Series 2200 power Supplies Quick Start Guide

Front Panel Operation

STEP 1 Setting the Output Voltage
1. Press V-Set.
2. Use the arrow keys, numeric keypad, or the navigation wheel to enter the desired voltage output value.
3. Press Enter to set the voltage.

STEP 2 Setting the Current Limit
1. Press I-Set.
2. Use the arrow keys, numeric keypad, or the navigation wheel to enter the current limit.
3. Press Enter to set the current.

STEP 3 Turning on the Output
1. Press Output ON/OFF

Remote Operation

The following SCPI command example resets the power supply, sets the voltage output to 3.33V, the current limit to 1.6A and turns the output on.

```
*RST
SOURCE:FUNC:MODE FIX
SOURCE:VOLT 3.33V
SOURCE:CURR 1.6A
SOURCE:OUTP:ON
```

Connecting a Device

OPTION 1   Using Local Sense (Lead Wire Resistance not Compensated)

1. Install the shorting clip (included in accessories) on the rear panel terminal strip as shown in Figure 1 below. You may also use jumpers between DRIVE+ and SENSE+, and between DRIVE- and SENSE-.
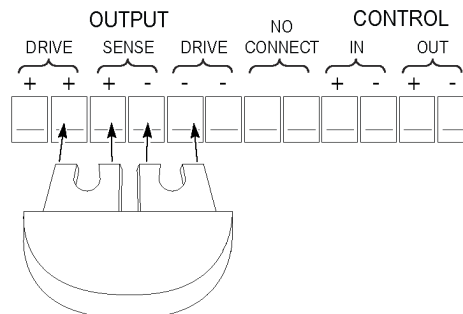

Figure 1 Rear Panel Shorting Clips

2. Connect two wires from either the front panel binding posts, as shown in Figure 2 below, or the rear panel DRIVE+ and DRIVE- terminals to your device under test.
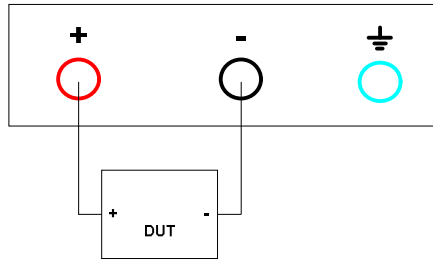

Figure 2 Connecting a Device to the Front Panel

OPTION 2   Using Remote Sense (Lead Wire Resistance Compensated)

1. Remove any jumpers or the shorting clip on the rear panel terminal strip connectors between DRIVE+ and SENSE+ and between DRIVE- and SENSE-.
2. Connect a pair of leads from SENSE+ and SENSE- to the device under test as shown in Figure 3 below. (NOTE: To assure system stability, use a jacketed, twisted-pair cable between the remote sense terminals of the Series 2200 and the load.)
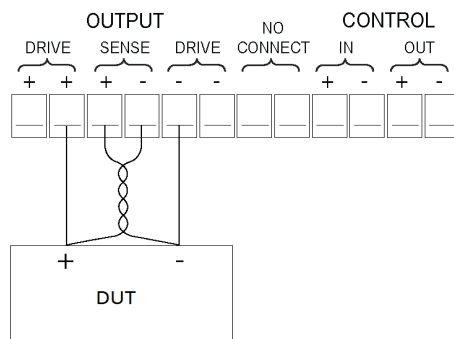3. Connect a pair of leads from the DRIVE+ and DRIVE- to the device under test as shown, again, in Figure 3.

Figure 3 Connecting a Device to the Rear Panel