



Volume control inputs  
(before buffer amplifier)

**V1 - V4** (left-to-right)

- Pin 1 = Gtr GK S-Vol
- Pin 2 = Synth A Buffer
- Pin 3 = Gtr GK S-Vol
- Pin 4 = Synth B Buffer
- Pin 5 = Gtr GK S-Vol
- Pin 5 = Synth C Buffer
- Pin 7 = Gtr GK S-Vol
- Pin 8 = Synth D Buffer

Volume control MUTE  
inputs (after buffer amplifier)

**M1 - M4** (left-to-right)

- M1 = Mute Synth A
- M2 = Mute Synth B
- M3 = Mute Synth C
- M4 = Mute Synth D

GK S1/S2 Signals

Top Row (from guitar)

**GK S1 - GKS2 - GKS1 - GKS2 - GKS1 - GKS2 - GKS1 - GKS2**

Bottom Row (to synth)

GK S1 (A) GK S2 (A) - GK S1 (B) GK S2 (B) GK S1 (C) GK S2 (C) - GK S1 (D) GK S2 (D)

+5 volt(max synth) power  
maximum synth volume

## GK QuadBox PCB Layout and Connect Points

Volume control INSERT  
inputs (after buffer amplifier)

**J1 - J4** (left-to-right) bottom row

- J1 = Synth A Send
- J2 = Synth B Send
- J3 = Synth C Send
- J4 = Synth D Send

Volume control INSERT  
inputs (after buffer amplifier)

**J1 - J4** (left-to-right) top row

- J1 = Synth A Return
- J2 = Synth B Return
- J3 = Synth C Return
- J4 = Synth D Return

LED Power Supply

- L1 = LED Power
- L2 = LED Power
- L3 = LED Power
- L4 = LED Power