

## Voltage Amplifier

Voltage Amplifiers are used to boost the voltages in a circuit. The output voltage on a voltage amplifier would be higher than the input voltage.

An op-amp is a voltage amplifier and the 741 op-amp is a general purpose op-amp. There are two ways op-amps work, they can be inverting or non-inverting amplifiers depending on what pin the current is connected to. The difference between an inverting and non-inverting is that the output voltage would either be in positive or negative volts. An inverting amplifier would change the output to either a positive or negative voltage depending on what charge the input was, non-inverting does not.

