

# Profile Results Summary

for

Item: Theta Instrument Peripherals

Serial Number: None

Model Number: None

Calibration Equipment used:

Tektronix 7603 oscilloscope

Tektronix DC 503 Counter

Tektronix FG 502 Function Generator

Time activation to time off = 120 milliseconds (4.61 activations / sec.)

No ratio or duration adjustment is available.

Unity Gain Output is stable and tracks with the driving generators output.

Unit output power can only be adjusted by the driving generator.

Output, as related to input, is extremely non-linear in High Gain mode.

Relay noticeably loud.

-----  
Sample "Hi Gain" test results:

| Frequency | Amplitude in | Amplitude output |
|-----------|--------------|------------------|
| 1100 HZ   | 10V PP       | 6.8V PP          |
| 9900 HZ   | 10V PP       | 12.0V PP         |
| 99KHZ     | 10V PP       | 6.0V PP          |

Jim Holman 02-26-2013