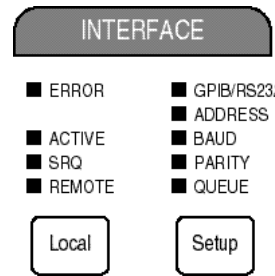


## Interface



### [Setup]

Pressing the [Setup] key cycles through GPIB/RS232, ADDRESS, BAUD, PARITY and QUEUE. In each case, the appropriate parameter is displayed in the Reference display and the knob is used for adjustment. Press [Phase], [Freq], [Ampl], [Harm#] or [Aux Out] to return the display to normal and leave Setup.

#### **GPIB/RS232**

The SR830 only outputs data to one interface at a time. Commands may be received over both interfaces but responses are directed only to the selected interface. Make sure that the selected interface is set correctly before attempting to program the SR830 from a computer. The first command sent by any program should be to set the output to the correct interface.

Setup GPIB/RS232 displays the output interface. Use the knob to select GPIB or RS232.

#### **ADDRESS**

Setup ADDRESS displays the GPIB address. Use the knob to select an address from 0 to 30.

#### **BAUD**

Setup BAUD displays the RS232 baud rate. Use the knob to adjust the baud rate from 300 to 19200 baud.

#### **PARITY**

Setup PARITY displays the RS232 parity. Use the knob to select Even, Odd or None.

#### **QUEUE**

The last 256 characters received by the SR830 may be displayed to help find programming errors. Setup QUEUE will display 6 characters (2 per display) in hexadecimal (see below). Turn the knob left to move farther back in the buffer, turn the knob right to move towards the most recently received characters. A '!' is displayed to indicate the ends of the buffer. All characters are changed to upper case, spaces are removed, and command delimiters are changed to linefeeds (0A).

To leave this display, press [Setup] to return to GPIB/RS232 before pressing [Phase], [Freq], [Ampl], [Harm#] or [Aux Out] to return the display to normal and leave Setup.