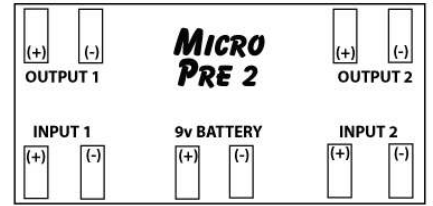
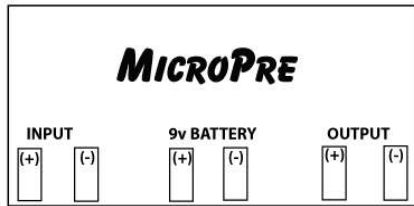
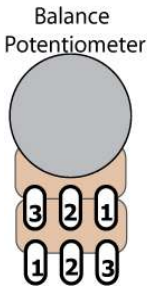
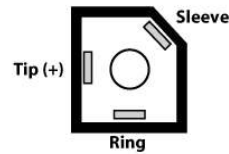
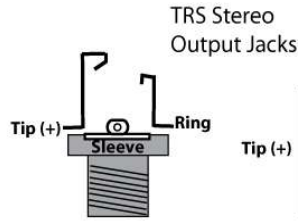
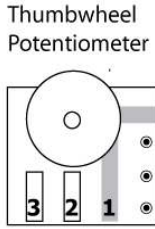
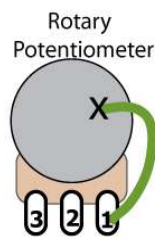


MicroPre and MicroPre 2 Instructions

The MicroPre is a single channel Jfet preamp providing up to 4 db of gain and a single mono output. The Micro Pre 2 is a two channel Jfet preamp that provides up to 4 db of gain per channel and separate (stereo) outputs.

Rotary Potentiometer:

Shown with the solder lugs pointing up. To function as a volume pot, lug 1 is soldered to ground on the back of the pot. Lug 2 is the wiper, lug three is the tap.



Thumbwheel Potentiometer:

Schatten Design

thumbwheel mounted circuit

board shown. Lug 1 is soldered to pad 1 on the circuit board which is ground. Lug 2 is the wiper, lug 3 is the tap.

TRS Stereo Output Jacks: Regular stereo jacks have 3 lugs. On these jacks, Tip is used for the (+) signal, Ring is used as a switch to turn the battery on when a mono plug is inserted into the jack. The insertion of the mono plug into a stereo jack creates a connection between the Ring and the Sleeve. Sleeve is used as ground.

Balance Potentiometer: This is a stacked linear pot in which the upper and lower sections are reverse taper to each other. These pots often have a center detent.

Basic Wiring Configurations: For the single channel MicroPre, figures 1 and 2 show wiring using normal audio taper (log) potentiometers. Figures 3 and 4 show wiring using Schatten Design circuit board mounted thumbwheel potentiometers. Note that the ring contact on the jack is being used as the battery switch.

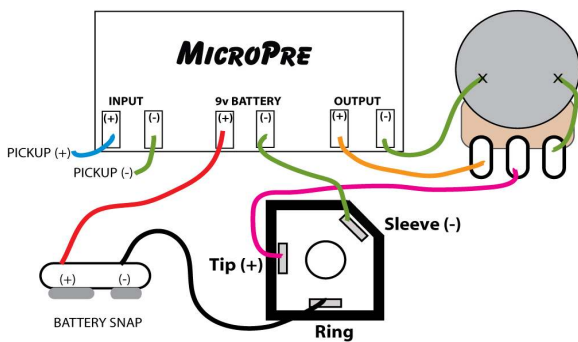


fig 1

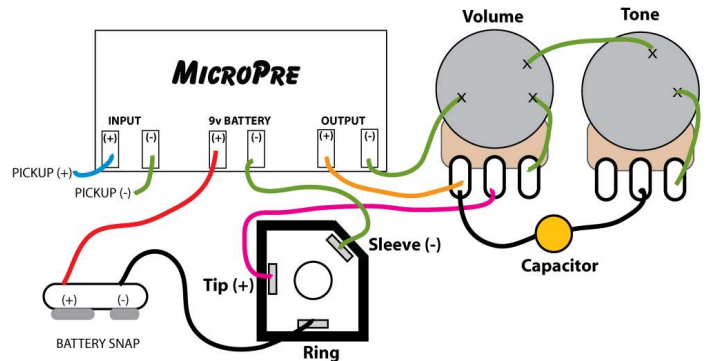


fig 2

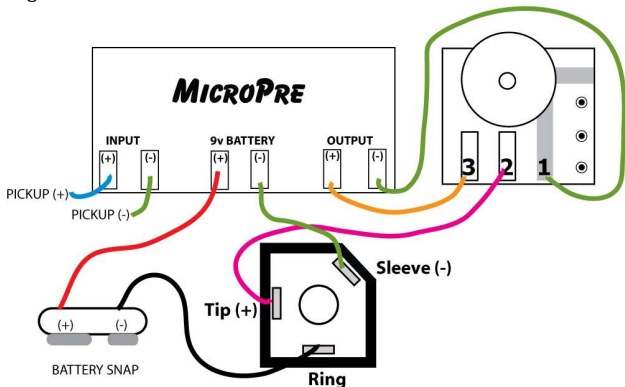


figure 3

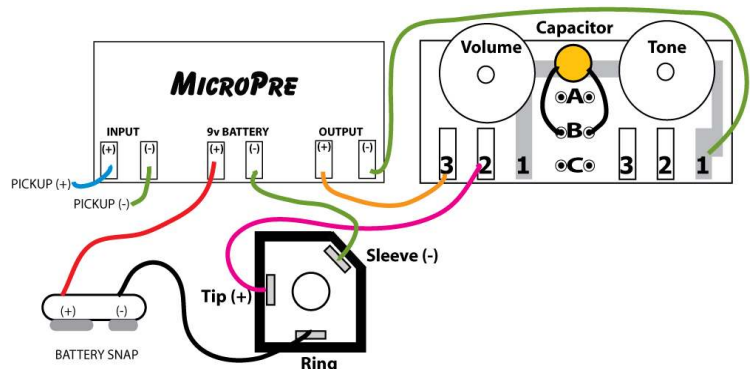


fig 4

For the two channel MicroPre 2, figure 5 shows the wiring using a balance pot and an over all volume and tone. Figure 6 shows one volume control used for each channel and an over all tone control.

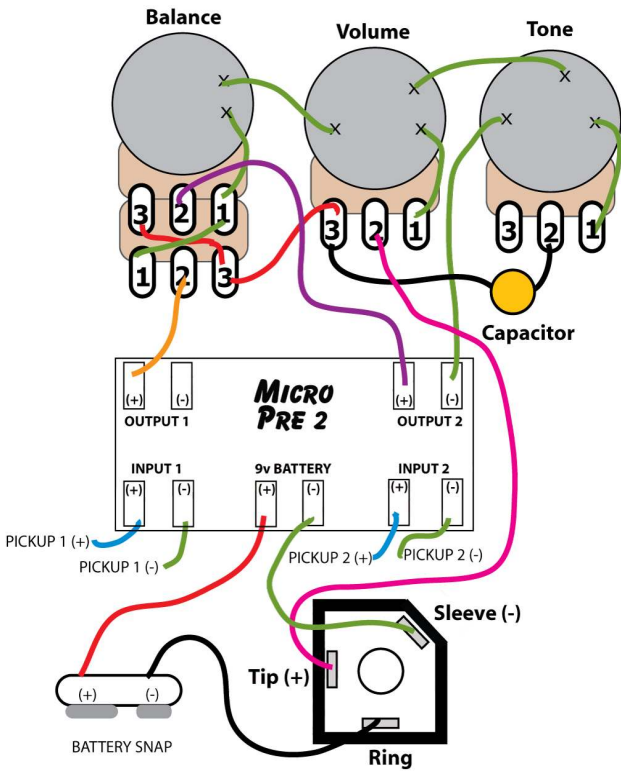


figure 5

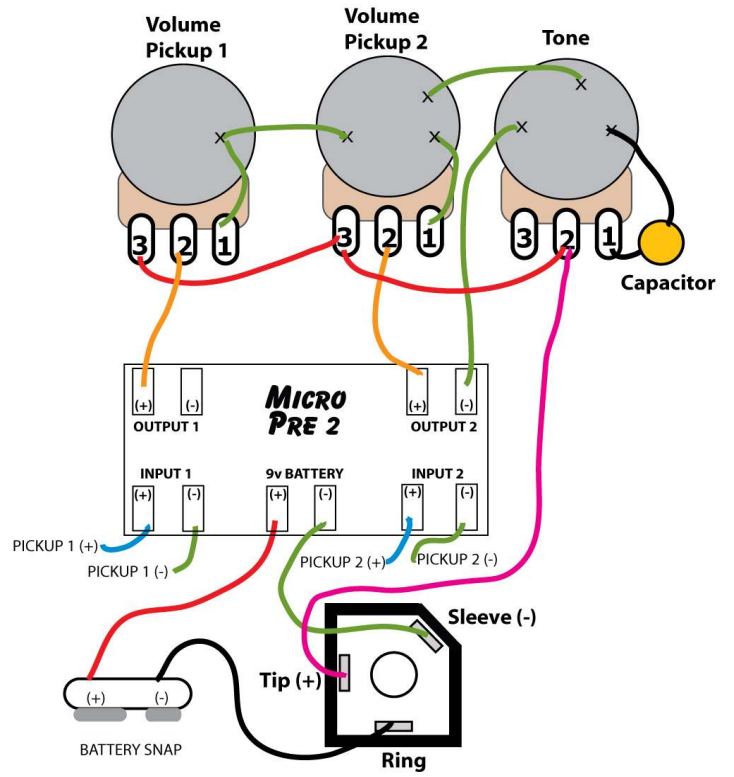


figure 6