# DUKANE PRO-100 SLIDE PROJECTOR

## A modular system that can be personalized with sophisticated options

### By Jack and Sue Drafahl

D ukane, the leading manufacturer of 35mm sound filmstrip projectors, announces the Pro-100—first in its line of slide projectors. The Pro-100 is designed for the professional communicator, utilizing the latest technology to bring you features like random access control, high-speed picture change, built-in fader/dissolve capability, autofocus, variable-rate time and push-button return to zero.
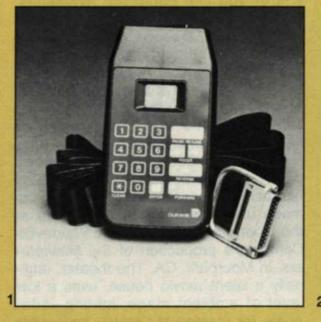
To compete in a market that is dominated by Kodak's Ektagraphic and Carousel projectors may be considered daring. Even so, the Dukane Corporation has come up with a slide projector that is sure to give the big yellow box company something to think about.

At first glance the Pro-100 is similar in appearance to the Kodak projector, except in color. But picking it up tells another story, as the Pro-100 is obviously heavier. Looking at some of its features quickly explains the added weight.

### FEATURES AND OPTIONS

Since fast slide changes tend to hold your audiences' attention and contribute to a more professional presentation, Dukane projectors use the most advanced technology to achieve a 25% faster slide change. But if you desire a delay between images, the Pro-100 offers an optional time controller that allows variable control of the time between slide changes from 3 to 20 seconds.

Dukane provides the slide presenter with one more innovative option not normally found on single slide projectors: a built-in fader/dissolve unit. For people using single slide projectors who hate the flashing of images from one slide to

1. **Random Access Remote Control, model 110-3980, $130. Pro-100, zoom lens, and the Random Access Remote Control are available as a package for $740.**
2. **The Automatic Lamp Change Module, model 110-3225, $200.**
3. **Model 110-3087 Timer Module (left) is $32; Tray Zero Module, model 110-3250, (right) is $42.**
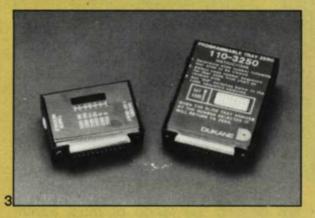4. **To interface with most multi-image equipment, including Arion and AVL, you'll need the model 110-3200 Multi-Image Interface, $32.**
5. **For two-projector dissolves without multi-image equipment, the model 110-3130 Lap Dissolve Control is $82.**

the next, this feature just might be the answer. The projected image fades to black momentarily, while the projector changes to the next slide. The next slide then fades in at a pleasing rate.

At first this feature did not seem to be much of an advantage, because we always felt that you needed a quick slide change to keep the audience's attention. But when we started using the fade while presenting class lectures, we found that it had a pleasing effect on viewers. The temporary fade to black between images acted as a way of clearing the students' minds for the next visual. Lectures flowed more smoothly and appeared more professional.

The three focus controls are located behind the dissolve switch. One switch activates the fast-acting autofocus system, which provides sharp, detailed pictures throughout your program. The other two controls allow manual focus. We found the manual controls smooth and accurate, but on the small side—definite-

ly not a projector for lumberjacks.

The wireless Random Access Unit provides access to any slide in the tray in less than four seconds. Its numerical push-button keypad has digital LCD readout, automatic return to zero, focus, and forward and reverse functions. We found this option an extremely valuable tool for lecturing.

On the back control panel you'll find three projector tray controls. There are the standard forward and reverse controls, but the third control is unique. At any time or place in a slide presentation, depressing this zero button will whirl the tray back to the zero position. This facilitates restarting the program or easy tray removal. Dukane also offers an optional Programmable Tray Zero Module which automatically resets the slide tray to zero after the final slide in a program is projected. This is ideal for trade shows which require repetition of a partially filled tray of slides.

The power controls consist of a high, fan, and low, a standard found on almost all projectors. There are also two LED lights—the red light indicates when the projector is in the middle of a slide cycle
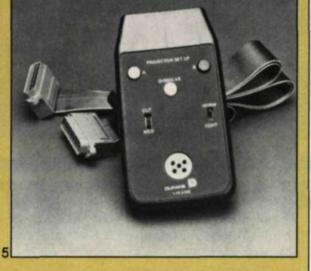
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process, and the green light indicates the status of the projector bulb, even if it is in the fan position. This is extremely useful when the projector is used in multiprojector AV productions when the user may not know if the bulb is blown or the projector is cycled to a dark position.

Presently most professional projectors allow the extraction of a blown projector bulb from the projector while a show is in process. The lamp module is removed and a new bulb or lamp module is replaced, hopefully saving the show. But even so, this exchange takes approximately 15 seconds.

The Dukane Pro-100 projector has taken this feature one step further. It also has a bulb module, but with one major difference: both bulbs are in the same module. To change bulbs requires simply pulling a lever down, pulling the module out two inches to the quick stop, and pushing the lever up, for a total time of about five seconds. This is quite an improvement because in a multiprojector show half a dozen slides could have cycled before the new bulb was changed. Time is of the essence, so, if you want total insurance against bulb failure, Du-

kane offers an Automatic Lamp Change Module, which instantly switches to a stand-by lamp when the primary lamp burns out.

## COMPATIBILITY

A very important consideration when purchasing a projector is its compatibility with other projectors. The Pro-100 not only matches the standard electrical configuration, but has added additional connectors for its own characteristic modules. The standard seven-pin receptacle utilizes a special inferface module for Arion and AVL multiprojector users.

A 25-pin receptacle is used to attach the Random Access Control, computer equipment, or the Lap Dissolve Control. The Lap Dissolve Control connects two Dukane projectors together to form a professional dissolve show, without the complex auxiliary equipment normally needed.

It's obvious that a great deal of thought and engineering went into the design of Dukane's new Pro-100 slide projector and all its accessories. Through personalized modules, Dukane has made a projector that can grow as the industry grows and changes. ▣