

## STORING and RECALLING SETUPS

The SR830 can store 9 complete instrument setups in non-volatile memory.

1. Turn the lock-in on while holding down the [Setup] key. Wait until the power-on tests are completed. Disconnect any cables from the lock-in.

When the power is turned on with the [Setup] key pressed, the lock-in returns to its standard settings. See the Standard Settings list in the Operation section for a complete listing of the settings.

Change the lock-in setup so that we have a non-default setup to save.

2. Press [Sensitivity Down] to select 100 mV.  
Press [Time Constant Up] to select 1 S.

Change the sensitivity to 100 mV.

Change the time constant to 1 second.

3. Press [Save]

The Reference display shows the setup number (1-9).

Use the knob to select setup number 3.

The knob selects the setup number.

Press [Save] again.

Press [Save] again to complete the save operation. Any other key aborts the save.

The current setup is now saved as setup number 3.

4. Turn the lock-in off and on while holding down the [Setup] key. Wait until the power-on tests are complete.

Change the lock-in setup back to the default setup. Now let's recall the lock-in setup that we just saved.

Check that the sensitivity and time constant are 1V and 100 ms (default values).

5. Press [Recall]

The Reference display shows the setup number.

Use the knob to select setup number 3.

The knob selects the setup number.

Press [Recall] again.

Press [Recall] again to complete the recall operation. Any other key aborts the recall.

The sensitivity and time constant should be the same as those in effect when the setup was saved.