

op-amp performance. More complicated circuits using multiple op-amps can do better.





With this circuit, DC conditions may require special care because the integral of a constant eventually becomes infinite.



NOTE: because of bandwidth limitations,

this circuit does not usually work very well.



Filter with two simple poles (high-pass and low-pass):



Precision rectifier for low voltages with optional filtering. $v_{OUT} = \frac{R_{SCALE}}{2R} |v_{IN}|$