

SR530
LOCK-IN AMPLIFIER

STANFORD
RESEARCH
SYSTEMS

SIGNAL FILTERS

BANDPASS
IN OUT
LINE IN OUT
LINE2 IN OUT

SIGNAL INPUTS

A
A-B
I
A 100MΩ 25pF
B 100MΩ 25pF
I VIRTUAL GND

STATUS

ACT REM OVLD UNLK ERR

LOCAL SENSITIVITY

500 mV
200 μV
100 nV
50
20
10
5
2
1

DYN RES

HIGH
NORM
LOW

REL

OFFSET

ON OFF

CHANNEL 1



mV
μV
nV

÷ 0.3

X
RDS Ω

OUTPUT
<1Ω

EXPAND
X10
X1

CHANNEL 2



mV
μV
nV
DEG

÷ 0.0

EXPAND
X10
X1

OUTPUT
<1Ω

Y
RDS Ω

REFERENCE

- .000

DEG

PHASE

FINE

90°

SELECT

MODE

1 2f

TRIG

1 2f

INPUT

1MΩ

TIME CONSTANT

PRE 100 30 10 3 1 300 100 30 10 3 1
POST 1 0.1 NONE
S
ENBW 1 10 Hz
mS

POWER

ON