ROLAND GR-55 GUITAR SYNTHESIZER
TRAINING GUIDE

Contents

1. FEATURES

- Four sound sources: two sets of PCM-based synthesis plus COSM VG-type guitar/bass modeling and actual guitar sound

- Two sets of Multi-FX for independent processing of PCM and COSM based sounds

- EZ Edit plus full parameter programming

- USB-audio and MIDI interface

- Built in looper

- Three audio outputs: mix L,R plus guitar

- Second USB port for data transfer, audio playback via flash drive

- Over 900 Synth sounds

- Instant alternate tunings via COSM modeling

- Works with guitar and bass

- Huge on board memory: 270 presets, 297 user in guitar mode, 90 preset/ 297 user in bass mode

- Built-in assignable Control and Expression pedals

- Built-in chromatic tuner

- Includes GK-3 Divided Pickup

- GR-55GK: $1,119 List; $799 MAP

- GR-55S (w/o GK-3) $979 List; $699 MAP

2. QUICK DEMO

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

Before You Start

Selecting the OUTPUT

1. Press the EDIT button.

2. PAGE RIGHT to select the SYSTEM page.

3. Using the VALUE DIAL, highlight OUTPUT SELECT.

4. Press ENTER.

Using the VALUE DIAL, select the sound source you are connecting the GR-55 to. Press EXIT several times to return to the main menu.

<u>If you have a keyboard amp, such as a Roland KC-350 or other pro quality amp, or a PA:</u>

1. Connect the Left and Right MAIN OUTPUTS of the GR-55 to two channels of the amp or PA.
2. Set the amp's tone controls for a flat response.

<u>If you only have a guitar amp:</u>

1. Connect the MONO OUTPUT of the GR-55 to a clean channel of the amp.
2. Set the EQ for a flat response.
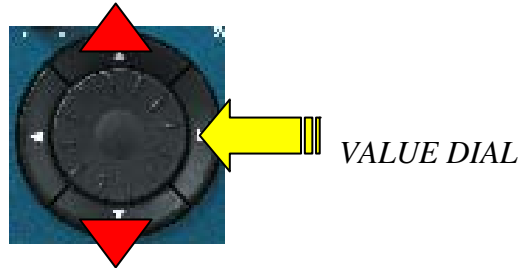
Setting the Sensitivity

This is the most important procedure of the GR-55. Setting sensitivity adjusts how the GR-55 responds to how you play; it's much like getting a level when recording. Done correctly, the GR-55 will track extremely fast and accurately, and your demo will be effective.

1. Connect a divided pickup equipped guitar (ESP GK demo guitar, Fender Roland Ready Strat, Godin with Synth Access, or other) to the GR-55 via the included 13-pin cable.

2. Set the Input Sensitivity:
    a. Press the EDIT button.

    b. Press PAGE RIGHT or PAGE LEFT to select the SYSTEM page.

    c. Using the DIAL, highlight GK SETTING.

    d. Press ENTER.

e. In the GK SET screen, use the CURSOR UP or DOWN buttons and the VALUE DIAL to set the appropriate PU TYPE (pickup type) and SCALE of the guitar you are using. For the ESP GK guitar, use GK-3 and ST.

VALUE DIAL

f. Press PAGE RIGHT button twice to select the SEN (sensitivity) PAGE.

g. Play an open string as hard as you are likely to play it. The GR-55 will automatically show the sensitivity level of that string in the display, Use the CURSOR UP/DOWN buttons and the VALUE DIAL to select and adjust the sensitivity so that it reaches the farthest point only on the very strongest notes.

h. Use the CURSOR UP/ DOWN buttons and VALUE DIAL to select and adjust the other strings.

i. When you are finished, press EXIT several times to return to the Main screen.

THE QUICK DEMO

STEP ONE: Show Some COSM Guitar Sounds

1. Press the RHYTHM button, and turn the VALUE DIAL to select **RHYTHM 05-3 LP+STACK.**

2. Play some power chords or leads.

3. Select **RHYTHM 11-2 AC->12stAC (CTL).**

4. Play some chords or leads.

5. Press the CTL Pedal. The sound will change from a 6-string acoustic to a 12-string acoustic.

6. Play some chords or leads.

STEP TWO: Show Simple Synth Sounds

1. Select **LEAD 07-1 Concert Grand.**

2. Play some chords or leads.

3. Select **RHYTHM 02-1 RICH STRINGS.**

4. Play some big chords.

STEP THREE: Show Combination Sounds

1. Select **OTHER 10-2 Sequence Clean.**

2. Play some chords.

3. Press CTL to hold the synth sounds.

4. Play guitar over the synth sounds,

5. Adjust the EXP pedal to change the speed of the pattern and the guitar tremolo.

6. Select **USER 07-2 Syn Str. Pdl Reso**

7. Play some chords.

8. Rock the EXP pedal to activate the filter.

9. Press CTL to remove the guitar from the sound.

STEP FOUR: Show the Looper

1. Select **OTHER 27-2 Shanai+Rhythm**

2. Press Pedal 3 and CTL simultaneously to arm the Looper. The CTL pedal LED will flash.

3. When you are ready, press CTL and play a simple chord pattern. The LED will flash quickly.

4. Press CTL to end the loop recording and play back the loop.

5. While the loop is playing, select **OTHER 26-1 AggroClav.**

6. Press CTL to record this sound over the first loop.

7. Press CTL to continue playing over the loop.

8. Press CTL twice to stop recording.

9. Press Pedal 3 and CTL to exit loop recording.

3. GOING DEEP

How To Find Specific PCM Sounds

1. From the Play screen, press EDIT.
2. Press CURSOR UP/DOWN to select a PCM sound.
3. Press ENTER.
4. Press CURSOR UP/DOWN to select TONE CATEGORY.
5. If necessary, turn the VALUE DIAL to select a Category.
6. Press CURSOR DOWN to select TONE NUMBER.
7. Turn the VALUE DIAL to select a Tone.
8. Press EDIT to return to the Main screen.

How to Change the Structure (effect chain)

1. Press EDIT.
2. Press PAGE LEFT/RIGHT to select the EFFECT page.
3. Press ENTER.
4. Press CURSOR LEFT to select STRUCT (Structure).
5. To change the STRUCTURE, turn the VALUE DIAL.

How to Assign Effects to a Tone

1. Use the above procedures to the STRUCTURE page.
2. Press CURSOR LEFT to select a Tone.
3. Turn the VALUE DIAL to assign the Tone.
4. Press EXIT to return to the Main screen.

How to Edit Tone Parameters

1. Press EDIT.
2. Press PAGE LEFT/RIGHT to select the TONE page.
3. Press CURSOR UP/DOWN to select a TONE.
4. Press ENTER.
5. Press CURSOR UP/DOWN to select a parameter.
6. Turn the VALUE DIAL to adjust the parameter.
7. Press EXIT to return to the Main screen.

How to Use the Tuner

1. Press PEDAL 2 and PEDAL 3 simultaneously.
2. Press PAGE LEFT/RIGHT to select MULTI MODE or SINGLE MODE.
3. Tune each string.
4. Press EXIT or PEDAL 2 and PEDAL 3 simultaneously to exit the TUNER.

How to Use the Looper

1. Press PEDAL 3 and the CTL PEDAL simultaneously. The CTL LED will flash, indicating standby (record-ready) mode.
2. Press CTL to start to recording. The LED will flash quickly to indicate recording mode.
3. Press CTL to end recording and start playback. The LED will stay on.
4. Press CTL to overdub. The LED will flash quickly. To erase or stop playback, press CTL twice quickly. The LED will flash indicating standby mode.
5. Press PEDAL 3 and CTL simultaneously to exit the Looper.
6. NOTE: the GR-55's looper can record for a total of 20 seconds.

4. FIVE THINGS TO KNOW and SHOW

1. Revolutionary guitar processor combines advanced PCM synthesis and COSM modeling to create virtually any sound

2. Four simultaneous tone types: two PCM synth sounds, plus COSM modeling sounds plus "normal" guitar input sound

3. EZ EDIT plus full programmability

4. MIDI out and USB MIDI and audio out for direct connection to other synths, DAWS, computers, etc.

5. Second USB port for backup, data transfer, and audio playback via flash drive

5. ACCESSORIES

1. Roland FC-300 MIDI Control Pedal

2. BOSS Bag-S2 Carrying bag

3. Roland RH-5, RH-200 or other headphones

4. Instrument cables

6. GR-55 DETAILS

PCM SOUND CATEGORIES

CATEGORY NAME	NUMBER of TONES	CATEGORY NAME	NUMBER of TONES
AcPiano	16	Ensemble Strings	22
Pop Piano	3	Orchestral	4
E. Grand Piano	2	Solo Brass	11
E.Piano1	25	Ensemble Brass	7
E.Piano2	13	Wind	7
E.Organ	32	Flute	12
PipeOrgan	5	Sax	7
Reed Organ	1	Recorder	4
Harpsichord	5	Vox/Choir	28
Clav	8	Scat	2
Celesta	1	Synth Lead	123
Accordion	6	Synth Brass	40
Harmonica	2	Synth Pad/Strings	84
Bell	21	Synth Bellpad	17
Mallet	22	Synth PolyKey	45
Ac. Guitar	18	Synth FX	31
E.Guitar	18	Synth Seq/Pop	11
Dist.Guitar	11	Pulsating	32
Ac.Bass	4	Beats/Groove	11
E.Bass	14	Hit	7
Synth Bass	87	Sound FX	37
Plucked/Stroke	18	Percussion	13
Solo Strings	9	Drums	14

COSM TONE CATEGORIES: Guitar

CATEGORY NAME	NUMBER of TONES
E: GTR	10
E.BASS	2
AC	5
SYNTH	6

COSM TONE CATEGORIES: Bass

CATEGORY NAME	NUMBER of TONES
E: GTR	2
E.BASS	9
SYNTH	6

COSM GUITAR TYPES

E.GTR

NAME	ORIGINAL
01: CLA-ST	Vintage Fender Strat
02: MOD-ST	Recent Strat w/ EMG pickups
03: H&H –ST	Strat w/ 2 humbucking pickups
04: TE	Fender Telecaster
05: LP	Vintage Gibson Les Paul Standard
P-90	Gibson Les Paul Jr.
LIPS	Danelectro 56-U3 w/ 3 lipstick pickups
RICK	Rickenbacker 360
335	Gibson 335 Dot
L4	Gibson L-4CES

E.BASS (GUITAR)

16: JB	Fender Jazz bass
17: PB	Fender Precision bass

E.BASS (BASS)

01: VINT JB	Early 1960's Jazz bass
02: JB	Recent Fender Jazz bass
03: VINT PB	Early 1960's Precision bass
04: PB	Recent Precision bass
05: M-MAN	1970's Music Man Stingray
06: RICK	Rickenbacker 4001
07: T-BIRD	Gibson Thunderbird bass
08: ACTIVE	Alembic style bas w/ active pickups
09: VIOLIN	Hofner "Beatle" bass

AC

11: STEEL	5 specific acoustic steel string guitars: Martin D-28, Martin 000-28, Vintage Gibson J-45, Vintage Gibson B-25 Guild D-40
12: NYLON	Generic nylon string guitar
13: SITAR	Vintage Coral electric sitar
14: BANJO	Generic 5-string banjo
15: RESO	Dobro single cone resonator guitar

SYNTH

18: ANALOG GR	Roland GR-300 analog synth
19: WAVE SYNTH	Moog-type analog wave sounds
20: FILTER BASS	bass synth w/ filter
21: CRYSTAL	metallic synth sounds
22: ORGAN	3-drawbar organ tones
23: BRASS	lead synth w/ wind and brass tones