



Optical 360

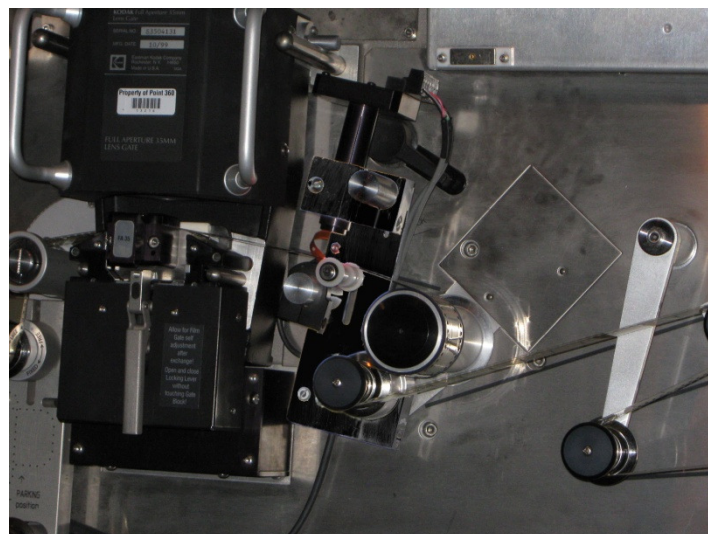
Optical Sound Reader for Spirit Datacines

The majority of Spirit Datacines were sold without the ability to reproduce audio from the optical audio track on a motion picture film. This leaves the machine as a picture only transfer device. Optical sound tracks must be read on a separate device, requiring two passes, resulting in a waste of time, extra equipment, and increasing the risk of damage to the film.

The Point 360 Optical Sound Reader “Optical 360” is designed to be mounted onto a Spirit Datacine with no modifications required to the Spirit. It will play back the optical sound track from most types of motion picture films (including cyan tracks) at the same time as the picture, saving time, money, and reducing wear on the film.

The Optical 360 consists of a base unit, a red LED light source, an optical pickup, and an audio preamp that converts the output of the optical pickup into an analog audio signal ready to be sent to the user’s audio mixing equipment. 35mm and 16mm pickups are available and use a common base, so converting between film formats is quick and easy. The only additional equipment Spirit users need to supply are an audio mixer with one stereo analog input, and an audio delay unit capable of a 20 frame delay.

Installation is simple and audio alignment films are included so alignment can be easily performed by any competent technician.



Optical 360 reader installed