



The Professional Photo SourceBook

Section 12

Projectors

Hasselblad 6x6	500-501
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HASSELBLAD

PCP80

PROJECTORS

500

The lights dim, an expectant hush falls. The projector springs to life and an image of dazzling quality appears on the screen before a suddenly attentive audience.

When the PCP80 is the projector, you can be assured of a quality presentation that lives up to the Hasselblad name. It is the only projector equipped with the same top-quality Zeiss optics used on Hasselblad cameras. And with projected images this sharp, all the nuances of the original slide will reach the screen — whether the presentation uses one projector or a battery of projectors run by a professional AV producer switching between panorama displays and animated sequences.



FEATURES

- **Perspective control:**
When a projector is pointed up or down towards a screen, the image may appear distorted. The PCP80's lens moves up and down, like that of a view camera, resulting in a square screen image from a square slide even when the camera is projecting at an angle.
- **Lens and condenser:**
Lenses have their own matched condenser lens, which is replaced whenever a lens is replaced; no light-absorbing heat absorption filter is necessary.
- **Automatic lamp replacement:**
When a projector bulb fails, a reserve bulb immediately clicks into place and a warning light on the control panel indicates the replacement, unnoticed by the audience, has been made. This can save the day when a bulb fails during an important presentation.
- **Unparalleled reliability:**
The PCP80 has separate, quiet motors for slide change, fan operation and focusing. The cooling system uses pressurized, filtered air to prevent any dust buildup from affecting performance of the mechanism or optic system. Two fuse circuits protect the electronics from power surges and monitors temperature with automatic heat damage turn-off, respectively.
- **Rotary slide magazine:**
The slide tray holds 80 transparencies and can be detached without re-setting.
- **Control systems:**
3 connector inputs for external control systems are available; a standard 6-pin socket, an 8 and 12-pin socket offer lamp control with or without the built-in TRIAC. Connectors for most other professional control systems are available as accessories.

PCP80 Components

Hasselblad PCP80 Projector Body (70101)

With power cord, front protective cover and projector lamp. (Lens and rotary slide magazine must be purchased separately). Can be switched to 110/130 220/240 V 50-60 Hz.

Item # HAPCP802,725.00

Overnight Shipping Available

PCP80 Components, *continued*

Zeiss P-Planar 3.5/150mm Projector Lens (70205)
Standard lens, supplied with matching condenser lens and front lens cap 75/150 (70526).
Item # HA15035P497.00

Zeiss P-Sonnar 4/250mm Projector Lens (70210)
For long projection distances. Supplied with matching condenser lens and front lens cap 93-100 (51654).
Item # HA2504P1,256.00

Rotary Slide Magazine (70303)
Holds 80 transparencies in 2 1/4 x 2 3/4" (7x7cm) mounts.
Item # HATP84.95

Zeiss P-Planar 3.5/75mm Projector Lens (70214)
For short projection distances, especially back projection. Supplied with matching condenser lens and front lens cap 75/150 (70526).
Item # HA7535P1,065.00

PCP80 Accessories

Remote Cable Control Unit (70507)
For manual slide change and focusing. Cable length: 13 ft. (4m).
Item # HARCP57.95

Projector Rack, Basic Unit (70517)
For twin projector setups. Weight: 21 lbs. (9.5kg).
Item # HARP539.95

Supplementary Unit for Projector Rack (70518)
Add-on unit to permit stacking. 13 lbs. (5.9kg).
Item # HASURP351.95

2 1/4 x 2 3/4" (6x6cm) Registration Slide Mounts (70511)
Slide mounts with special guide pins to simplify perfect image positioning in Rostrum cameras or in Hasselblad standard multi-vision programs. Box of 40 mounts.
Item # HASM66P57.95

2 1/4 x 1 3/8" (6x4.5cm) Registration Slide Mounts (70512)
Mounts as 70511 above, but with rectangular image format. Box of 40.
Item # HASM645P57.95

Alignment Slide (70520)
For precise adjustment of projectors in a multi-projector set-up.
Item # HAASP34.95

PCP80 Projector Case (70535)
Sturdy plywood frame with aluminum and steel reinforcements. Foam plastic interior. Holds PCP80 projector body. Dimensions: 20 x 17 x 11" (510 x 430 x 285mm) W.D.H. Weight: 18 lbs. (8kg).
Item # HACP299.95

Front Lens Cap 75/150 (70526)
Protects front lens element of the 75mm P-Distagon and 150mm P-Planar lenses. Replacement.
Item # HALC75P7.95

Front Lens Cap 250 (51654)
Protects front lens element of the 260mm P-Sonnar lens. Replacement.
Item # HALC250P19.95

PCP80 Front Protective Cover (70532)
Protects projector when no lens is attached. Replacement.
Item # HALCP7.95

PCP80 Dust Cover (70547)
Soft dust cover protects projector when not in use.
Item # HADCP44.95

Power Cord (70539)
American plug. Supplied with projector body. Length: 8ft. (2.5m). Replacement.
Item # HAPCP18.95

Air Filter (70541)
Supplied with projector body. Replacement.
Item # HAFAP19.95

Wiko EHV Projector Lamp
Item # HALEHJ8.50

7-Pin AV Connector/Adapter AA (70525)
Item # HACAP149.95

PCP80 SPECIFICATIONS

TYPE OF PROJECTOR:

Slide projector for 2 1/4x2 3/4" (6x6cm) format. Rotary tray, 80-slide capacity. Remote controllable

SLIDE MOUNTS:

External dimensions 2 1/4 x 2 3/4" (7 x 7cm)

Subject to change without notice

ILLUMINATION SYSTEM:

Two 24v/250ws halogen lamps (base 6), automatic lamp replacement. Slide temperature approximately 70° c

COOLING SYSTEM:

Hyperbaric, with filtered air

MAGAZINE:

Rotary; capacity: 80 slides

DIMENSIONS:

14.3 x 17 x 8"
(362 x 432 x 204mm) WDH

WEIGHT:

31 lbs. (14kg)

One of the main strengths of medium format photography is the ability to capture detail with extraordinary sharpness. RolleiVision Medium Format projector is built not just to showcase medium format's sharpness, but to incorporate it into both serious amateur and professional multimedia presentations.

The Rolleivision 66 Dual P brings all the advantages of medium format to the screen by providing a clear and true color reproduction, even illumination and edge-to-edge sharpness.

Educational institutions, businesses and home and semi-professional users often have to deal with a variety of picture and slide formats. In response, Rollei has come up with a multi-format projector that accepts 7 x 7 and 5 x 5cm slide mounts.

This means that it can handle 6 x 6, 6 x 4.5, 4 x 4cm ad 24 x 36mm slides – the most commonly used



Rolleivision 66 Dual P

The Rolleivision 66 Dual P combines years of experience in the development and construction of top-quality projectors, offering a new standard in 6 x 6 slide projection.

Rolleivision 66 Dual P (010-785)

With lamp, 30 slide tray, lamp extractor and AC cord. (Lens must be purchased separately.)
Item # RO66DP.....1399.95

66 DUAL P SPECIFICATIONS

TYPE OF PROJECTOR:

Compact autofocus projector to use with two slide sizes and two magazine sizes with override function and manual adjustments.

LIGHTING SYSTEM:

Two 24v/250w halogen lamps, automatic switchover to standby lamp, continuously adjustable dimmer, concave mirror, heat filter, rear aspherical condenser element, front spherical condenser element, interchangeable condenser elements for lenses with focal lengths of 250mm

Subject to change without notice

SLIDE CHANGE:

Remote or automatic forward/reverse, auto program by timer or tape control with signal device. Sliding shutter keeps out unwanted light during slide changes.

CONTROL SOCKETS:

8-pin socket for cable remote control, external units (via adapter cable) and magnetic tape control via synchronizer. 14-pin AV socket, additional V-24 PC interface for control of all projector functions and connection or integration into current and future multimedia environments

POWER SUPPLY:

Connection for AC supply 110v with automatic voltage stabilization

COOLING SYSTEM:

Enclosed radial fan, cooling also with lamp switched off, ventilation outlet at rear

MAGAZINES:

Type Rollei 77/30 for 2 1/4 slides or type CM/55/50 for 35mm slides.

DIMENSIONS:

12 x 11.5 x 6" (30 x 29 x 15cm)

WEIGHT:

17 lbs. (7.7kg)

FEATURES

- **The first medium-format slide projector with direct drive technology. Slide claw, magazine transport and focusing are all controlled via the projector's microprocessor and operate completely independently of each other. With its contact-free sensors and robust drive cabling, the system is designed for absolute reliability, vibrationless operation and a long service life**
- **Slide formats 6x6, 4.5x6, 4x4cm and 24x36mm projected from two different magazines**
- **Convenient slide pre-sorting via a brightly lit viewing window in the top of the projector casing**
- **Variable fade technology provides fade-ins and fade-outs at any place in the magazine with durations of 0.1, 3 and 6 seconds. This also allows effective switches between CUT and SOFT**
- **All functions can be conveniently controlled via the detachable IR remote control unit.**
- **If a lamp fails, the standby lamp takes over immediately**
- **The memo button on the remote control lets you mark up to 16 slides to be shown again at the end of your presentation**
- **The timer lets you pre-select from three screen times (4, 8 and 12 seconds) for an automatic projection run**
- **The preprogrammable autoreverse function (for slide range 1-60) provides automatic magazine reverse transport and continuous projection**
- **The projector has sockets for audio slide presentations and dissolve projection. Its V-24 PC interface allows integration in a multimedia environment**
- **An integral autofocus system with an override function delivers optimum on-screen sharpness in seconds**
- **Interval lighting comes on automatically when the projector is in standby mode before the presentation and after the magazine run**
- **The projector recognizes empty magazine compartments, and a sliding shutter excludes unwanted light**

Lenses

AV-Xenotar 90mm f/3.5 (083528)
For projection in normal sized rooms.
Item # RO9035P66829.95

S-Heidosmat
150mm f/3.5 (083657)
Standard lens. For projection in normal sized rooms.
Item # RO15035P66149.95

AV-Xenotar 150mm f/2.8 (083512)
Standard lens. For projection in normal sized rooms.
Item # RO15028P66499.95

Heidosmat 180mm f/3.5 (079468)
For projection in normal sized rooms.
Item # RO18035P66419.95

AV-Xenotar 250mm f/4 (083653)
For projection in large rooms.
Item # RO2504P66999.95

AV-Xenotar 400mm f/4 (083655)
For projection in extra large rooms.
Item # RO4004P661,499.95

Vario-Heidosmat
110-160mm f/3.5 (079464)
Zoom lens. For projection in normal sized rooms.
Item # RO11016035P6 ..499.95

The following lenses are recommended for 35mm:
60mm f/2.8, 85mm f/2.8,
90mm f/2.4, 150mm f/2.8,
250mm f/4.3 and 70-120mm f/3.5.

Slide Trays

CM 77/30 Magazines (084059)
For 120 slides. Stored in easy-to-stack plastic boxes that hold two magazines.
Item # ROST66Q34.95

CM 55/50 Magazines (434302)
For 35mm slides.
Item # ROST3515.95

Storage Chest for
2 1/4 (6cm) Slide Trays (084058)
Item # ROCSS266.....13.95

Slide Tray
Extension Platform (026750)
Lets you add more trays for uninterrupted presentations.
Item # ROEP66DP.....109.95

Remote Controls

Remote Control
for RC66 with Timer (084965)
Item # RORC66.....77.50

Infrared Remote Control (083524)
Wireless 4-channel remote unit.
Item # RORCIR66229.95

33' (10m) Extension for
Wired Remote Control (079529)
Item # ROECRC66.....69.95

Miscellaneous Accessories

Rigid Carrying Case (083995)
Item # ROC66169.95

Stacking Kit for
2 66 Projectors (084062)
Item # ROSK6648.50



ROLLEI/NOBLUX

ROLEIVISION 66 DUAL P

Accessories

Digital Dissolve Control Unit MD230 (064862)

Leisure and pro users now have all the possibilities of sophisticated slide projection using modern dissolve technology offered by this digital control. The MD230 offers dissolve durations from hard cut to 99 seconds; reversible, accelerated, slowed down and frozen dissolves; independent fade-ins and fade-outs on either projector; forward and reverse slide change; flashing effect at four speeds and three different intervals; variable lamp brightness from 0 to 100%; and written documentation of the program memory content via RS 232 serial interface.

The unit also offers a 40-channel infrared remote to control all projection and remote functions in the direct mode from a distance of about 33ft. (10m). The MD230's memory has a capacity of up to 4 shows with as many as 600 commands each. Data can be deleted, modified or added to as needed. The MD230's tape control encodes all input commands and sync information as digital interference-proof signals—resulting in reliable picture/audio playback and ease of operation. The dimensions are 8.5 x 11 x 2" (22 x 28 x 5cm) It weighs 1.5 lbs. (0.7kg).

Item # **ROMD230**.....**1149.95**

Standard Cable for MD-230 (098943)

Item # **ROCMD230**.....**37.95**

MD-230 Tape Recorder Cord for ITT (098944)

Item # **ROCITMD230**.....**37.95**

MD-230 Tape Recorder Cord for Phillips (098967)

Item # **ROCPMD230**.....**37.95**

MD-230 Tape Recorder Cord for Uher (098968)

Item # **ROCUMD230**.....**37.95**

AC Cord for Rollei Projectors (083364)

Item # **ROACC**.....**26.95**

24v/250w Halogen Lamp for 66 Projectors (085034)

Item # **ROL66Q**.....**19.95**

Lamp Extractor for 66 Projectors (085060)

Item # **ROLE66**.....**11.95**

35mm Condenser (038530)

Allows the use of 35mm slides with the Rolleivision 66 Dual P.

Item # **ROC35**.....**99.95**

NOBLUX 4 x 5

Especially designed for the presentation of professional 4x5 and panorama 6x12cm slides, the Noblux projector has a bright and sharp projected image with its interchangeable Visolpan 280mm f/4 lens. A noise-reduced air cooler and heat-absorbtion filter protect your slides from overheating. These features allow the panorama and large format photographer to make the right presentation in the studio or at the client.



Noblux 4x5 Projector (4001)
110/220v with 280mm f/4 lens.
Item # **NOP45**.....**2997.50**

Noblar 360mm f/6.7 (4005)
With interlaying adapter.
Item # **NO36067**.....**S.O.**

Noblar 420mm f/4 (4006)
With interlaying adapter.
Item # **NO4204**.....**593.95**

Projector Case (8050)
Item # **NOCP**.....**449.95**

4x5 SPECIFICATIONS

TYPE OF PROJECTOR:
Slide projector for 4 x 5" (9 x 12cm) and 6 x 12cm.

SLIDE MOUNT:
Removeable slide holding plate for single projection

ILLUMINATION SYSTEM:
115v/500 watt or 230v/500 watt

POWER SUPPLY:
110-240v AC 50/60 Hz

COOLING SYSTEM:
Enclosed fan and vent

CONDENSER SYSTEM:
3 lens with aspheric lens and heat absorbption filter

DIMENSIONS:
25.6 x 11.4 x 7.9" (65 x 29 x 20cm)

WEIGHT:
26.5 lbs. (12kg) with lens

Subject to change without notice

All items are complete with all accessories as supplied by the manufacturer

MAMIYA

PROCABIN

6x7 format photographers can dazzle audiences with projected images that show the life-like clarity and stunning detail of the larger medium format, thanks to the Mamiya Procabin 67Z Medium Format Projector. Designed for the professional who wants to dazzle editors and art directors, the 67Z will also be welcomed by lecturers who want to impress their audiences.

The projector is compact, light and easily portable. It accepts 85x85mm glass-mounted 6x6 or 6x7cm transparencies in its drop-in slide holder. Conventional push-pull slide carriers for 6x7, 6x6, 6x4.5cm and 35mm slides are available as optional accessories. A filmstrip carrier for unmounted transparencies is also available.



Mamiya
Procabin
67Z
(601403)

PROJECTORS

505

Procabin 67Z Projectors

Procabin 67Z (601403) Item # CA67Z	1,131.95
Procabin 67Z w/200mm (601402) Same as above, but equipped with 200mm f/4.5 Cabin Projector lens. Item # CA67Z20045	1,399.00
Procabin 67Z w/150mm (601401) Same as above, but equipped with 150mm f/3.5 Cabin Projector lens. Item # CA67Z15035	1,279.00

Procabin 67Z Accessories

Twin Slide Carrier for 6x7cm (601421) Item # CATSC67.	89.95	120 Film Strip Carrier (601427) Item # CAFSC120.	168.50
Twin Slide Carrier for 6x6 and 6x4.5cm (601423) Item # CATSC66.	89.95	300ws Lamp (601440) Item # CAL67Z.	27.95
Twin Slide Carrier for 35mm (601425) Item # CATSC35.....	89.95		

Procabin 67Z Lenses

150mm f/3.5 Cabin Projector Lens (601415) Item # CA15035	209.95	200mm f/4.5 Cabin Projector Lens (601416) Item # CA20045	349.50
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67Z SPECIFICATIONS

TYPE OF PROJECTOR:

Slide projector with manual feed

SLIDE MOUNTS:

Unmounted transparencies up to 6x7cm and transparencies mounted in 85x85mm glass mounts

Subject to change without notice

LIGHTING SYSTEM:

110-240v 300ws type lamp

POWER SUPPLY:

110-240v AC, 50/60 Hz

COOLING SYSTEM:

Internal fan and vent

MAGAZINE:

Optional push-pull slide carriers available

DIMENSIONS:

17 x 9 x 6" (43 x 23 x 15cm) W.D.H.

WEIGHT:

9.5 lbs. (4.3kg)



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