

Application Note: Using the Remote Sense Feature

Remote sense is a feature which detects the output voltage at a point remote from the power supply (at the load). This enables outputs to regulate voltage and to compensate for voltage drop which are associated with output cables.

Remote sense is accomplished by connecting the error sensing leads directly to the load(s) along with the output wires. **NAI power supplies** compensate for line drops of up to 0.5 volts. All products have remote sense on the primary output and many have it on all switched outputs.

The **remote sense** outputs are connected directly to the load along with the corresponding output. **NAI power supplies** may also be used without the **remote sense** connected; which will result in outputs which will be up to 0.5vdc higher.

See output wiring diagram below:

