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About These Readers RSTR 2000KA & KA-2

RSTR2000KA

This version reader is a totally field retrofittable reader and is comprised of the lens/solar cell and line amplifier/power supply assemblies from our FP20 series reader. To this we add a heat sink assembly and an interface fixture in place of the existing light bar. The electronics and power supply reside in the space now occupied by the exciter bulb, as is the case with the FP20/DP75. The lens/solar cell assembly directly replaces the existing lens.

KA Notes.

The only caveat to this approach is that the dimensions of the non-machined portion of the exciter cavity vary in thickness from projector to projector. The electronics board sometimes slides in perfectly; in other instances a bit of work with a Dremel grinder or file is required to clear away a minute amount of excess metal from the right side of the casting. This is not an issue with the FP20 and DP75 soundheads as these are modern die-castings that are all substantially identical.

RSTR2000KA-2

This version reader shares the same heat sink assembly, but uses a conventional reader assembly from The Cinemeccanica, Bauer, Prevost and Christie reader kit. This approach requires the removal of the reverse scan drum housing. An interface plate/lens holder is bolted down to the modified casting using an alignment fixture (provided) to ensure absolute optical center.

The benefits of this version are plug-removable electronics for easier service and a reader that is easier to adjust for focus and azimuth.

Fitting this reader to the soundhead requires a shop with a substantial milling machine. Some of our customers have such capability and do the mill work in-house. Alternatively, BACP can do the job in our facility and ship a complete aligned soundhead on an exchange basis. Since we do not know whether a customer intends to do the machine work locally or have BACP do the fitting, I have not quoted pricing; essentially the KA-2 costs \$250.00 more than the KA if BACP does the mill work and \$100.00 if the fitting work is to be done by the customer.

Conclusion

Whichever version of this reader you choose, the audio performance improvements are substantial and identical and extend the effective life of this venerable but widely revered projector. It is an honor to design and manufacture after-market equipment for this, the Rolls Royce of Projectors.