

## CV Attenuator, In-plug

A special purpose patch cord can be assembled for attenuating or reducing the high-level audio (or control) signals as detailed below. With 10K and 1K resistors, a 10V signal or CV source would be dropped down to about 1V. Note in the images below, the resistors are 100K and 12K, providing approximately the same divide.

1/8" W resistors are positioned and wrapped around the base of the tip and sleeve terminals of the plug and soldered. A thick wire or thin nail can be used to hold the free ends of the resistor apart from each other as their ends are twisted for soldering. Tin the end of the cable and form a hook to reach around the joined resistor ends. Slip a piece of tubing over the cable to slide over the wire/resistor solder joint and crimp the plug strain relief wings over the cable end. Screw on the cover.

