2. DC Offset

This test measures the DC offset of the input.

Setup

Connect a 50Ω terminator to the A input. This shorts the input so the lock-in's own DC offset will be measured.

Procedure

1) {PRESET} (Turn the lock-in off and on with the [Setup] key pressed)

2) Press the keys in the following sequence:

>   [Freq]
>   Use the knob to set the frequency to 1.00 Hz.
>
>   [Sensitivity Down]
>   Set the sensitivity to 1 mV.
>
>   [CH1 Display]
>   Set the Channel 1 display to R.

3) Wait at least 10 seconds, then record the reading of R.

4) Press

>   [Couple]
>   Select DC coupling.

5) Wait 10 seconds, then record the reading of R.

6) This completes the DC offset test. Enter the results of this test in the test record at the end of this section.