



STRONG AROUND THE WORLD

SIMPLEX PROJECTION SYSTEMS

F E A T U R E S

- Unit construction of upper feed and lower holdback sprocket assemblies, vertical drive, framing shaft assemblies, and intermittent movement all mount to sturdy main frame
- Intermittent movement, with hardened and ground starwheel and camshaft, is easily removable from the gear compartment
- Integral oil pump insures continuous lubrication of the gear compartment
- Shutter is two-bladed, conical type located not more than 1-1/8 inch (28.5mm) from the picture aperture; Light efficiency exceeds 52%
- Upper feed and lower holdback sprockets are 24-tooth, reducing operating speeds and contributing to long life. VKF® (Very Kind to Film) sprockets used exclusively
- Optional water-cooled trap available for high-wattage operation

Simplex®



*The Standard by which
All Other Motion Picture
Projectors are Measured*

Simplex projectors have become the standard for quality throughout the motion picture industry. The Simplex is a precision-built, American-made projector that provides a supreme performance.

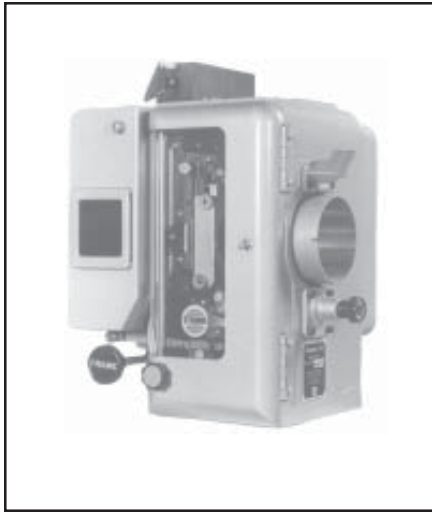
Combining sturdy construction with simple maintenance requirements, The Simplex System is engineered for the theatre owner's highest expectations and offers a continuously high level of performance throughout its long operating life.

Theatre owners around the world demand the quality of a Simplex projector. When theatre reputations are at stake, exhibitors will choose the projector they can rely on – Simplex.



a division of Ballantyne of Omaha, Inc.

Simplex[®] PROJECTION SYSTEMS



Simplex PR1014

Enclosed frame construction with hinged film compartment door and removable gear compartment cover.

Precision manufactured and assembled.

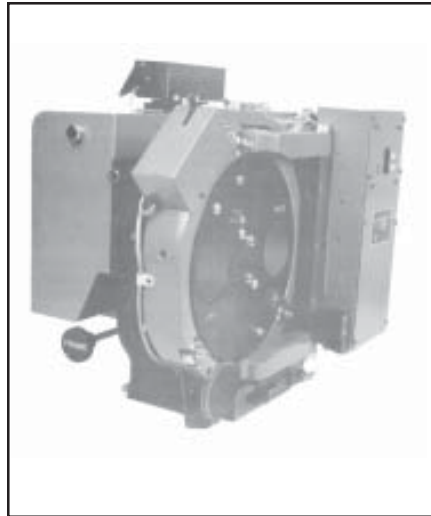
Curved film gate and trap insures steady screen image and flat focus.

Roomy film compartment permits ease of cleaning and maintenance.

Studio (PR1020) and Reversing (PR1030) versions are available.

Optional fire shutter and governor assembly available.

Net weight 64 pounds (30 kg).



Simplex Millennium PR2000

A wider-opening, positive action film gate.

Separate intermittent sprocket shoe is adjustable independent of gate tension.

Convenient, single location for wiring termination.

Long-life L.E.D. framing illuminator.

Continuously lubricated gear train.

Available in two- and three-lens autoturret and aperture changer configurations. Lens barrels feature individual X, Y, and Z adjustments; ultra-smooth and positive lens movement.

Net weight 70 pounds (31.75 kg).



5 Star 35mm Soundhead

Pre-focused, reverse-scanning optics with solar cell pick-up.

Visible-red L.E.D. light source averages 10,000 hours of uniform illumination and includes solid-state power supply.

Tube-enclosed solar cells insure improved channel separation.

Available configurations include Analog, Digital Adaptable (allowing simple upgrade to SR•D operation), or Digital (SR•D ready).

Damping mechanism below impedance drum minimizes flutter and "wow."

Large film compartment provides ease of threading and cleaning.

Standard ¼ hp, 1800 rpm synchronous drive motor operates on 115 V.AC single phase; three phase and international versions are available.

Net weight 70 pounds (31.75 kg) including motor.

Simplex PR2000M (Manual Lens Turret)

Eliminates refocusing between film formats.

Rugged assembly and registration stops to insure accurate picture location on screen. Fast, positive aperture changes.

Turret accepts standard 2.78 inch (72mm) barrel diameter lens; no magnacom required.

Each lens can be adjusted separately in two planes to permit exact picture location on screen.

Net weight 69 pounds (31 kg).