CH1 Display   CH2 Display   Ref Display

Signal Inputs   Analog Outputs   Ref Input   Sine Output
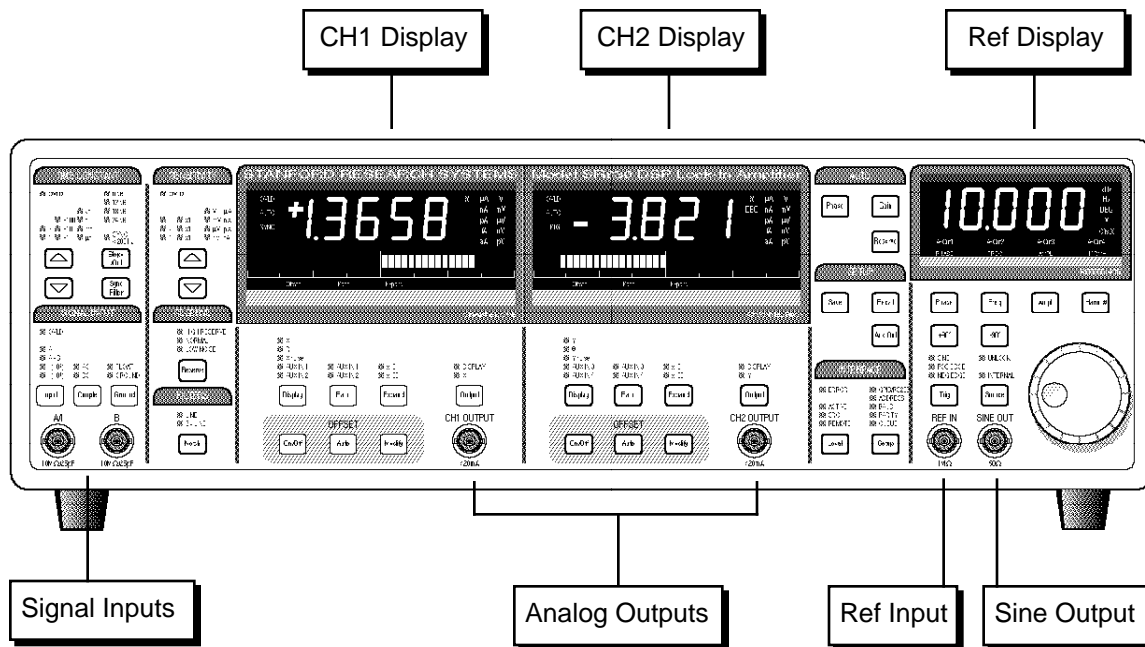
**Power**
The power switch is on the rear panel. The SR830 is turned on by pushing the switch up. The serial number (5 digits) is shown in the CH1 and CH2 displays and the firmware version is shown in the Ref display at power on.

A series of internal tests are performed at this point.

**DATA**  Performs a read/write test to the processor RAM.

**BATT**  The nonvolatile backup memory is tested. Instrument settings are stored in nonvolatile memory and are retained when the power is turned off.

**PROG**  Checks the processor ROM.

**DSP**  Checks the digital signal processor (DSP).

**rCAL**  If the backup memory check passes, then the instrument returns to the settings in effect when the power was last turned off (User). If there is a memory error, then the stored settings are lost and the standard (Std) settings are used.

**Reset**
To reset the unit, hold down the [Setup] key while the power is turned on. The unit will use the standard settings. The standard setup is listed on the next page.

**[Keys]**
The keys are grouped and labelled according to function. This manual will refer to a key with brackets such as [Key]. A complete description of the keys follows in this section.

*4-1*