








## Resistor Color Codes & Primer

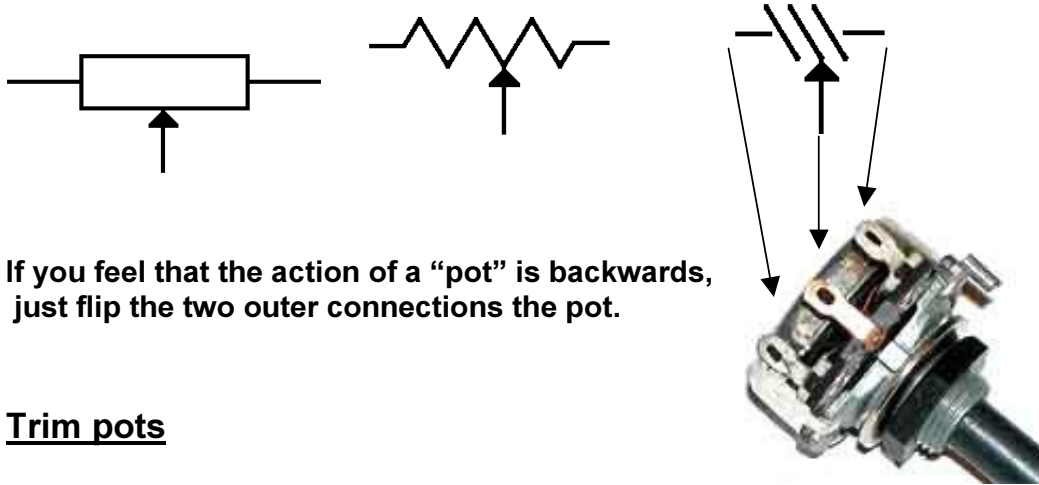


1 <sup>st</sup> & 2 <sup>nd</sup> color band		3 <sup>rd</sup> color band	Examples	
<b>Black</b>	0	don't add anything		<b>15 ohm</b>
<b>Brown</b>	1	add "0"		<b>330 ohm</b>
<b>Red</b>	2	add "00"		<b>8,200 ohm = 8.2k</b>
<b>Orange</b>	3	add "000"		<b>47,000 ohm = 47k</b>
<b>Yellow</b>	4	add "0,000"		<b>560,000 ohm=560k</b>
<b>Green</b>	5	add "00,000"		<b>1,200,000ohm = 1,2M</b>
<b>Blue</b>	6	add "000,000"		<b>10,000,000ohm = 10M</b>
<b>Violet</b>	7	add "0,000,000"		
<b>Gray</b>	8	add "00,000,000"		<b>Last color band = tolerance</b>
<b>White</b>	9	add "000,000,000"		<b>Gold 5%, silver 10%</b>

## Potentiometers

There are basically two kinds, Audio (**logarithmic**), good for volume controls. **Linear** is good for controlling gain (distortion). Tone controls are using both of the two types.

Unfortunately they are inconsequent labeled, an A can stand for both Audio and Linear! If it's a "B" on the pot it's usually a "Log".



If you feel that the action of a "pot" is backwards, just flip the two outer connections the pot.

## Trim pots

