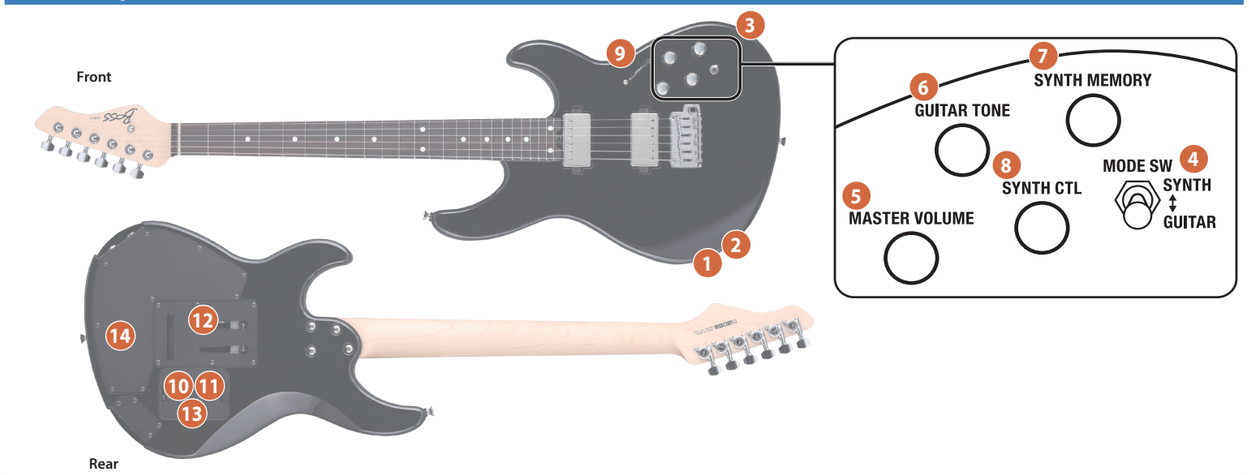
Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY" and the Owner's Manual). After reading, keep the document(s) where it will be available for immediate reference.

Panel Descriptions



Name		Explanation
1	DC IN jack	Connect the AC adaptor (PSA series; sold separately) to this jack. Using the AC adaptor lets you play without worrying about how much battery power is left. * Make sure to use only the specified AC adaptor (PSA series), and connect it to an AC outlet of the correct voltage. * If you connect the AC adaptor while the instrument is on, the AC adaptor supplies power instead of the batteries.
2	USB port	Use this port when you need to update the software on GS-1. Connect to your computer using a commercially available USB cable that supports USB 2.0.
3	OUTPUT jack, SYNTH OUT jack	Connect this jack to your guitar amplifier or effect unit. **Turning the power on/off** The OUTPUT and SYNTH OUT jacks also switch the power on/off. When you plug a cable into the OUTPUT jack or SYNTH OUT jack, the power of this instrument turns on. Unplugging both jacks turns the power off. When you are not using the GS-1, pull the plugs out of the jacks. * Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.
4	[MODE] switch	Switches between output signals for the OUTPUT jack and SYNTH OUT jack.

[MODE] switch setting	Connector	
	OUTPUT jack	SYNTH OUT jack
GUITAR	Outputs a normal guitar signal.	Nothing is output.
SYNTH	Outputs the synth's sound. * When only the OUTPUT jack is connected	Outputs the synth's sound.
	Outputs a normal guitar signal. * When both jacks are connected	

Name		Explanation
5	[MASTER VOLUME] knob	Adjusts the volume level.
6	[GUITAR TONE] knob	Adjusts the tonal character of the normal guitar.
7	[SYNTH MEMORY] knob	Switches between the six memory types. * Only when in SYNTH mode
8	[SYNTH CTL] knob	Controls the parameters assigned to each memory. * Only when in SYNTH mode
9	Five-way switch	Switches between normal guitar pickup positions. Neck (1) (2) (3) (4) (5) Bridge

1	Neck humbucker
2	Neck outer single coil
3	Neck and bridge humbuckers
4	Bridge single coils, in parallel (inner & outer)
5	Bridge humbucker

Name		Explanation
10	POWER indicator	Lights up when the power is on.

Lit green	Shows that there is sufficient battery power left.
Lit red	Shows that there are less than two hours of battery power left.

Name		Explanation
11	[Bluetooth] button/indicator	Use this button to register a **Bluetooth®** device. This is also used to display the Bluetooth connection status.

Lit	Connected
Rapidly blinking	Pairing mode
Blinking	Not connected

Name		Explanation
12	Tremolo cover	This is the cover for the tremolo unit.
13	Battery housing	Install the batteries here. (AA x 4) This instrument still works as a normal guitar even if the power is disconnected or if you take out the batteries.

NOTE

Never remove the electronic circuit cover (14). This instrument's warranty does not include any damage you might cause by removing the cover.

* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Connecting Wirelessly (Pairing)

"Pairing" involves registering the MIDI device that you want to use with the GS-1 (making the two devices recognize each other). After pairing, you can transmit and receive MIDI data between the GS-1 and your MIDI device.

Connecting an EV-1-WL to the GS-1

By wirelessly connecting an EV-1-WL to this instrument, you can control the parameters of the GS-1 in real time.

➡"EV-1-WL Connection Guide (GS-1)" (PDF)
https://roland.cm/ev-1-wl_om

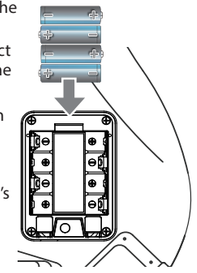
Connecting the GS-1 and GS-1 Editor (iOS/Android)

1. **Turn the GS-1 on.**
2. **Press the [Bluetooth] button on the GS-1.**
   The Bluetooth indicator on the GS-1 blinks blue.
3. **Select "GS-1" from the GS-1 Editor app.**
   The Bluetooth indicator on the GS-1 stops blinking and remains lit when pairing is finished.
   * If the EV-1-WL is already connected, "GS-1+" is shown on the GS-1 Editor.

Installing Batteries

Insert the batteries facing the correct way, as shown in the illustration.

* When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.
* If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's Manual).



Restoring the Factory Default Settings (Factory Reset)

1. **Turn the [MASTER VOLUME] and [SYNTH CTL] knobs to the MIN setting (counterclockwise all the way), the [SYNTH MEMORY] knob to the MAX setting (clockwise all the way), and flip the [MODE] switch to the SYNTH setting.**
   * Make sure that nothing is connected to the USB port.
2. **While holding down the [Bluetooth] button, insert the plug into the OUTPUT jack.**
   The instrument's power turns on, and the POWER indicator blinks green.
3. **Press the [Bluetooth] button again.**
   This executes the factory reset.

Main Specifications

Current Draw	105 mA
Expected battery life under continuous use	Alkaline battery: Approximately 9 hours * These figures will vary depending on the actual conditions of use.
Accessories	Owner's Manual, leaflet "USING THE UNIT SAFELY", Tremolo arm, Allen wrench, Gig bag
Options (sold separately)	AC adaptor (PSA series) Wireless MIDI Expression Pedal: EV-1-WL

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

For the USA

SUPPLIER'S DECLARATION OF CONFORMITY
Compliance Information Statement

Model Name : GS-1-CTM
Type of Equipment : Electronic Guitar
Responsible Party : Roland Corporation U.S.
Address : 5100 S. Eastern Avenue Los Angeles, CA 90040-2938
Telephone : (323) 890-3700

USING THE UNIT SAFELY

⚠ WARNING

Make sure that the power cord is grounded

Connect mains plug of this model to a mains socket outlet with a protective earthing connection. ⚠

⚠ CAUTION

Keep small items out of the reach of children

To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children. ❗

- Included Parts
  Hex wrench
- Removable Parts
  Screws

IMPORTANT NOTES

Power Supply: Use of Batteries

- Batteries should always be installed or replaced before connecting any other devices. This way, you can prevent malfunction and damage.
- If the batteries run extremely low, the sound may cut off, but this does not indicate a malfunction. If this occurs, please replace the batteries or use the AC adaptor (sold separately).
- If operating this unit on batteries, please use alkaline batteries.
- If operating this unit on batteries, please disconnect the AC adaptor from this unit.

Placement

- Do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.

Maintenance

- To clean the unit, use a dry, soft cloth; or one that is slightly dampened. Try to wipe the entire surface using an equal amount of strength, moving the cloth along with the grain of the wood. Rubbing too hard in the same area can damage the finish.
- For guitar maintenance and adjustments, contact your dealer.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- When disposing of the packing carton or cushioning material in which this unit was packed, you must observe the waste disposal regulations that apply to your locality.

Caution Regarding Radio Frequency Emissions

- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.
  - Using this device in a country other than where it was purchased
- Do not use this product closer than 22 cm (8–11/16 inches) from where a cardiac pacemaker is implanted. Doing so may affect the operation of the cardiac pacemaker.

Intellectual Property Right

- This product contains eParts integrated software platform of eSOL Co., Ltd. eParts is a trademark of eSOL Co., Ltd. in Japan.
- The **Bluetooth®** word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Roland is under license.
- This Product uses the Source Code of µT-Kernel under T-License 2.0 granted by the T-Engine Forum (www.tron.org).
- Roland, BOSS and EURUS are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

Bluetooth®

For the USA

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

(FCC Part15 Subpart C §15.247, 15.253, 15.255)

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines as this equipment has very low levels of RF energy.

(FCC Part15 Subpart C §15.247, 15.253, 15.255)

For Canada

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(RSS-Gen §8.4)

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'ISDE puisque cet appareil a une niveau tres bas d'energie RF.

(RSS-102 §2.6)