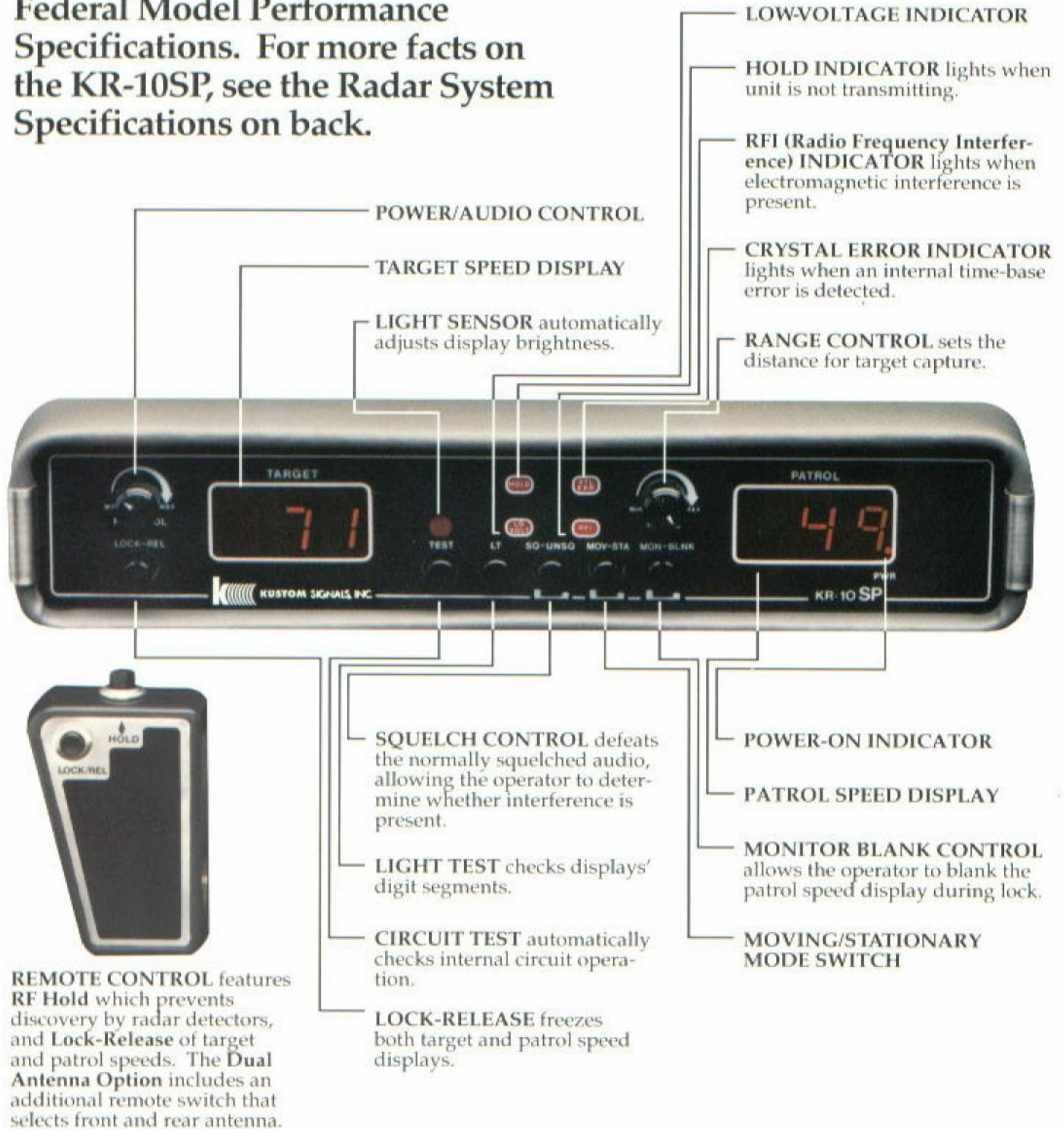


Counting Unit Functions

All features on the KR-10SP meet Federal Model Performance Specifications. For more facts on the KR-10SP, see the Radar System Specifications on back.



Lock Time: Manual - Instantaneous

Accuracy: +/- 1 mph absolute

Antenna Type: Circular polarized conical horn completely enclosed by all metal exterior housing

Microwave source: Solid state Gunn effect diode Maximum power .040 watt max, .013 watt min

Received microwave beam: Antenna - utilizes transmitting antenna. Isolation accomplished by a turnstile phase shifter

Transmitter: Complies with FCC part 90, 10.525 Ghz X, or 24.150Ghz K

Radiated power: Less than .001 watt/square cm

Beam Width Variance: 1 degree

Beam width: 8 degrees from main axis to half power point in any axis

Range: 2500' typical for average size vehicle. Range varies by size of vehicle, terrain, traffic conditions, weather conditions, and other external conditions present in various locations.