

C:\Users\Second Harmonic Spec\Documents\Labview Training\Data Aquisition\Stanford Research 830\Utility\User Interface.vi

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## Connector Pane

## Stanford Research 830.lvlib:User Interface.vi



## Front Panel

## GUI for SR830 Lock-In Amplifier

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**Program Info:**

User interface for SR830 Lock-In Amplifier.

**Note:**

Please turn on one of the red button at a time while keeping the others in off state, otherwise it will give an erroneous output.

### Identity and Error I/O

VISA resource name

error in (no error)

status code

source

VISA resource name out

error out

status code

source

### Remote/Local

Remote/Local

Remote Access

### Reset Lock-In

Reset

NO

### Auto

Auto Gain

Auto Reserve

Auto Phase

### Time Constant, Low Pass Filter, Sync Filter

Time Constant

Slope/Oct

Sync Filter

### Sensitivity

Sensitivity

### Signal Input

Input

Couple

Ground

### Dynamic Reserve

Dynamic Reserve

### Channel One

Channel 1 Display (0: X)

Channel 1 With Ratio

Channel 1 Expand

Channel 1 Output

Auto Offset Ch-1

Channel 1 Offset

### Setup

Enable Save/Recall

Save/Recall

Save to/Recall from #

Aux Out #

Aux Out Voltage

### Channel Two

Channel 2 Display (0: X)

Channel 2 With Ratio

Channel 2 Expand

Channel 2 Output

Auto OffsetCh-2

Channel 2 Offset

### Reference

Phase

Frequency

Amplitude

Harmonic

Trig

Reference Source

### Show LIA Status

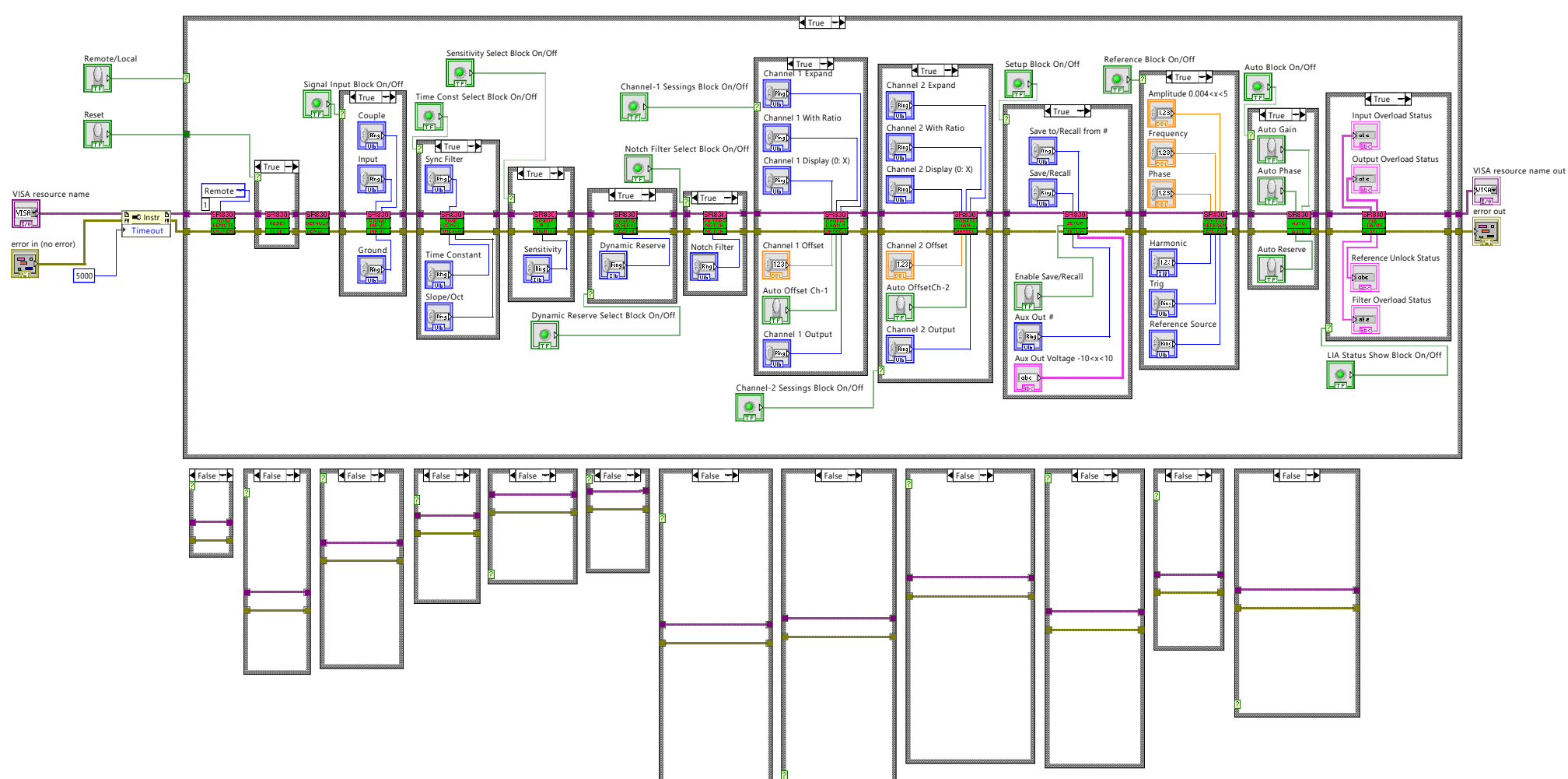
Input Overload Status

Output Overload Status

Filter Overload Status

Reference Unlock Status

### Block Diagram



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