

CODE NO.	ITEM
C41-5507-211	Canon PS-1000 Sound Projector with Lens PS 17-28mm f/1.3 set (Includes Halogen Lamp with Cold Mirror 30V 80W ELB, Auto Reel P, AC Cord 2C, Dynamic Microphone DM 20, Earphone E)

Canon

PS-1000

CANOSOUND

Sound and Image Supreme.



Specifications

Acceptable Films: Super 8 or Single 8 films with magnetic stripes and silent films (4 x 5.4mm)

Projection Lens: Canon Zoom Lens PS 17-28mm f/1.3 with Spectra Coating.

Lens Construction: 9 elements in 6 groups.

Focusing: Helical movement of the lens by turning the knob on the exterior side panel of the projector

Lens Mount: Special Canon mount.

Projection Lamp: 30V 80W ELB tungsten-halogen type having an integral saucer-shaped reflector with cold mirror coating.

Cooling: Forced cooling in the lamp house by suction with a sirocco fan.

Pilot Lamp: Lights up at the "LOAD" and "FF-REW" rotary switch positions.

Motor: High performance induction motor

Projection Speed: Two-position switch lever for 18 and 24 fps. Two lamps on the front panel to indicate the speed selected.

Film Loading: Automatic loading.

Still Projection: Position for still projection on the rotary switch.

Fast Forward Winding: With this facility the film proceeds at a speed of about 100 sec. for 400ft film. Fast forward winding takes place by pressing down the fast forward set lever and then changing the position of the rotary switch.

Rewinding: Position for rewinding on the rotary switch. About 100 sec. for 400ft reel.

In-path Rewinding: By changing the position of the rotary switch before the film leaves the supply reel, in-path rewinding is possible. About 100 sec. for 400ft reel.

Reel Capacity: Auto Reel P holds 400ft (120m) film.

Recording and Playback: Playback of magnetic recording. Putting additional sound by overlapping on the stripe possible.

Magnetic Sound Head: Super-hard, permalloy head.

Amplifier for the Playback: Two IC's and one transistor

Output of the Amplifier: 2.5W into 8-ohm load.

Output Connection for the Extension Speaker: 2.5W (8-ohm), 3.5φ mini-jack.

Monitor Output: Earphone impedance 8-ohm, 3.5φ mini-jack.

Microphone Input: Input impedance 500-ohm, 3.5φ mini-jack. Standard input sensitivity -65dB (0dB=0.775V)

Auxiliary Input: Input impedance 50K-ohm or over Standard input sensitivity -25dB. 3.5φ mini-jack.

Built-in Speaker: 10cm φ round speaker

Control Dials: Three separate dials. Playback volume control dial. Playback tone control dial. Sound on sound volume control dial.

Recording System: Automatic recording level control with ALC circuit.

Power Frequency: 60 Hz. (Re-setting to 50 Hz to be consulted at Canon service facility.)

Voltage: 120V

Electric Cord: 2m long, removable type, AC Cord 2C.

Rotary Switch: Positions for automatic loading, projection, still projection, and fast forward/rewinding.

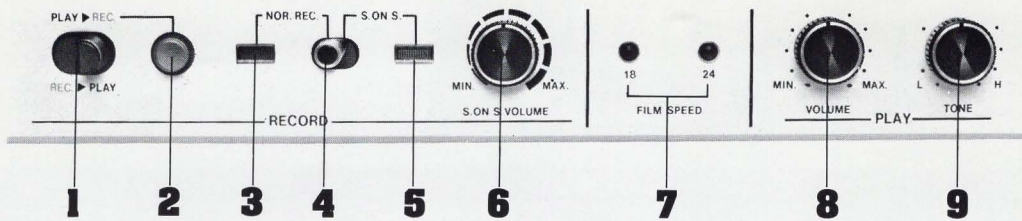
Main Body: Framing and tilting adjustments. Built-in film cutter

Power Consumption: 1.3A

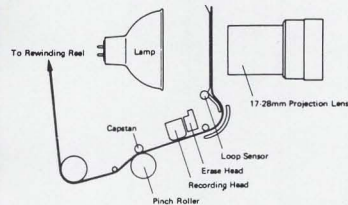
Dimensions and Weight: 300 (H) x 292 (L) x 180mm (W). 6.1 Kg.

Subject to change without notice.

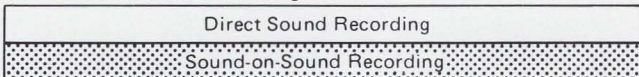
SELLING POINTS



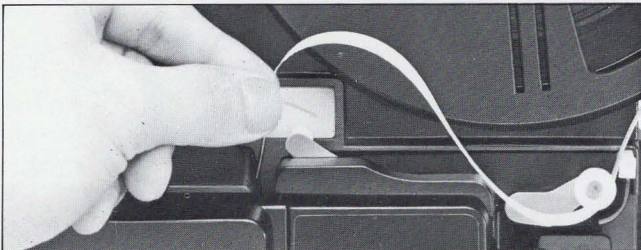
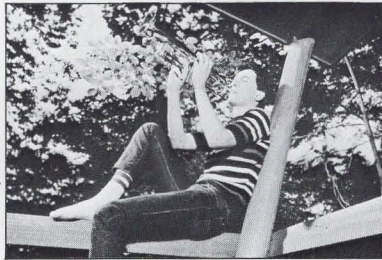
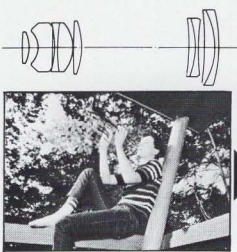
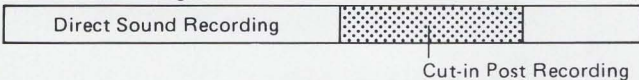
- 1 Recording Button Lock Lever
- 2 Recording Button
- 3 Recording Indication Lamp
- 4 Recording Selector Lever
- 5 Sound on Sound Indication Lamp
- 6 Sound on Sound Volume Control Dial
- 7 Filming Speed Indication Lamp
- 8 Volume Control Dial for Playback
- 9 Tone Control Dial for Playback



Sound-on-Sound Recording



Cut-in Recording



Capstan Drive System for High-Fidelity Sound Playback

The Canon PS-1000 incorporates a precision capstan drive, the very same drive mechanism employed in high-quality tape recorders. Far better than the intermittent advance of the conventional sprocket drive system, a capstan drive system insures high-fidelity reproduction. In this way the PS-1000 reproduces the sound just as it was recorded with the Canon 514XL-S. And the PS-1000 incorporates Canon's ALC (automatic level control) for recording. The ALC results in suitable recording of all sounds and therefore easy pleasant listening.

Sound-on-Sound Recording/Cut-in Recording

The PS-1000 features two methods of post recording, sound-on-sound recording and normal (cut-in) recording. For sound-on-sound recording, the proportion of original recording to superimposed recording can be varied depending upon the sound-on-sound volume setting, sound fade-in and fade-out are also possible. The use of a direct source connected via the auxiliary input and monitoring with the earphone are also possible.

Fast f/1.3 17-28mm Zoom Lens

A fast f/1.3 lens projects an amazingly bright, sharp image. The zoom of 17 to 28mm is very sensible as the picture size can be varied from fixed distance without having to move the projector itself backward or forward. The wider angle is convenient whether or not a full-sized screen had been set up. And Canon's exclusive Spectra Coating assures true, natural color. The PS-1000 also employs a long-life halogen lamp and a cold mirror reflector that assure optimum brightness and great reliability.

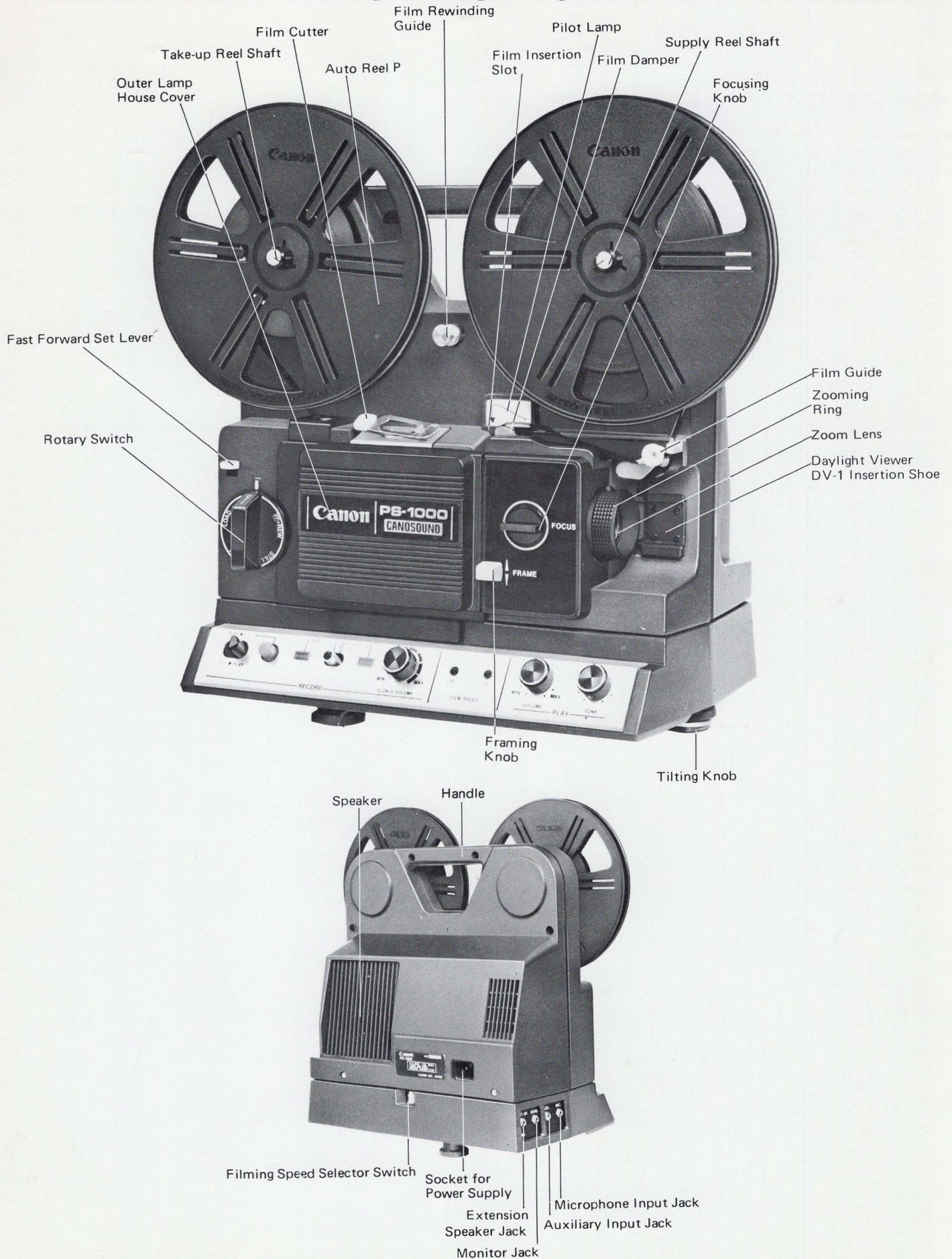
Remarkably Compact and Lightweight

The new Canon PS-1000 is extremely compact and lightweight. No larger than most silent 8mm movie projectors, it has reel capacity of 400ft and fixed reel design. The PS-1000 projector has particularly neat, clean lines and workmanlike appearance. All controls are conveniently arranged on the exterior side panel partitioned into the playback section to the right and wider recording section (both normal and sound-on-sound) to the left with filming speed indication lamps between the two sections. The rotary switch to the left of the lamp house turns with an assuring click from one position to another.

Optional Daylight Viewer

The special Daylight Viewer DV-1 is available for use with the PS-1000. This is a miniature translucent projection screen that readily attaches to the mounting provision on the front of the projector. The Daylight Viewer DV-1 enables projection even in a brightly sunlit room. There are other optional accessories, too, such as a connecting cord and the DM 30R dynamic microphone with a 4 meter long cord.

NOMENCLATURE



ACCESSORIES

CODE NO.	DESCRIPTION
X62-7644	Halogen Lamp with Cold Mirror 30V 80W ELB
CG4-0006	Auto Reel P
X61-9061	AC Cord 2C
C53-9252-000	Dynamic Microphone DM 20
C53-9261-000	Earphone E
C53-9311-001	Daylight Viewer DV-1