

VnIcursal VCA Calibration

the trimming process requires 2 calibration procedures(sometimes step 2 is not necessary):

1. there are 6 trimmers on the pcb, corresponding to the 6 channels, for zeroing out the bleed on each vca. you can get all scientific and measure the db, but i just do it by ear. insert a harmonically rich waveform like a saw or square into the audio input with the panel control/potentiometer at full ccw(counter clockwise)and plug the vca out to whatever mixer/amp chain you work with(maybe turn your mixer/speakers up louder than usual) and then turn the trimmer on the pcb slightly to the left/ccw until the vca is silent. If your vca is silent from the start then good, and move on and repeat for each channel.
2. next is calibration for the cv overlap/bleed. use the same harmonically rich waveform from step one and insert it into an input. plug the vca out to same mixer/amp chain. now insert a dummy cable(meaning plug one end of a cable into the vca and leave the other end disconnected) into the cv input. turn the panel control/pot fully clockwise(open) and listen if there is any bleed from the audio in. if so, turn the trimmer on the pcb slightly to the left/ccw until the vca is silent. repeat for each channel.