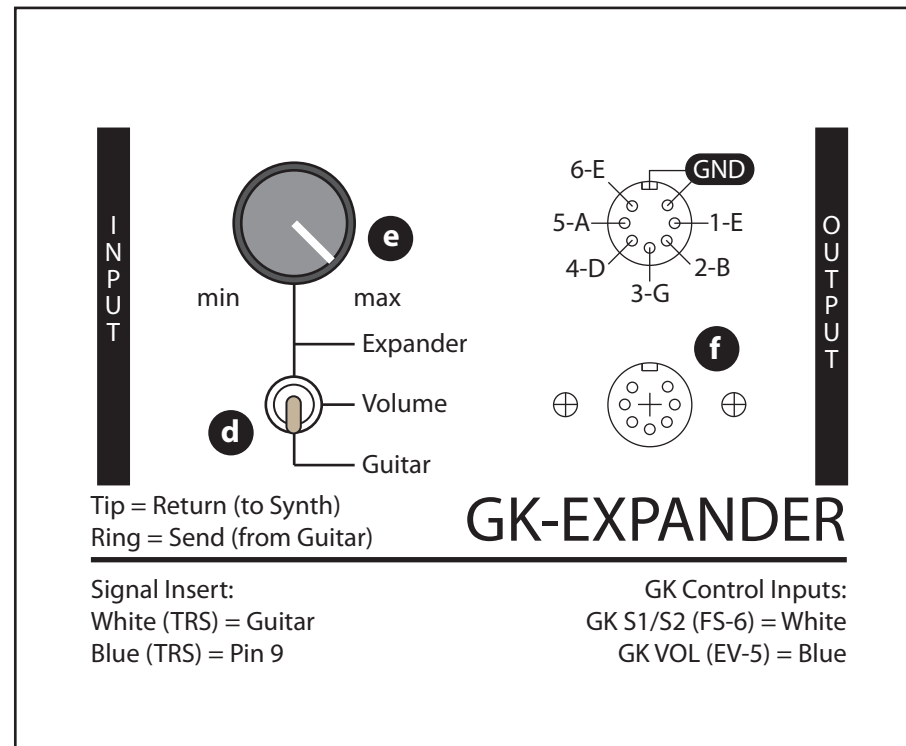


a) - Synth Guitar Input. Input for 13-pin Roland GK Guitar. This input should **not** be used when playing recorded tracks from a computer back to the attached Roland guitar synthesizer.

b) - Guitar Input. Input for standard guitar. This is an electronically buffered input which sends a standard guitar signal to the attached Roland guitar synthesizer. Plugging a guitar into this jack interrupts the standard guitar signal sent from the (a) Synth Guitar Input.

This is a tip-ring-sleeve (trs) jack. The “tip” connection sends signal to the attached Roland guitar synthesizer. The “ring” connection is the guitar signal from the (a) Synth Guitar Input. In addition to a guitar input, this connection can be used as an effect insert for the guitar signal sent from the (a) Synth Guitar Input. For example, by plugging a Roland EV-5 into this jack, the EV-5 can be used to control the volume of the guitar signal sent from the (a) Guitar Synth Input.

c) - Pin 9 Insert. Pin 9 is used in the Roland GK-3 specification to determine the position of the guitar/guitar+synth/synth switch. Pin 9 is not used in the Roland GK-2 specification. This is a tip-ring-sleeve (trs) jack. The “tip” connection sends signal to the attached Roland guitar synthesizer. The “ring” connection is the signal from the (a) Synth Guitar Input.

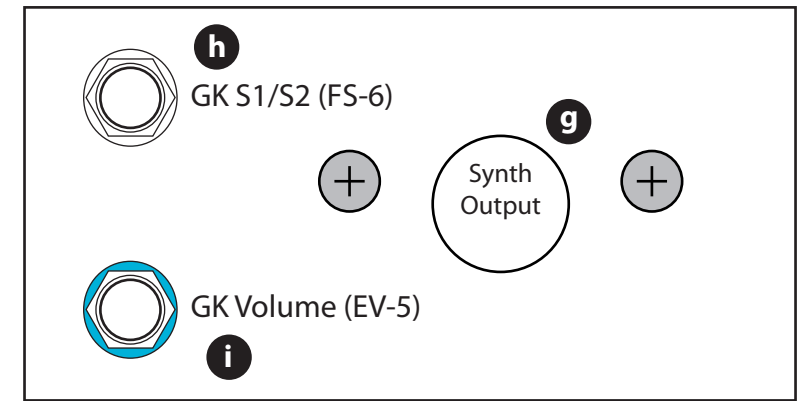


d) - GK Volume Select. In the “Guitar” position, the GK volume control on the attached Roland guitar sets the GK Volume level. In the “Expander” position, the top panel (e) Volume Control sets the GK volume level.

e) - Volume Control. Sets the GK Volume level when the (d) GK Volume Select switch is in “Expander” position.

f) - Individual String Input/Outputs. This 7-pin DIN jack provides isolated connections to the six individual GK string signals. When playing the attached Roland GK Guitar, individual signals can be recorded to an external device, such as a computer DAW.

When the tracks are played back from the DAW, this serves as an input to send the individual signals to the attached Roland guitar synthesizer. In this manner, multiple guitar synthesizer tracks can be layered, or individual parts can be quantized, etc.



g) - Synth Output. Output of the GK Expander. A Roland guitar synthesizer must be attached at all times to provide power to the GK Expander, and to the (a) Synth Guitar Input.

h) - GK S1/S2 Input. Input for external GK S1/S2 control. This is a tip-ring-sleeve (trs) jack. Plugging into this jack interrupts the GK S1/S2 signals sent from the (a) Synth Guitar Input. This feature was designed with the Roland FS-6 in mind. The external switch should be a momentary switch, normally open. Connecting the “tip” to ground sends a GK S1 signal, connecting the “ring” to ground sends a GK S2 signal.

i) - GK S-Volume Insert. This is a tip-ring-sleeve (trs) jack. The “tip” connection sends GK S-Volume signals to the attached Roland guitar synthesizer. The “ring” connection is output of the (d) GK Volume Select switch. By plugging a Roland EV-5 pedal into this jack, Guitar Synthesizer volume can be controlled by the EV-5 pedal. The position of the (a) Synth Guitar GK volume knob, or the (e) Volume Control sets the maximum level. For example, if the GK volume control on the guitar is 80%, pressing the EV-5 pedal to the maximum position will still result in a 80% volume level.