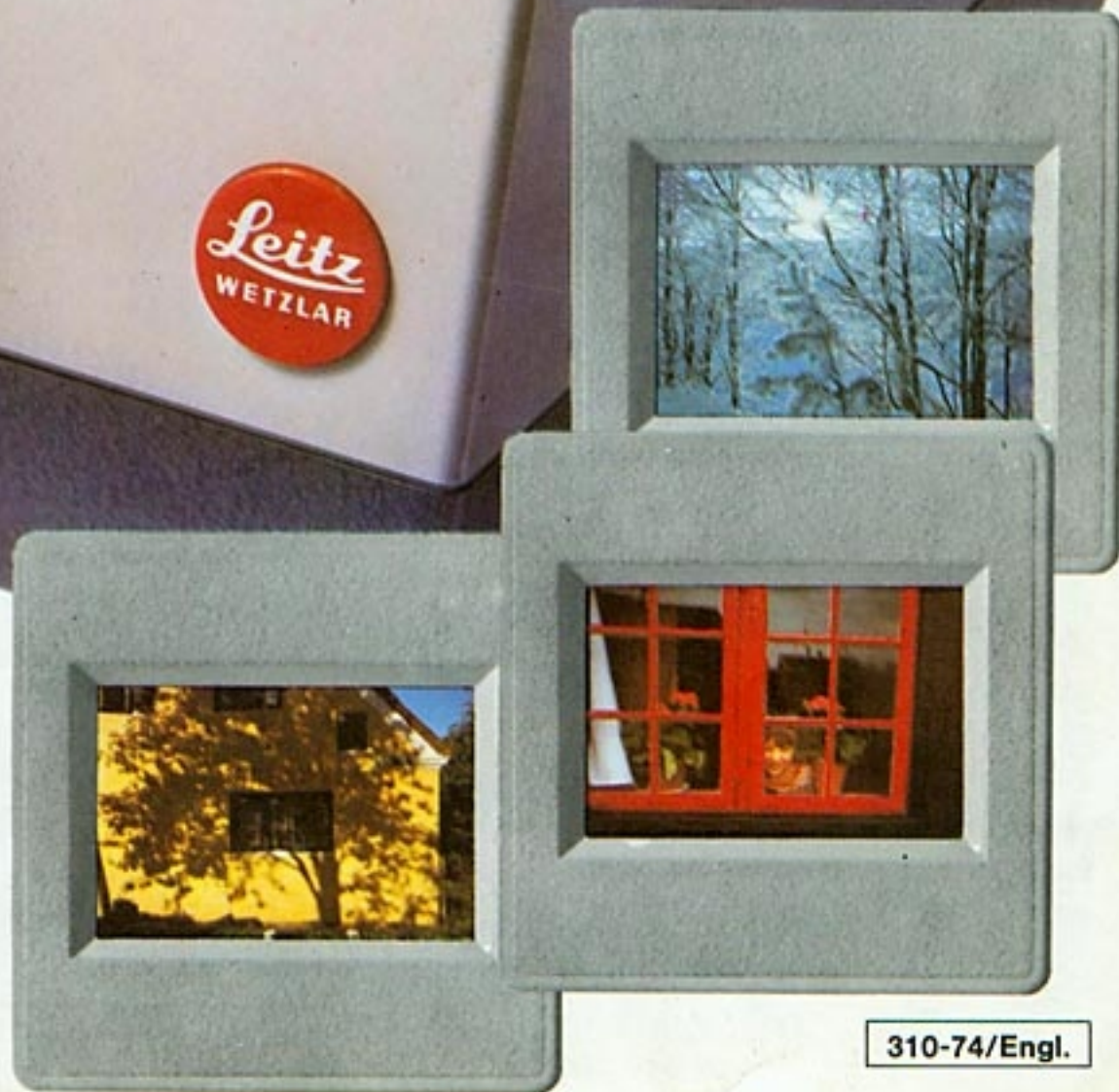
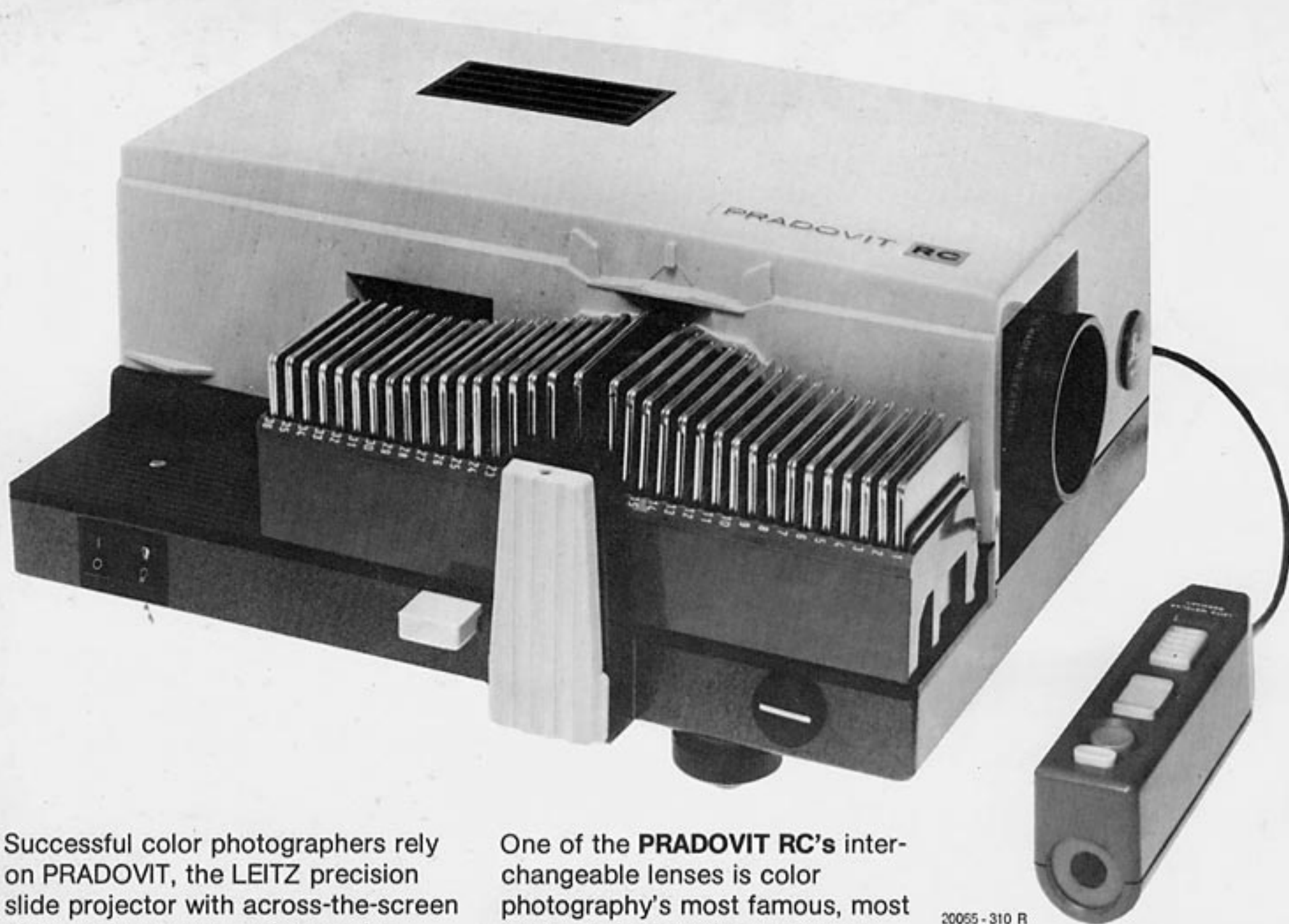


# PRADOVIT<sup>®</sup> RC



You've done your  
picture-making best ...  
now let a **PRADOVIT**  
crown your efforts  
with optical excellence





Successful color photographers rely on PRADOVIT, the LEITZ precision slide projector with across-the-screen picture sharpness, and operating automation that makes for confidently effective slide showmanship. Now, famous PRADOVIT perfection can more easily become part of your personal system of color photography – the all-new **PRADOVIT RC** offers an economical path to the pleasures quality color projection. Within its compact, low-profile housing, this remarkable new projector includes every technical attribute of PRADOVIT optical excellence.

One of the **PRADOVIT RC's** interchangeable lenses is color photography's most famous, most respected projection optic, the LEITZ COLORPLAN. More complex, more costly, this highly corrected system is built like a modern high-quality camera lens. And that's exactly the idea – to bring modern fine-camera optical quality into slide projection.

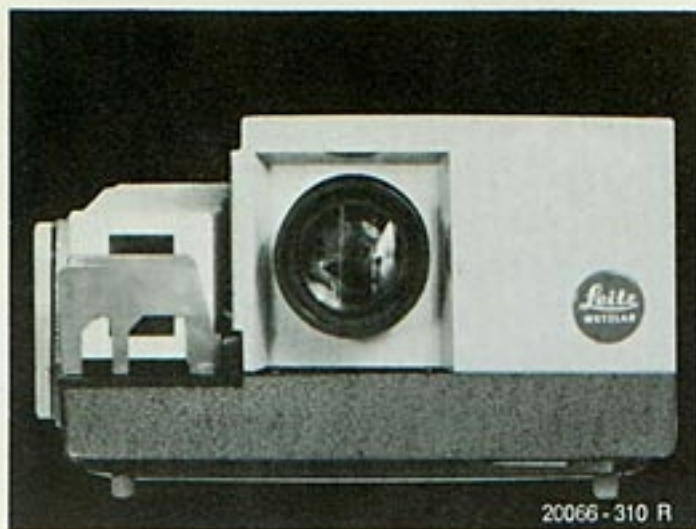
Edge-to-edge screen sharpness. Brilliant, evenly illuminated images. Remote lens focusing and eye-blink slide change, backward too. The hand unit an efficient optical pointer. Quality throughout. **PRADOVIT RC.** A new idea, from LEITZ.

20055-310 R

**PRADOVIT**  
**the reward**

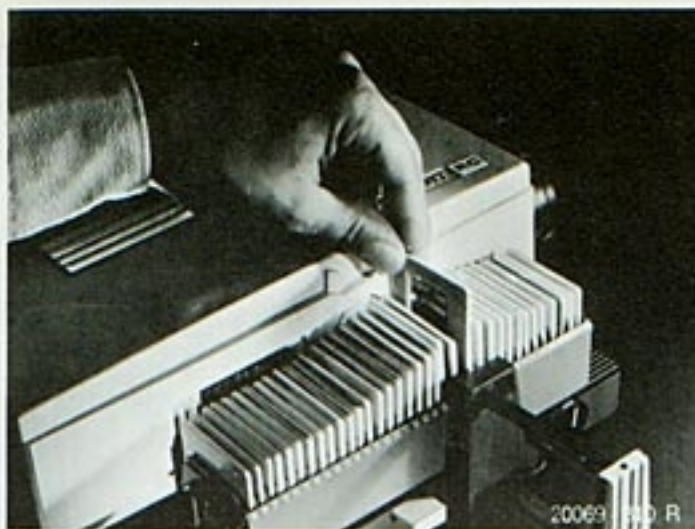
*Your color slides deserve*

**Color photography**



## Bright, evenly illuminated screen images

To fully exploit its optics, **PRADOVIT RC** uses a 24-volt, 150-watt high-brightness halogen lamp whose small filament enhances sharpness, and makes for more natural color rendition. A concave mirror and an aspherical condenser work with interchangeable field-condensers to maximize its effectiveness. Because of this system's brightness, **PRADOVIT RC** incorporates a lamp-saving circuit which reduces light output by about 20 percent, thereby doubling the lamp life. **Experts know that only accurately centered small-filament lamps can provide full projector performance.** **PRADOVIT RC** makes this critical adjustment easier than ever, with an easily accessible **external** lamp-centering rod, and better too, because the centering movement is now horizontal, vertical, and axial. Lamp adjustment is easily and accurately accomplished with the famous LEITZ aperture card (supplied with all PRADOVIT models), and it's fun to do.



## Remote focusing, forward and reverse slide-change, with an optical light-pointer

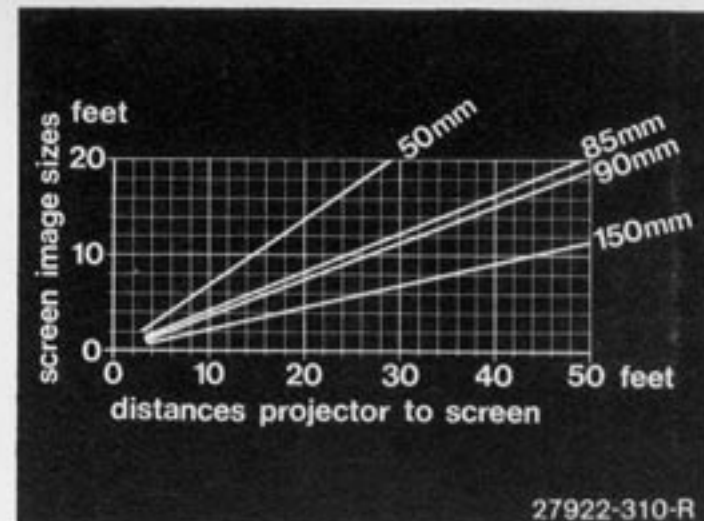
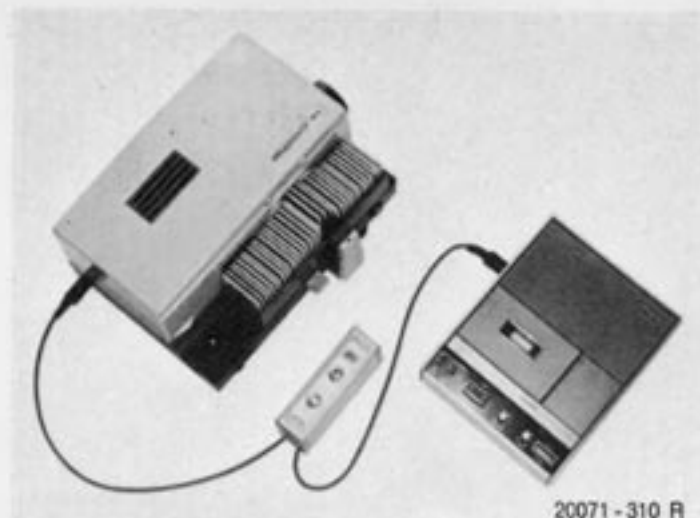
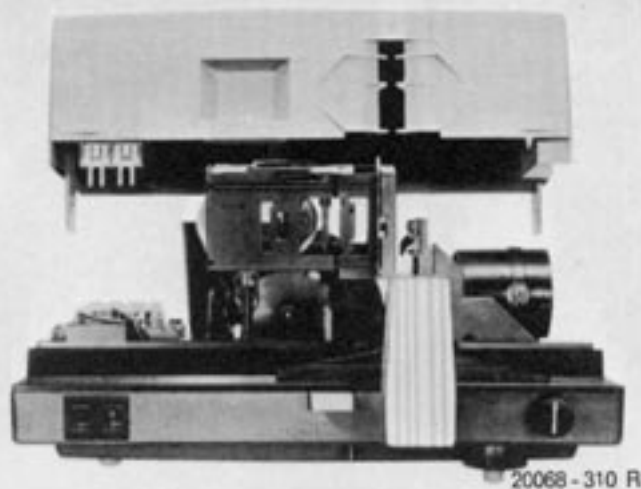
A cord-connected switching unit puts you in comfortable command of the **PRADOVIT RC**. Slide-change is very fast, and by slightly prolonging your button pressure the mechanism works backward to repeat previously projected slides. The focusing rockerswitch lets you give short correction impulses, in both directions. "RC-new" is the marvelously useful light-pointer built into this control unit. The focused white arrow it projects invites discussions of who's who, and what's what. The fully open magazine channel makes loading easier than ever, and it's so accessible that slide selecting and editing can be done right in the magazine. Also new is the slide-lifter; push it and the gate-position slide rises to meet your fingers. Incidentally, LEITZ 36- and 50-slide magazines are also supplied in stackable two-magazine cases that clip together, top-to-bottom or side-to-side.



## LEITZ interchangeable special-purpose projection lenses

In addition to its optional standard lenses, 90mm COLORPLAN f/2.5 and 85mm ELMARON f/2.8, two special-purpose LEITZ projection lenses add greatly to the usefulness and versatility of the **PRADOVIT RC**. When space isn't available for a normal projection distance, the short 50mm ELMARON f/2.8 comes to the rescue in style. Five feet from the screen it produces the same image size as the 90mm from nine feet, and at normally used distances it creates huge, wall-sized blow-ups. Similarly, when an extralong projection distance is forced, as at club meetings and other events in large rooms, **PRADOVIT RC** can be tailored to the task with the 150mm ELMARON f/2.8. Interchangeable optical field-condenser inserts for these short- and long-focus projection lenses assure full screen brightness, and even illumination of the whole image.

isn't complete without technically perfect projection, th



## Multiple safety for you, and your irreplaceable color transparencies

A powerful blower expels hot air so effectively that the **PRADOVIT RC** slide-gate can be relied upon not to exceed a temperature of 70 C/158 F, even in a prolonged projection session. The danger of electrical heat developing during mechanical blockage has been eliminated by a thermal safety switch that will cut all current off when the permissible maximum is exceeded, and keep it off until normal temperatures are reached. **Even if you forget to disconnect the power cable before lamp changing, your PRADOVIT RC won't: as soon as the protective housing cover is lifted off, another safety switch automatically interrupts current input.** This handsome cover is made of tough Makrolon®, a highly heat-resistant plastic that adds to your safety because it is one of the best electrical insulators.

## Technical Profile: PRADOVIT RC

Automatic, remote-control magazine slide projector for 24 x 36 mm (or smaller) picture formats in standard 2 x 2" (5 x 5 cm) slidemounts.

### LEITZ interchangeable projection lenses:

2.5/90mm COLORPLAN

2.8/85mm ELMARON

For normal projection distances; use illumination field condenser lens supplied.

2.8/50mm ELMARON

3.2/150mm ELMARON

Special-purpose lens for wide-screen and longthrow projection. Individual interchangeable field condenser lens for 50mm ELMARON.

### Illumination system:

24-volt, 150-watt tungsten halogen small-filament lamp. Two-way switch for full output or 'lamp-saving' position giving double lamp life with 20-percent brightness reduction.

Optical illumination elements are concave mirror, aspherical lamp condenser lens, interchangeable field condenser lenses.

**External lamp adjustment rod** provides lamp centering motion in three planes - horizontal, vertical, and axial - to ensure maximum light output and even slide illumination. Centering adjustment carried out with LEITZ aperture card supplied with each PRADOVIT projector.

### Remote projection control:

Hand control unit with 10-foot cable has slide-change button, lens focusing control, and integral lightpointer with focusing slide for projected arrow.

**Rapid slide change** with 1.1 sec interval.

Short button pressure 0.1 to 0.5 sec moves

slide magazine forward, longer pressure 0.7 to 1.0 sec gives reverse movement for returning previously projected slides.

**Sound coupling** for tape-slide presentations is effected by standard projector/tape recorder coupling synchronizers, which fit the 6-pin remote-control outlet.

### Cooling system:

Powerful radial blower expels hot air, guaranteeing temperatures under 70 C/158 F even after prolonged projection period.

### Line (mains) voltages:

1. Standard model: 220-240 volts AC, 50 Hz.

2. Universal model: 110/120/130/220/230/240 volts AC, 50/60 Hz, set by coin-slotted selector switch.

### Four-way electrical safety:

1. Thermal cut-off automatically stops current flow when unsafe operating temperatures occur, keeps current off until safe temperature restored.

2. Pressure-switch cuts all current off when housing cover is raised for removal.

3. Safety fuse protects against shortcircuits.

4. Housing cover material is rigid, tough Makrolon® plastic, providing ideal electrical (as well as thermal) insulating properties.

### Weight and dimensions:

4.5 kg, 10 lbs. L x W x H = 290 x 240 x 138mm = 11.4 x 9.5 x 5.4"

### Accessories:

Carrying-case of strong gray plastic, for projector, power cord, remote-control cable, and spare lamp. LEITZ slide-magazines for 36- or 50 slides, numbered. Available individually, or in sets of two in stackable magazine containers which lock together, top-to-bottom and/or side-to-side, to form a personal slide storage unit in which each magazine is individually accessible.

See the brilliantly sharp LEITZ PRADOVIT way.



**PRADOVIT RC**

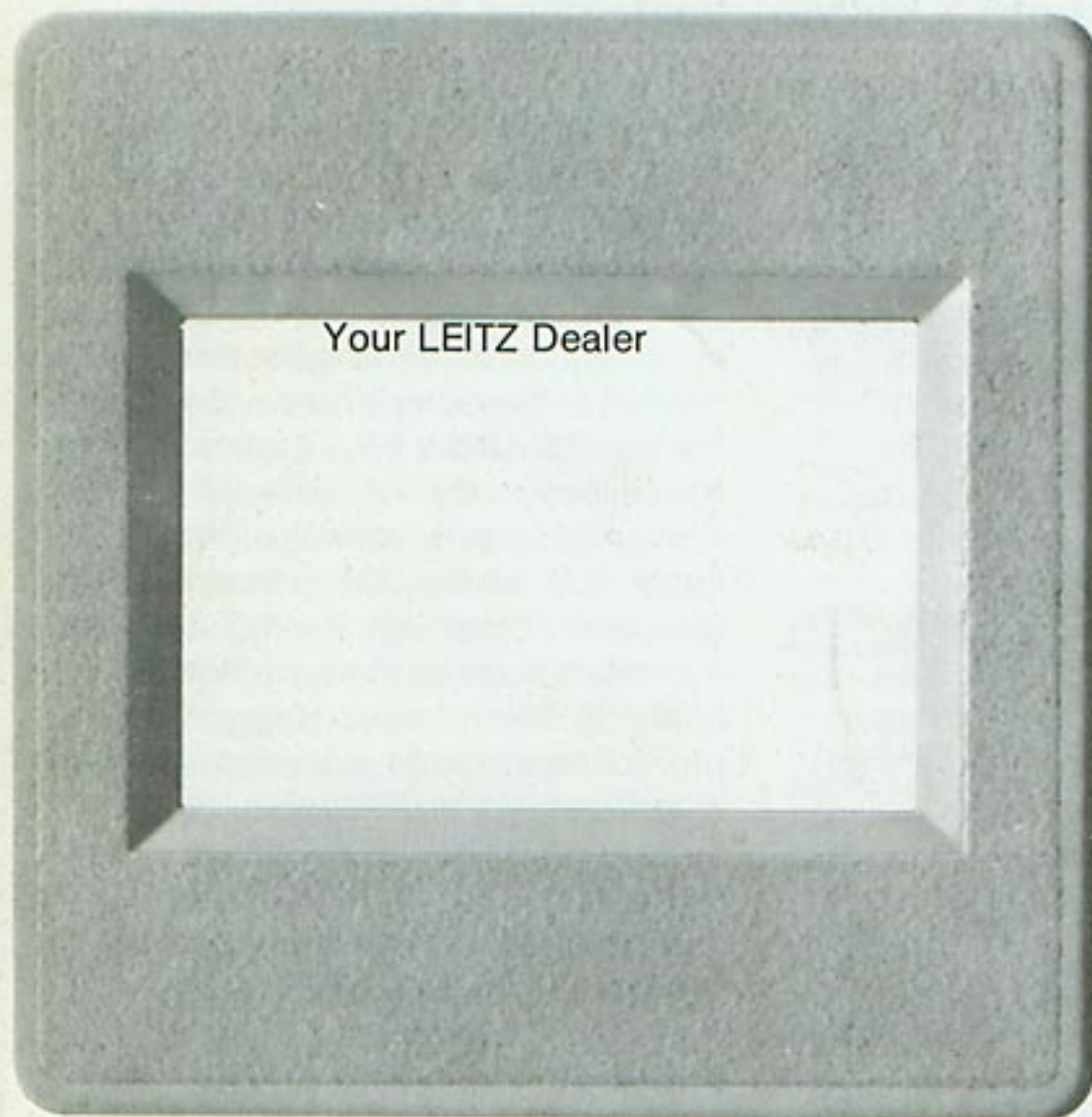
Universal	only for
110...240 V	220...240 V
50-60 Hz	50 Hz

**PRADOVIT® RC** (less lamp)  
with power cable, remote-control  
unit with 10-foot cord, one LEITZ  
magazine, and lens:

ELMARON® 1:2,8/50 mm*)	30 182	30 174
ELMARON 1:2,8/85 mm	30 183	30 175
<b>COLORPLAN® 1:2,5/90 mm</b>	<b>30 184</b>	<b>30 176</b>
ELMARON 1:3,2/150 mm	30 186	30 178

Halogenlamp 24 V/150 W	37 717
Carrying case	37 945
15 ft extension for remote-control cord	37 931
Stackable container with 2 36-slide magazines	37 844
Stackable container with 2 50-slide magazines	37 855
Multiple plug for simultaneous connection of tape recorder and remote-control-focusing	37 908

\*) up to slide compartment Nr. 34



**ERNST LEITZ GMBH D-6330 WETZLAR GERMANY**

Subsidiary: Ernst Leitz (Canada) Ltd., Midland, Ontario

List **310-74/Engl.**

Printed in Germany

IX/72/EY/g.