

# BEL AIR WAH

## SWITCH PRESSURE AND VOLUME RANGE ADJUSTMENTS

### User PC Card Adjustments

#### Switch Pressure:

This can be adjusted by turning the multi turn preset marked **SW ADJ** slowly and in small increments from the factory preset position. Test the feel of the switch and if necessary adjust again until the required feel is found.

#### Volume Range:

The Volume Range is factory set to about 20Db and this range can be adjusted with multi turn preset marked **VOL**. As this a multi turn preset it will take a few turns or so to hear a difference and this preset does not allow for complete silence but rather gives a useful control range for the player when performing to give expression. After all you still have a VOLUME control on the Guitar that can be used in conjunction with the Volume function to give a wide range of performance control.

**DANGER:** Do not adjust the other two presets as this will cause the pedal to malfunction due to not being correctly set up. The setup procedure should be left to competent technicians with the correct test equipment and really cannot be set by trial and error.

#### Electronic Method to Set Starting Point for Switch Pressure:

If the BEL AIR WAH will not turn on and off this is almost certainly due to the switch pressure not being set up correctly. So please set the pressure first and don't touch anything else before you do this.

**Equipment Needed:** Digital Multimeter 3.5 digits.

Turn the pedal upside down so that the pedal top is resting lightly on the rubber stop. Measure voltage at **POINT B (pin 5, IC2)** and then adjust the voltage at **POINT C (pin 6, IC2)** to be equal within 2mV or so using the **SW ADJ** multi-turn preset. This adjustment will roughly set the switch to a starting position. Find out whether the switch works by checking out the LED and adjust the preset until the desired pressure is obtained.

The above information is supplied to assist users who wish to make adjustments to their BEL AIR WAH or have moved the SW ADJ timmer out of working range.

For full technical set-up from scratch please contact us directly as this work should only be done by a professional competent technician.

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