

## BOSS GT-100

# BOSS GT-100 Guitar Multi-Effects Pedal User Manual

Brand: BOSS | Model: GT-100

## INTRODUCTION

The BOSS GT-100 is a high-end multi-effects processor designed for guitarists seeking powerful tone shaping and versatile performance capabilities. With its Version 2.0 update, the GT-100 offers an expanded arsenal of features, including new amp types, cutting-edge MDP effects, an acoustic guitar simulator, and an improved rotary effect. This manual provides comprehensive instructions for setting up, operating, and maintaining your GT-100 to unlock its full potential.

## KEY FEATURES

- **Guitar Amp Effects Process with 6 Footswitches:** Provides extensive control over your sound with dedicated footswitches for various functions.
- **USB Computer Connectivity:** Seamlessly connect to your computer for recording, re-amping, and patch editing via BOSS TONE STUDIO software.
- **COSM Sound-modeling:** Delivers high-resolution amp and effect models, offering realistic dynamics and feel comparable to boutique hardware.
- **Expression Pedal:** Integrated expression pedal for real-time control over effects parameters like wah, volume, and more.
- **EZ Tone:** Simplifies the process of creating custom tones, allowing for intuitive sound adjustments.
- **Dual LCDs:** A radical new GT operating system with dual LCDs provides ultimate ease of use and clear visual feedback.
- **ACCEL/CTL Feature:** Offers instant and continuous real-time control of multiple effect parameters with six dedicated ACCEL effects.
- **Manual Mode:** Transforms the unit into a pedalboard full of stompboxes, allowing instant on/off control of effects via footswitches.
- **Phrase Looper:** Easy-to-use phrase looper for creative layering and practice.

- **Onboard Metronome:** Integrated metronome for practicing and jamming in time.
- **External Effects Loop:** Allows integration of your favorite external pedals into your signal chain.

## SETUP GUIDE

Follow these steps to set up your BOSS GT-100:

1. **Power Connection:** Connect the included AC adapter to the DC IN jack on the rear panel of the GT-100 and then to a power outlet.
2. **Guitar Input:** Connect your guitar to the INPUT jack on the rear panel using a standard 1/4-inch instrument cable.
3. **Output to Amplifier/PA:** Connect the L/MONO and R OUTPUT jacks to your guitar amplifier or PA system using 1/4-inch cables. For mono operation, use only the L/MONO jack.
4. **Headphones (Optional):** For silent practice, connect headphones to the PHONES jack.
5. **USB Connection (for Computer):** Connect the USB COMPUTER port on the GT-100 to your computer using a USB cable. This enables USB audio interface functionality and access to BOSS TONE STUDIO software.
6. **MIDI Connections (Optional):** Use the MIDI IN and MIDI OUT ports to connect to other MIDI devices for advanced control or synchronization.
7. **External Control (Optional):** Utilize the AMP CTL, SUB CTL 1/2, and SUB EXP jacks for connecting external footswitches or expression pedals for expanded control.
8. **External Loop (Optional):** Connect external effects pedals to the EXT LOOP SEND and RETURN jacks to integrate them into your GT-100's signal chain.



Image: Top view of the BOSS GT-100, showing the footswitches, expression pedal, and dual LCD screens.



Image: Rear panel of the BOSS GT-100, displaying various input/output jacks including USB, MIDI, and external control ports.

## OPERATING INSTRUCTIONS

The GT-100 offers a wide range of features for tone creation and performance. Here's an overview of key operational aspects:

### Navigating Programs and Patches

The GT-100 comes with 400 onboard programs (200 user, 200 preset). Use the BANK UP/DOWN footswitches to navigate through banks of patches. The numbered footswitches (1-4) select individual patches within a bank. A handy category search function allows you to quickly find sounds based on type.

### COSM Amp and Effects Modeling

The GT-100 utilizes BOSS's advanced COSM technology to deliver highly realistic and responsive amp and effect models. These models provide the dynamics and feel expected from high-quality analog gear. You can customize these models extensively, akin to having a "mod shop" for your amps and overdrives directly within the unit.

### Dual LCD Interface

The dual LCD screens provide an intuitive and easy-to-use interface for editing and navigating parameters. The left screen typically displays patch information, while the right screen shows detailed parameters for the selected effect or amp. Use the dedicated knobs below each screen for quick adjustments.

### ACCEL/CTL Feature

The ACCEL/CTL footswitch (blue) provides real-time control over multiple effect parameters simultaneously. This allows for dynamic sound manipulation during performance. There are six dedicated ACCEL effects that can be assigned and controlled.

### Manual Mode

Engage Manual Mode to transform the GT-100 into a traditional pedalboard. In this mode, the numbered footswitches (1-4) and other control pedals can be assigned to instantly turn individual effects on or off, similar to using separate stompboxes. This provides ultra-quick access and flexibility for live performance.

### Phrase Looper

The Phrase Looper function allows you to record and layer guitar phrases. The PHRASE LOOP footswitch (red) is dedicated to controlling the looper. This feature is excellent for practice, songwriting, and creating layered performances. The remaining footswitches can still be used to access other sounds and functions while looping.

### USB Audio Interface

The GT-100 functions as a full-featured USB audio interface, allowing direct connection to your computer for recording. This enables high-quality audio capture and re-amping capabilities, integrating your GT-100 seamlessly into your digital audio workstation (DAW).

### Onboard Metronome

For timing and practice, the GT-100 includes an onboard metronome. This can be activated and controlled directly from the unit, providing a reliable click for your playing sessions.

## External Effects Loop

An external effects loop (SEND/RETURN) is provided, allowing you to incorporate your favorite external pedals into the GT-100's signal path. This offers flexibility to combine the GT-100's internal effects with specialized external units.

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Video: Official product overview of the BOSS GT-100, demonstrating its features, sound capabilities, and user interface. This video highlights the COSM amp and effects, dual LCDs, ACCEL/CTL, Manual Mode, Phrase Looper, and USB connectivity.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your BOSS GT-100:

- **Cleaning:** Regularly wipe the unit with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents.
- **Storage:** Store the GT-100 in a dry environment, away from direct sunlight, extreme temperatures, and high humidity.
- **Power Off:** Always turn off the unit and disconnect the power adapter when not in use for extended periods.
- **Firmware Updates:** Check the official BOSS website periodically for firmware updates. Updates can introduce new features, improve performance, and fix bugs. Follow the instructions provided by BOSS for any update procedures.

## TROUBLESHOOTING

If you encounter issues with your GT-100, try the following basic troubleshooting steps:

- **No Power:** Ensure the AC adapter is securely connected to both the GT-100 and a working power outlet. Verify the power outlet is active.
- **No Sound:**
  - Check all cable connections (guitar, amplifier, output).
  - Ensure the volume levels on the GT-100, your guitar, and your amplifier are turned up.
  - Verify that no effects are muting the sound or set to extreme parameters.
  - If using headphones, ensure they are properly plugged in and the PHONES volume is adjusted.
- **Unexpected Sound/Noise:**
  - Check for faulty cables.
  - Ensure proper grounding to avoid hum.
  - Review current patch settings; some effects might introduce noise at high settings.
- **Footswitch/Expression Pedal Not Responding:**
  - Ensure the unit is not in a mode that disables the desired footswitch function (e.g., if in Manual Mode, patch selection footswitches behave differently).
  - Check assignments for the footswitches and expression pedal.
- **Software/Connectivity Issues (USB):**

- Ensure the correct USB drivers are installed on your computer.
  - Try a different USB port or cable.
  - Restart both the GT-100 and your computer.
- **Factory Reset:** As a last resort, performing a factory reset can resolve many issues by restoring the unit to its original settings. Refer to the official BOSS GT-100 manual for the specific procedure, as this will erase all user-created patches.

## SPECIFICATIONS

Item Weight	11.2 pounds (5.09 Kilograms)
Product Dimensions	27 x 15 x 7 inches
ASIN	B007F43362
Item Model Number	GT-100
Batteries	1 AA batteries required (included)
Hardware Interface	USB
Signal Format	Analog
Power Source	Corded Electric
Voltage	9 Volts
Amperage	300 Milliamps

## WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official BOSS website or the warranty card included with your product. If you require technical support or have questions not covered in this manual, please contact BOSS customer service through their official channels.

**Official BOSS Website:** [www.boss.info](http://www.boss.info)