

english

xtsa

Godin





Robert Godin

Congratulations and thank you for choosing a Godin guitar. Each Godin guitar is meticulously crafted from the finest materials to provide you with an instrument worthy of a lifetime of music making.

Our goal with each Godin guitar is to find the perfect balance between the finest traditions of guitar crafting, the new design concepts that we are developing, and the integration of the latest developments in related electronics. From the selection of the wood to the final adjustments to the finished instrument, each Godin guitar is designed and built by people who love guitars.

Enjoy your new guitar.

The xtSA is a multi-voice guitar. A jack-of-all-trades and master of all of them, the xtSA's incredible sound power begins with three distinct voices: electric guitar, acoustic guitar and synth controller.

Electric guitar tones

The xtSA produces its electric sounds with help from the Godin humbucker-single-humbucker pickup configuration. A special 5-way switch setup makes it possible to get extra meaty humbucker tones and glassy split-coil sounds.

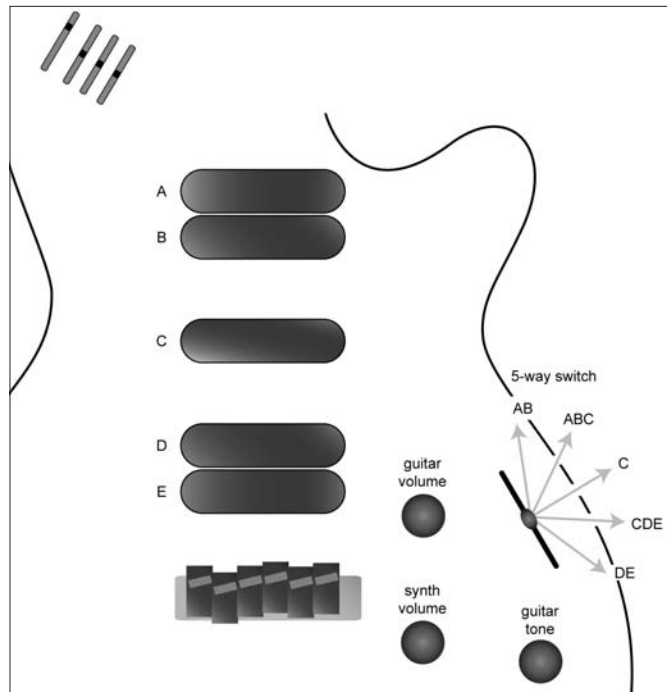


Diagram 1

To run through the electric sounds in the xtSA, use a standard guitar cord to connect output #2 (see diagram 3) to your guitar amp. Note: always remember to complete all connections before you turn your amp on. Turn the volume and tone knobs all the way up (clockwise) and follow diagram 2 to sample each of the pickup combinations using the five-way switch.

Acoustic Transducers and Preamp

Each bridge saddle on the xtSA is actually a sophisticated transducer. The signal from the six saddle transducers runs through an onboard preamp with a three-way graphic EQ. The four sliders on the xtSA's upper bout are the controls for the acoustic preamp. The top slider controls volume—pushed all the way in the direction of the neck produces maximum volume. Treble, midrange and bass (EQ) responses are controlled by the remaining three sliders. The EQ sliders provide boost and cut control for each of the three frequencies. In the center position, the sliders are off. Pushing the slider forward boosts the signal and pulling back cuts the signal. As a general rule, it's a good idea to start with the EQ sliders in the center (off) position and make adjustments from there.

Note: Generally speaking a slight dip in the mid-range frequencies will produce a more "acoustic" sound. Try setting the EQ with a slight dip in the mid slider to achieve this.

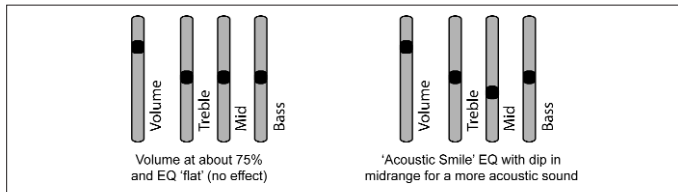


Diagram 2

Changing the battery

The active electronics for the bridge transducer system are powered by a single 9-volt battery accessible via a small compartment on the back of the guitar. The preamp is activated when you plug the guitar in. Therefore, to avoid draining the battery please make sure to unplug your jacks when the guitar will not be used for a long period of time. If the sound of the

bridge transducers starts to sound thin and fuzzy you are overdue for a battery change. Battery life is approximately 300 hours.

Outputs

A look at the bottom of the xtSA reveals three outputs: two 1/4" outputs and a 13-pin connector. Output #1—closest to the strap pin—is a dual function jack that works as a mix output, blending acoustic and electric sounds. Separate volume controls along with a blend control make it easy to mix the two signals. Output #2 carries the signal from the magnetic pickups (electric sounds). When a cable is plugged into output #2 the electric pickup signal is removed from the mix output so that there is now a separate signal for each of the pickup systems.

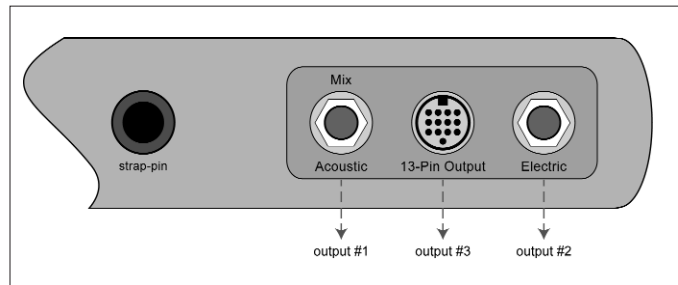


Diagram 3

Output #1 : Mix/Acoustic Guitar

When using just one cable, the signals from both pickup systems are fed through the Mix/Acoustic output jack (output #1). The level for the acoustic signal is controlled by the slider in the upper bout. The level for the electric sound is adjusted using the guitar volume knob next to the 5-way switch (see diagram 1).

Output #2 : Electric Guitar

When two cables are used in outputs 1 and 2, the signals are completely separated. This feature allows you to run the electric sounds into a guitar

amp and the acoustic sounds into an acoustic amp or directly into a mixer channel. This is the xtSA at its best because you get the full potential of both acoustic and electric voices as well as the possibilities of stereo effects.

Tip: We highly recommend running the acoustic transducer output jack to a volume pedal. You can then keep the guitar's acoustic transducer volume on at all times and control the output with the volume pedal. Another option is to use the acoustic tone along with the regular magnetic pickups to create one huge sound. For example: dial up a warm, jazzy sound from the neck position humbucker and apply a small amount of the signal from the bridge transducers to add definition or sparkle to the sound.

Output #3 : 13-Pin Connection

As with all of Godin synth-access instruments, a built-in 13-pin connector provides direct access to various devices. The 13-pin connector provides hexaphonic output. Hexaphonic is the term used to describe a system that sends a separate signal for each string. The hexaphonic signal from the 13-pin connector provides direct access to Roland GR-Series synths, the GI-20 interface and the various V guitar products that Roland has developed around the same 13-pin interface.

Used on its own, the 13-pin cable carries all three signals: magnetic pickups, bridge transducers and the hexaphonic signal for the synth. All of which are then output from the stereo outputs of your GR-Series synth.

*Note: the 13-pin cable is provided with the Roland GR synth or interface.

Onboard Controls for the 13-pin Connection

There are three controls on the guitar that pertain to the 13-pin connection:

The synth volume knob controls the volume of the synth.

The momentary switch doubles the functions of the S1 and S2 buttons on Roland's GK pickup. This switch can be assigned to access the tuner, wah pedal and for changing programs on the synth. Please see your Roland manual for more information on the S1/S2 buttons.

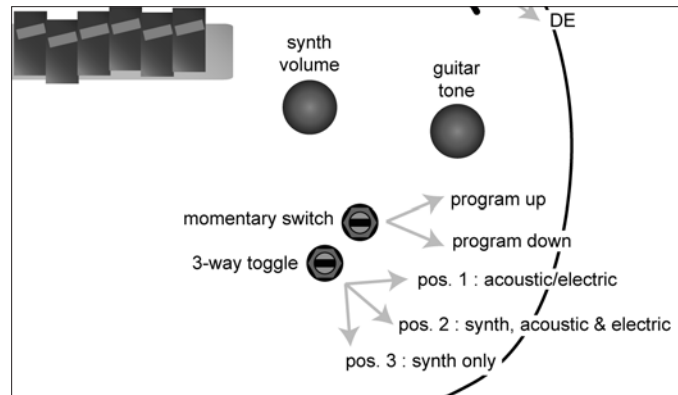


Diagram 4

The third control is a 3-way toggle switch that selects between position 1: acoustic & electric, position 2: synth, acoustic & electric, position 3: just synth. Note: the 3-way toggle applies to the signals carried by the 13-pin connector, but will not affect the guitar signal when the guitar is plugged directly from the regular guitar output jack.

Tip: Many guitar players prefer to run their guitar sound directly into an amp or effects device. You can remove the guitar signal from the stereo output of the GR-Synth by running a guitar cord from the Guitar Out jack into GR directly to your guitar amp. If you prefer to plug in to your amp directly from the guitar, you can eliminate the guitar signal from the stereo output of the GR by inserting a spare cord—or dummy jack—into the Guitar Out jack in the back of the Roland device.

3 Cords - 3 Outputs

You can use all three outputs to carry out a dedicated signal into three different channels or amp sources (see diagram 5). The same on-board configuration as the previous page applies in this situation as well.

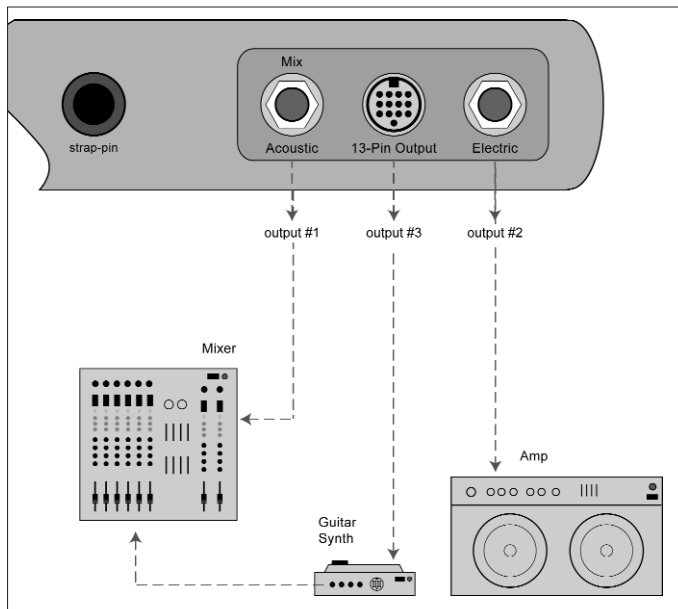


Diagram 5

Care and Maintenance

The xtSA neck is reinforced by a double-action truss rod system. The truss rod provides for easy adjustment when the neck reacts to changes in relative humidity. Truss rod adjustments should only be made by a qualified guitar technician. To avoid drying out your fingerboard, apply lemon oil on a soft cloth and then to your fingerboard. Allow the oil to soak in for a few minutes before removing the excess. This should be done with the strings removed and at least once every year. The easiest way to keep your guitar clean is by simply using a polishing cloth without using any polishes at all. However if you are going to use a polish, please use a non-abrasive, non-wax based polish. Apply the polish on a cloth first. Do not spray it directly on to the guitar. After you have polished the area you

are working on, turn the cloth over to a 'dry' side and remove any excess residue.

Wood reacts to changes in humidity. Too much dryness or moisture in the air can have a negative affect on your guitar. If your guitar is exposed to extreme temperature changes do not open your case without first allowing the temperature in the case to slowly return to normal. This will help prevent finish checking.

Additional information

Tuners

The xtSA features front-loaded locking tuners for easy string change and better intonation. Simply turn the locking tuner counter clock-wise to loosen, insert string, tighten the locking tuner by turning clock-wise and you're ready to tune.

Specs:

Top nut: Tusq by Graphtech

Nut width: 1 11/16"

Scale: 25 1/2 "

Radius: 16"

Tuners: High ratio Godin locking tuners

String gauge: Godin E-10 Nickel electric strings 10-46

Frets: Medium Jumbo Nickel

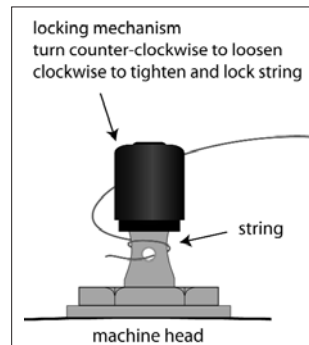
Magnetic Pickups: 2 Godin humbuckers and 1 Godin single coil pickup

Bridge transducers and preamp: RMC custom Poly-Drive system.

Body: Silver leaf maple center with white poplar wings covered in a Flame Maple leftop.

Neck: Mahogany

Fingerboard: Ebony



* GR-synth, GI-20, V-Guitar are all trademarks of the Roland Corporation
All specifications subject to change without prior notice.

Original Purchaser's Limited Warranty

The Godin Guitar Co. warrants this instrument with regards to materials and workmanship for a period of ONE year from the date of original purchase to the original purchaser. The instrument shall be purchased only from an Authorized Godin dealer.

Should the product require service, The Godin Guitar Co. will repair or replace the product free of charge during the warranty period. This warranty shall include all parts and labour.

If service is required, contact your Authorized Godin dealer at which point it will be determined whether the guitar can be serviced locally, or should be returned to the factory. All return freight and insurance charges will be paid by the customer.

The following are not covered by the Godin warranty:

Any instrument upon which the Serial number has been altered in any way.

Any instrument that has been damaged due to misuse, neglect, or accident.

Normal wear and tear including machine heads, worn frets, saddles and nuts.

Strings and batteries.

Any instrument that has been subjected to extreme changes in temperature or humidity.

Cracking or discoloration to the finish.

The Godin Guitar Co. assumes no liability for any loss of income, dissatisfaction, or damages arising from the loss of use of this product due to defects or availability of the product during service.