

Analog Preamplifier



Version 1.1
January 10, 2012

Manual for PSRF-133A: Analog Preamplifier

Specifications

Input Signal Range: 1pA to 1uA per 1V output

Input Range Selector: Remote via 3 bit logic

Output range: +/- 10V

Power Requirements: +/- 15V

Physical Size: 1.18 x 4.27 x 4.13 inches

Output Connector: BNC or DB 9

Power Indicator: Green LED

DB 9 Pinout:

1	-NC-
2	Bit 0 (Range Selector)
3	+ 15 V
4	Bit 1 (Range Selector)
5	Bit 2 (Range Selector)
6	Signal GND
7	Power GND
8	- 15 V
9	Output

Range Selection

Range	10-6	10-7	10-8	10-9	10-10	10-9S	10-10S
Bit 0	0	1	0	1	0	1	0
Bit 1	0	0	1	1	0	0	1
Bit 2	0	0	0	0	1	1	1

TTL = Positive Logic

1 = +5 V

0 = 0 V