
- As you play some single notes or chords switch between positions 1 and 2 to show the variation between Bright Humbucker Neck and the regular humbucker neck pickup. Switch between positions 4 and 5 to show the variation between the regular humbucker bridge pickup and the Bright Humbucker Bridge.

G-5

VG-Stratocaster

Mode knob + Pickup selector

MODE		PICKUP SELECT				
		1	2	3	4	5
N	Normal Stratocaster	Neck (Single Coil)	Neck+Middle (Single Coil)	Middle (Single Coil)	Bridge+Middle (Single Coil)	Bridge (Single Coil)
S	Modeling Stratocater	Neck (Single Coil)	Neck+Middle (Single Coil)	Middle (Single Coil)	Bridge+Middle (Single Coil)	Bridge (Single Coil)
T	Modeling Telecater	Wide Range (Neck)	Neck (Single Coil)	Neck+Bridge (Single Coil)	Bridge (Single Coil)	Wide Range (Bridge)
H	Humbucker Modeling	Bright Humbucker (Neck)	Neck (Humbucker)	Neck+Bridge (Humbucker)	Bridge (Humbucker)	Bright Humbucker (Bridge)
A	Acoustic Guitar Modeling	Jazz	Electric Sitar	Nylon-String Acoustic	Steel-String Acoustic2	Steel-String Acoustic1

4. FIVE FEATURES to KNOW and SHOW

1. The physical design of the guitar is similar in spec to an *American Standard Stratocaster*, but is assembled in Mexico. The pickups and the bridge are the only parts that differ from the American Standard series.
2. Super simple and well laid out design, easy to navigate all the different tones at your finger tips.
3. 120 possible COSM modeled pickup and acoustic instrument variations and 5 iconic Stratocaster guitar tones.
4. 6 different standard and alternate tunings available on those 120 COSM modeled pickup and acoustic instrument variations.
5. New WIDE RANGE Single coil Bridge, WIDE RANGE Single coil Neck, BRIGHT Humbucker Bridge and BRIGHT Humbucker Neck, pickup models. 4 COSM pickup tones that go beyond normal physical constraints in search of the holy grail "GREAT TONE", as well as some combinations creating guitars that would be difficult to find, or physically difficult to make or play in the real world.

5. ACCESSORIES

Roland JC-120 Amplifier

Roland Cube Amps: Cube-80XL, Cube-40XL, Cube-20XL, Cube-15XL, Cube Street, Micro CUBE RX, Microcube, Micro Cube-R, Micro Cube-W, Mobile Cube

Boss Tuners: TU-10 Clip on Tuner, TU-3, TU-1000, TU12EX, TU-88, TU-80, TU-15, TU-12

Boss RC-300 Loop Station

Boss Multi Effects: GT-10, ME-70, ME-25

Boss Compact Pedals: ALL

Boss eBand JS-8

Boss Micro BR-80

Instrument Cable

6. GUITAR SPECS

Body	Alder
Color	Black (G-5-BLK) or 3-tone Sunburst (G-5-3TS)
Neck	Maple
Fingerboard	Maple (G-5-BLK) or Rosewood (G-5-3TS)
Radius	9.5"
Neck Shape	Modern C
Scale Length	25.5"
# of Frets	22
Fret Size	Medium Jumbo
Logo	"Fender Powered By Roland"
Nut width:	1.650" (42 mm)
Truss Rod Nut:	3/16" Hex Adjustment

7. CHEAT SHEET

Easiest way to remember the **[M] Mode Knob** and 5 way blade switch (Stratocaster x2, Telecaster, Les Paul, Acoustic all)

[N] and **[S]** Stratocaster pickup configuration.

[T] Telecaster pickup configuration with the middle 3 positions and the 2 outside positions being wide range sounds of the neck and bridge.

[H] Les Paul pickup configuration with the middle 3 positions replicating a Paul, and the 2 outside positions being bright range sounds of the neck and bridge.

[A] Acoustic everything (acronym: J.E.N.S.S.) Jazz, Electric Sitar, Nylon, Steel2, Steel1.