

BOSS GT-100 AMP EFFECTS PROCESSOR TRAINING GUIDE



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1. FEATURES

- The best sounding and easiest to use GT ever!
- All new incredible high-resolution COSM amp and effect models
- New dual LCD operating system for supreme ease of use
- 25 COSM amplifier models including eight all new Advanced amps
- 9 effects groups: Comp, OD/DS, Preamp, EQ, FX1, FX2, Delay, Chorus, Reverb
- 21 OD/DS effects, FX1/FX2 each contain 30 effects
- User customizable Amps, OD/DS
- Manual Mode instantly turns the GT-100 into a row of simple stompboxes
- Built in Phrase Looper w/ unlimited overdubs
- New ACCEL effects provides new real-time tone changes
- 400 programs: 200 user, 200 preset
- Built-in assignable Expression and CTL pedal
- Additional EXP or 2xCTL pedal inputs for more real time control
- USB-audio interface
- Built-in chromatic tuner and metronome
- Tough metal case

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

1. Connect the MONO (L) Gt. AMP output of the GT-100 to the clean channel of a good amp, such as a Roland JC-120 or other pro quality amp.

NOTE: It is very important to use a pro quality guitar amp. Why run a high-end effect through a low-end amp?

2. Set the amp's tone controls for a flat response.
3. Plug a guitar into the GUITAR INPUT of the GT-100.
4. Set the GT-100's output to match the amp you are using:
 - a. Press SYSTEM
 - b. Turn KNOB 4 to select OUTPUT SELECT
 - c. Turn KNOB 8 to select the correct type of output. If in doubt, set this to LINE/PHONES.
 - d. Press EXIT.

THE QUICK DEMO: USING THE GT-100

This demo has four steps. If possible, do all four.

STEP ONE: Show A Modern Tone

1. Press the BANK UP/DOWN and NUMBER PEDAL 1 or turn KNOB 1 (PATCH) to select **P02-1** POWER DRIVE. This is the sound of the Power Drive ADVANCED AMP.



2. Play some appropriate chords and leads.
3. Press the ACCEL/CTL PEDAL to switch COSM amps and turn on delay.



4. Play some appropriate chords and leads

STEP TWO: Show A Vintage Tone

1. Use the BANK and NUMBER PEDALS or KNOB 1 to select **P10-3** TWEED BLUES. This is the sound of a 1959 Fender Bassman 410.
2. Play some appropriate chords and leads
3. Press the ACC/CTL pedal to turn on the COSM TS-808 Overdrive.
4. Play some appropriate chords or leads.

STEP THREE: Show MANUAL MODE

1. Press the BANK UP and BANK DOWN pedals simultaneously to enter MANUAL MODE. The display will look like this:



2. Press BANK and NUMBER PEDALS to turn each effect on and off.
3. Turn the KNOBS to change the effects.
4. When you are finished, press both BANK PEDALS to return to Play mode.

STEP FOUR: Show EZ TONE

1. Press the EZ TONE button.



2. Turn KNOB 4 (SELECT) to select PATCH CREATE.
3. Turn KNOB 5 (BASIC TONE) to select a BASIC TONE.



- Turn KNOB 8 (VARIATION) to select a BASIC TONE VARIATION.



- Press PAGE RIGHT to select the PATCH CREATE 2 screen.



- Turn KNOB 5 and KNOB 6 to adjust the patch.
 - Turn KNOB 8 (AMBIENCE) to adjust Ambience.
 - Press EXIT when you are finished.
-

3. GOING DEEP

How to Use the LOOPER

1. Press the LOOPER PEDAL for 2 seconds. **ON** will appear briefly in the second LCD to confirm the LOOPER is on. The LED on the pedal will double blink.
2. When you are ready to record, press the LOOPER PEDAL. **REC** will appear in the display. The LED on the pedal will blink continuously.
3. When the loop is finished, press the LOOPER PEDAL again. **PLAY** will appear in the display, and the loop will play back. The LED on the pedal will stay on.
4. To overdub, press the LOOPER PEDAL again. **DUB** will appear in the display and the LED will blink.
5. To stop using the LOOPER, press and hold the LOOPER PEDAL for two seconds. **END** will appear in the display, and the LED will go off.

How to Edit AMPS and EFFECTS

1. Press EFFECTS.
2. Turn KNOB 4 to select an effect. Its parameters will appear in the right LCD display.
3. Turn the appropriate knob to adjust each parameter.
4. Press EXIT to get back to the main screen.

How to Move AMPS and EFFECTS in the Signal Path

1. Use the above procedures to select an AMP or EFFECT.
2. Turn KNOB 1 to move your selection in the signal path.
3. Press EXIT when you are finished.

How to Use the Tuner

1. Press NUMBER PEDALS 1 and 2 simultaneously. The TUNER will appear in the left display. The METRONOME will appear in the right.
2. Tune up. The note played will show in the Display. The LCDs in the display will indicate whether the note is sharp, flat, or in tune.
3. Press NUMBER PEDALS 1 and 2 again or press EXIT to return to play mode.

How to Customize AMPS

1. Press EZ TONE.
2. Turn KNOB 4 to select AMP CUSTOM.
3. Turn KNOB 5 to select an amp to customize. You can customize seven different amps.
4. Press PAGE RIGHT to select the AMP CUSTOMIZE 2 screen.
5. Turn KNOB 5 and KNOB 6 to adjust the amp sound.
6. Press EXIT when you are finished.

How to Customize OD/DS Effects

1. Press EZ TONE.
2. Turn KNOB 4 to select OD/DS CUSTOM.
3. Turn KNOB 5 to select an overdrive or distortion to customize. You can customize eight different OD/DS effects.
4. Press PAGE RIGHT to select the OD/DS CUSTOMIZE 2 screen.
5. Turn KNOB 5 and KNOB 6 to adjust the OD/DS sound.
6. Press EXIT when you are finished.

How to Use the NUMBER PEDALS to Turn On the TUNER

1. Press the SYSTEM button
2. Turn KNOB 4 to select PLAY OPTION.
3. Turn KNOB 8 to select TUNER. When you select this, you can use the NUMBER PEDAL of whatever patch you are currently using to turn on the tuner while you are playing. For example: if you are using P02-1, you can turn the tuner on by pressing NUMBER PEDAL 1. (Pressing a different NUMBER PEDAL will change sounds, as always.)

How to Reinitialize the GT-100

1. Press the SYSTEM button.
2. Turn KNOB 4 to select FACTORY RESET.
3. Press WRITE twice.

4. FIVE THINGS TO KNOW and SHOW

1. Easiest to use and most incredible sounding BOSS GT ever
2. All new COSM modeled amps, effects
3. New ACCEL functions
4. Built in Phrase Looper
5. USB-audio interface for computer recording, backup, etc.

5. ACCESSORIES

1. Two BOSS FS-5U Footswitches/ EV-5 EXP pedal
2. Roland PCS-31L TRS 2 x 1/4" insertion cable
3. BOSS Bag-S2 Carrying bag
4. Roland RH-5, RH-50, RH-200 or other headphones
5. Instrument cables

6. GT-100 AMPS and EFFECTS

<u>NAME</u>	<u>ORIGINAL</u>
PREAMP	
<u>ADVANCED</u>	
1. NATURL CLEAN	Original BOSS amp
2. FULL RANGE	Original BOSS amp for acoustic sounds
3. COMBO CRUNCH	Original BOSS amp
4. STACK CRUNCH	Original BOSS amp
5. HIGAIN STACK	Original BOSS amp
6. POWER DRIVE	Original BOSS amp
7. EXTREM LEAD	Original BOSS amp
8. CORE METAL	Original BOSS amp
<u>VINTAGE</u>	
1. JC-120	Roland JC-120
2. CLEAN TWIN	Fender Twin Reverb
3. PRO CRUNCH	Fender Pro Reverb
4. TWEED	Fender Bassman 4x10
5. DELUX CRUNCH	Fender Deluxe Reverb
6. VO DRIVE	Vox AC-30TB Drive sound
7. VO LEAD	Vox AC-30TB lead sound
8. MATCH DRIVE	Matchless DC/30 left input
9. BG LEAD	Mesa Boogie IIb combo amp lead sound
10. BG LEAD	Mesa Boogie IIb w/ treble shift on
11. MS1959 I	Marshall Plexi channel I
12. MS 1959 I+II	Marshall Plexi w/ channels paralleled
13. R-FIER VINTAGE	Mesa boogie Dual Rectifier Ch 2 Vintage mode
14. R-FIER MODERN	Mesa Boogie Dual Rectifier Ch2 Modern mode
15. T-AMP LEAD	Hughes & Kettner Triamp amp 3
16. SLDN	Soldano SLO-100
17. 5150 DRIVE	Peavey EVH5150 lead channel
18. CUSTOM	User definable amp mods
COMP	
1. BOSS COMP	BOSS CS-3
2. HI BAND	Original BOSS comp setting
3. LIGHT	Original BOSS comp setting
4. D-COMP	MXR Dyna-Comp
5. ORANGE	Dan Armstrong Orange Squeezer
6. FAT	Original BOSS comp w/ boosted mids
7. MILD	Original BOSS comp w/ rolled off highs
8. STEREO COMP	Original BOSS stereo comp

NAME ORIGINAL

OVERDRIVE/DISTORTION

ADVANCED

- | | |
|-----------------|----------------------------|
| 1. MID BOOST | BOSS FB-2 Mid setting |
| 2. CLEAN BOOST | BOSS FB-2 |
| 3. TREBLE BOOST | BOSS FB-2 w/ boosted highs |
| 4. CRUNCH | Original BOSS OD sound |
| 5. NATURL OD | Original BOSS OD sound |
| 6. WARM OD | Original BOSS OD sound |
| 7. FAT DS | Original BOSS DS sound |
| 8. LEAD DS | Original BOSS DS sound |
| 9. METAL DS | Original BOSS DS sound |
| 10. OCT FUZZ | Acetone Fuzz |

VINTAGE

- | | |
|---------------|-----------------------------|
| 1. BLUES OD | BOSS BD-2 |
| 2. OD-1 | BOSS OD-1 |
| 3. T-SCREAM | Ibanez TS-808 Tube Screamer |
| 4. TURBO OD | BOSS OD-2 w/ Turbo on |
| 5. DIST | BOSS DS-1 |
| 6. RAT | Proco Rat (large case) |
| 7. GUV DS | Marshall Guv'nor |
| 8. DST+ | MXR Distortion Plus |
| 9. METAL ZONE | BOSS MT-2 |
| 10. '60s FUZZ | Arbiter FuzzFace |
| 11. MUFF FUZZ | Electro-Harmonix Big Muff |
| 12. CUSTOM | User definable OD/DS mod |

EQ

1. 6-Band Parametric w/ 2 sweepable mids

FX1/FX2

- | | |
|-----------------|--|
| 1. T.WAH | BOSS AW-3 |
| 2. AUTO WAH | BOSS AW-3 |
| 3. SUB WAH | |
| a. CRY WAH | Dunlop Crybaby |
| b. VO WAH | Vox 846 |
| c. FAT WAH | Morley wah |
| d. Light Wah | Original BOSS wah |
| e. 7STRINGWAH | Original BOSS wah voiced for 7-stg |
| f. RESO WAH | Original BOSS wah w/ boosted harmonics |
| 4. ADV. COMP | Same as COMP effects |
| 5. LIMITER | |
| a. BOSS LIMITER | Original BOSS Stereo limiter |
| b. RACK 160D | dbx 160X |
| c. VTG RACK U | Urei 1178 |

<u>NAME</u>	<u>ORIGINAL</u>
6. SUB OD/DS	Same as OD/DS effects
7. GRAPHIC EQ	BOSS GE-20 10 band graphic EQ
8. PARA EQ	Same as EQ effects
9. TONE MODIFY	Preset EQs-8 types
10. GUITAR SIM	
a. S->H	Single to Hum sim
b. H->S	Hum to single sim
c. H->HF	Hum to "half hum" (Tele PU)
d. S->HLW	Single to Hollow sim
e. H-> HLW	Hum to Hollow sim
f. S->AC	Single to Acoustic sim
g. H->AC	Hum to Acoustic sim
h. P->AC	Piezo to mic acoustic sim
11. SLOW GEAR	BOSS SG-1
12. DEFRETTER	Fretless sim
13. WAVE SYNTH	Monophonic lead synth sim
14. SITAR SIM	Sitar simulator
15. OCTAVE	BOSS OC-3
16. PITCH SHIFTER	Interval based pitch shift
17. HARMONIST	Intelligent pitch shift
18. SOUND HOLD	Capture and Sustain effect
19. AC PROCESSOR	Acoustic processor (for use w/ aco guitars)
20. PHASER	BOSS PH-3
21. FLANGER	BOSS BF-3
22. TREMOLO	BOSS TR-2
23. ROTARY	BOSS RT-20
24. UNI-V	Univox Univibe
25. PAN	Stereo effect
26. SLICER	BOSS SL-20
27. VIBRATO	BOSS VB-2
28. RING MOD	parallel and intelligent RM
29. HUMANIZER	BOSS AW-3
30. 2x2 CHORUS	BOSS AD-8 split stereo chorus
31. SUB DELAY	1-1000 ms plus BPM tap
DELAY	
1. SINGLE	Standard mono delay
2. PAN	Tap delay in stereo
3. STEREO	Direct left, effect right
4. DUAL-S	Two delays in series w/ independent d. times
5. DUAL-P	Two delays in parallel w/ mono output
6. DUAL L/R	Two delays in stereo
7. REVERSE	Backwards masking sim

<u>NAME</u>	<u>ORIGINAL</u>
8. ANALOG	BOSS DM-3
9. TAPE	Roland RE-201 sim
10. MOD.	BOSS DD-20 delay w/ modulation
CHORUS	
1. MONO	BOSS CE-2
2. ST 1	Roland JC-120
3. ST 2	CH-2
ACCEL	
1. S-BEND	BOSS PH-6
2. LASER BEAM	New effect
3. RING MOD.	BOSS GT-10
4. TWIST	BOSS DD-20
5. WARP	BOSS DD-20
6. FEEDBACKER	BOSS FB-2
REVERB	
1. AMBIENCE	Studio room mic sim
2. ROOM	Small room sim
3. HALL 1	Concert hall sim
4. HALL 2	Concert hall w/different acoustics and size
5. PLATE	Studio analog reverb plate sim
6. SPRING	Fender '63 reverb tank
7. MOD.	Hall type w/ modulation