

≡≡≡ **SCAN** ≡≡≡
SYSTEM 1000
PEN RANGE TESTER

PRT-45

GENERAL DESCRIPTION

The PRT-45 is an auto reset receiver mounted in an enclosure. The PRT-45 is activated by an ultrasonic signal generated by a SCAN transmitter. The PRT-45 includes an amber lamp indicating an alarm condition.

The PRT-45 allows a person to test their P-105 or LC-210 transmitter. By testing at frequent intervals, the user is assured of having a properly operating transmitter. The pen range tester should be located in an area convenient to the staff but away from any area where the SCAN alarm system might be accidentally activated.

OPERATION

When the alarm signal is received from a SCAN transmitter, the PRT-45 will simulate alarm condition. The amber lamp will be illuminated momentarily and the unit will reset itself.

There should be a clear line-of-sight path of not less than 50 feet. This permits testing at a range five feet greater than the receiver specification of 45 feet. With the P-105 pen transmitter pointed directly at the PRT-45, activation of the pen will turn on the light on the tester.

COVERAGE

The PRT-45 is factory calibrated for a distance of 50 feet on axis. At 70 degrees off-axis, the range decreases to 20 feet.

MECHANICAL

The PRT-45 consists of a SR-810 receiver in a Wiremold No. 5748-2 two-gang receptacle box.

ELECTRICAL

The PRT-45 comes supplied with 12 VDC 500 MA plug-in transformer. Power requirements:
12 VDC Standard
15 MA Nominal Stand-by
100 MA Nominal Alarm

ADJUSTMENTS

MAINTENANCE

Normally, no maintenance is required. In the event of failure, please consult the factory. In most cases, the unit can be repaired or replaced within 48 hours.

SENTRY PRODUCTS, INC.

2225 MARTIN AVE. #J SANTA CLARA, CA 95050 (408) 727-1866 FAX (408) 727-2129