

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 **MicroPre 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, 4A and 4B 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.

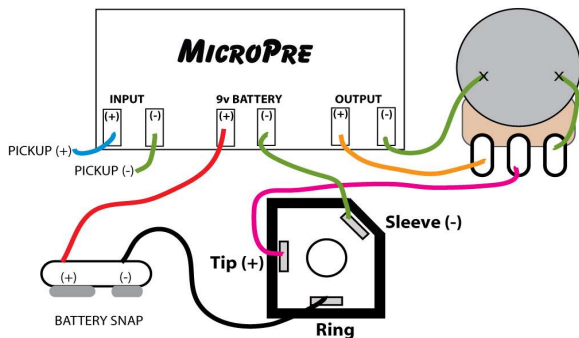


fig 1

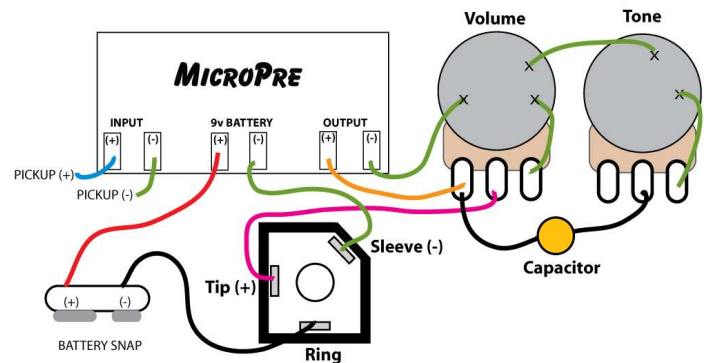


fig 2

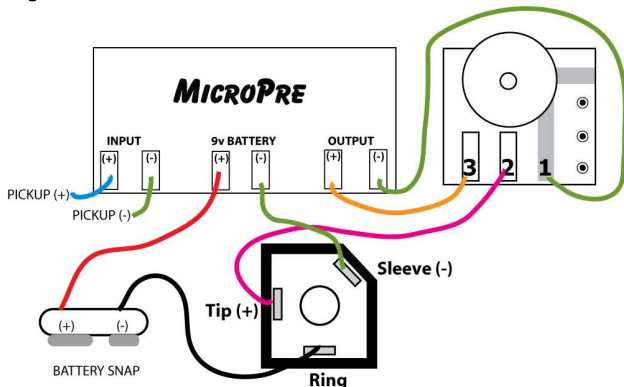


figure 3

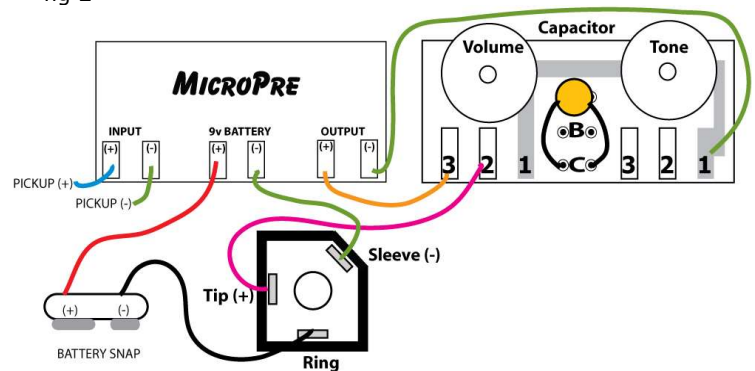


fig 4A

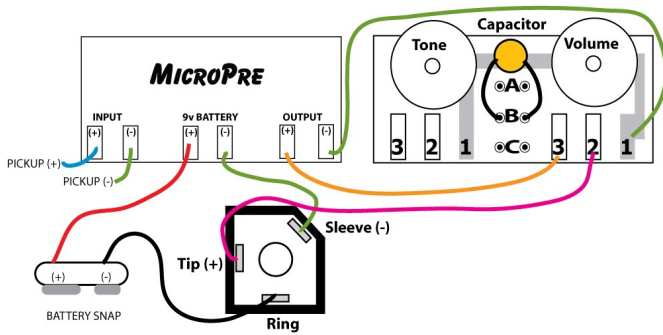


fig 4B

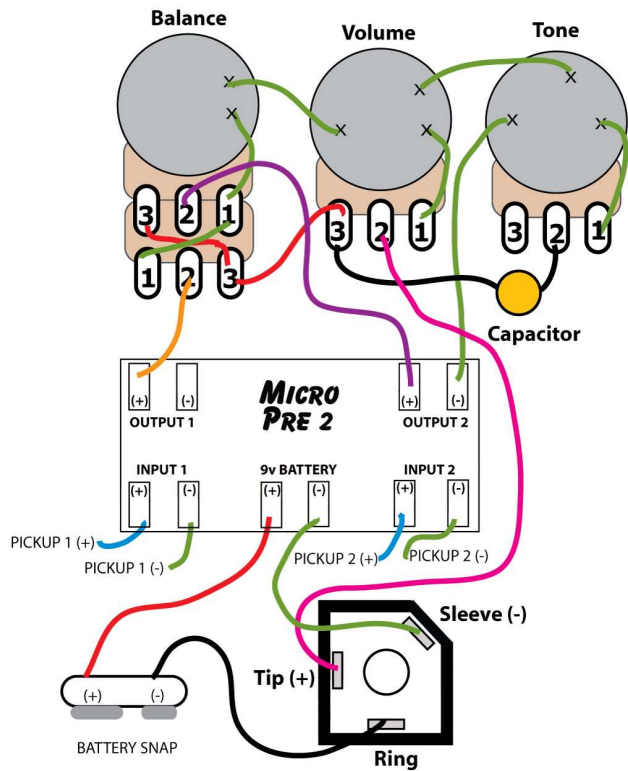


figure 5

For the two channel MicroPre 2, figure 5 shows the wiring using a balance pot and an over all volume and tone. This configuration may be used when preamping two magnetic pickups. It normally will not work with a piezo pickup . (A balance pot is not supplied with the Micro Pre 2 wiring kit, three normal pots are supplied). Figure 6 shows one volume control used for each channel and an over all tone control.

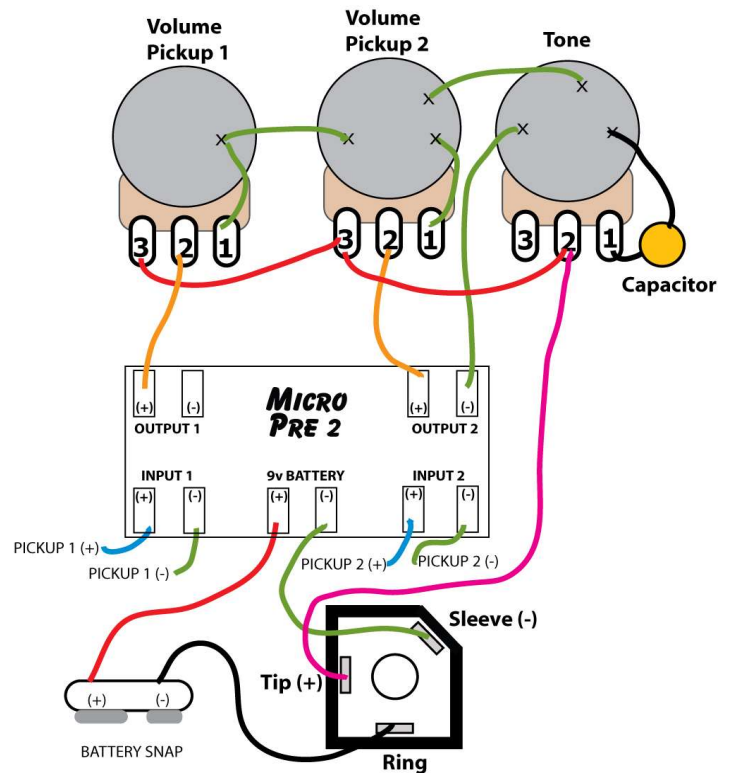


figure 6

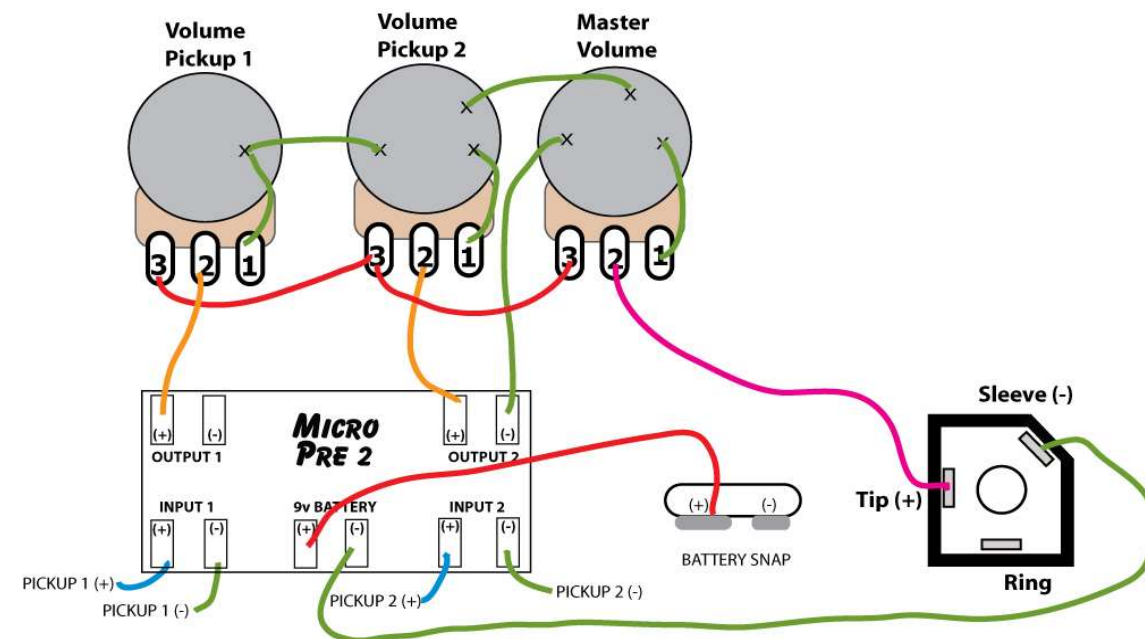


fig 7

Figure 7 shows two separate volume controls and a master volume control. This configuration will work properly when wiring a mag pickup and a piezo pickup together.