



*The classical presentation media*

### KINDERMANN overhead projectors

- High light output
- Good value
- Low maintenance costs
- Easy to operate
- Plug and play

Overhead projectors have always been and still are the most widely spread means of presentation in schools and conference rooms.

Without requiring special technical understanding they enable the user to prepare his presentation in a very short time, to visualize facts convincingly and to get across a subject matter or a message clearly.

Moreover, the pre-fabricated transparency can be easily changed or supplemented while the lecture is going on.

Problems like a loss of data, a programme failure or incompatibility do not bother the user of an overhead projector.

### KINDERMANN offers any user a versatile programme of overhead projectors

#### Famulus reflex

The light-weight travellers



#### Famulus alpha

The low-budget projectors



#### High quality

KINDERMANN overhead projectors have always been developed and produced at our Ochsenfurt headquarters. They are subject to strict quality controls.

#### ISO certified

The high quality standard of the whole manufacturing process is guaranteed by the German industrial standard DIN ISO 9001:2000.

#### 3-year warranty

For all overhead projectors KINDERMANN offers a three-year warranty.

#### Famulus beta

The professional projectors



#### Famulus beta 400 K

Projector with Keystone correction



#### Maintenance-friendly

All KINDERMANN overhead projectors are maintenance-friendly, their functions are easy to check and, if necessary, components can be exchanged quickly. KINDERMANN provides an excellent after-sales service, even many years after the purchasing date.

#### Environment-friendly

KINDERMANN overhead projectors are environment-friendly. All components of the bodies are marked with different codes for different materials. They are not glued together so that they can be easily dismantled and recycled.



DIN ISO 9001:2000



**Users who travel a lot know the problems:**

It is often difficult to visualize a lecture because of poor projection facilities at one's destination. Who wants to be on the safe side, relies on his own overhead projector. The Famulus reflex projectors are the best choice for mobile use. They are very handy and extremely powerful.

They create brilliant pictures to convince any audience.

The Famulus reflex M is equipped with a metal halide lamp which means more light (4400 lumens) and a white and true-colour large-screen projection.

The high-quality 3-element vario-focal lens avoids colour fringes, and its automatic focal compensation and the Keystone correction of 8° makes it suitable for upward projection.

**Famulus reflex • reflex T • reflex M**

The light-weight travellers – small, super bright and flexible in use

reflex <b>3000</b> lumens	reflex T <b>3000</b> lumens	reflex M <b>4400</b> lumens
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Supplied with carrying bag

**Quality made in Germany**  
by KINDERMANN



**The highlights of the reflex projectors**

- Easy transport, low weight
- Ready for use in no time
- Extremely flat working surface

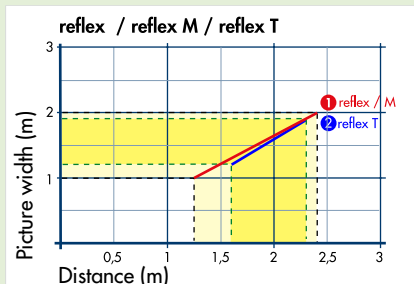
**Exclusive features:**

- Excellent light output: up to 4400 lumens
- In transport position only 11 cm high

**Standard features:**

- High-quality 3-element vario-focal lens f=280 - 300 mm (reflex/reflex M)
- 3-element lens f= 300mm (reflex T)
- Quick lamp changer with 2 halogen lamps 24 V/ 250 W (reflex/ reflex T)
- Metal halide lamp 300 W (reflex M)
- Electronic power supply with voltage stabilizer for a soft start (reflex/reflex M)
- Conventional transformer (reflex T)
- Working surface A4 horizontal+vertical
- Glare-free fresnel lens

**Picture size chart**



**Dimensions reflex / (reflex T/M)**



Famulus reflex	2 Halogen lamps 24 V/250 W/50 h • 3000 lumens • 4.5 kg	No. 6088
Famulus reflex T	2 Halogen lamps 24 V/250 W/50 h • 3000 lumens • 6.5 kg	No. 6089
Famulus reflex M	Metal halide lamp 300 W • 4400 lumens • 4.6 kg	No. 6090
Halogen lamp 24 V/250 W	300 hours	No. 6049
Metal halide lamp 300 W	750 hours	No. 6093
Deluxe carrying case		No. 6159-1

## Famulus alpha 250 • alpha 400

The projectors for the small budget – „Made in Germany“

You are looking for a reliable and maintenance-free overhead projector with a good projection quality but you have only a small budget?

Then the Famulus alpha projectors are the proper choice for you.

- +** Patented safety lens head
  - no overheating of the lens
- +** Foldable projection arm
  - for convenient storage
- +** No disturbing fan noise
  - <31 dB(A)



alpha 250  
**2500**  
lumens

alpha 400  
**4400**  
lumens

**Quality made in Germany**  
by KINDERMANN

Famulus alpha 250	2 Halogen lamps 24 V/250 W/50 h • 2500 lumens • 8.2 kg	No. 9052
Famulus alpha 400	2 Halogen lamps 36 V/400 W/50 h • 4400 lumens • 9.4 kg	No. 9053
Halogen lamp 24 V/250 W	300 hours	No. 6049
Halogen lamp 36 V/400 W	300 hours	No. 6071
Dust cover		No. 6806-1
Roll attachment		No. 9011

### The highlights of the alpha projectors

#### Exclusive features:

- Safety lens head with a rotating knob for precise picture height adjustment
- Top quality „Made in Germany“ by KINDERMANN

#### Standard features:

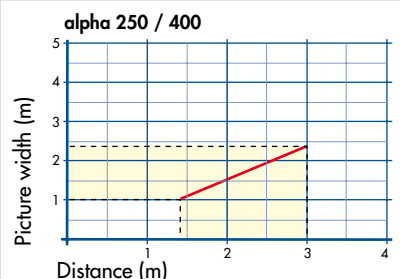
- High-quality 3-element projection lens f=31.5mm - high sharpness, good contrast
- Quick lamp changer with 2 halogen lamps
- Foldable projection arm
- Very low fan noise - < 31 dB(A) only
- Operating buttons on top
- Glare-free fresnel lens
- Retractable pins for holding transparencies
- Optional roll attachment



#### Foldable projection arm

- for easy transport
- for convenient storage

#### Picture size chart



#### Dimensions alpha 250/400





# Famulus be

## Famulus beta 250 • beta 400

**The professional projectors for schools, seminars and training**

Innovative technology as well as safe and convenient operation characterize the beta projectors.

### Famulus beta 250

For the projection in small or medium-sized rooms.

With 2 halogen lamps 24 V/250 W, quick lamp changer with LED for lamp failure, economy switch, glare-free fensel lens, vario-focal lens  $f = 275-320$  mm, slot for anti-theft device, lockable projector body, foldable projection arm. Weight: 9.5 kg

### Famulus beta 400

For the projection in medium-sized or large rooms.

With 2 halogen lamps 36 V/400 W.

Otherwise identical with beta 250.

Weight: 10.5 kg

## Famulus beta 575 M

**The professional projector with extra high light output**

Perfect for large screen presentations with colour-true images even in sunlit rooms.

Equipped with 575 W metal – halide lamp with average lamp life of 1000 hours, indication of operating time and LED for lamp changing.

Otherwise identical with beta 250.

Weight: 13.9 kg



Quality  
 made  
 in  
**Germany**  
 by KINDERMANN





- +** **Patented safety lens head**
  - no overheating of the lens
- +** **No disturbing fan noise**
  - < 30 dB(A)
- +** **Lockable projector body**
  - protects against unauthorized handling
- +** **High light output**
  - up to 11000 lumens

**The highlights of the beta projectors**

**Exclusive features:**

- Patented safety lens head with manual focusing for upward projection and precise picture height adjustment
- Manual focal compensation for upward projection
- Lockable projector body
- Slot for anti-theft device
- Condensor lens for a perfect overall illumination of the image

**Standard features:**

- High-quality 3-element vario-focal lens f = 275 – 320 mm – no colour fringes
- Quick lamp changer with LED for lamp failure (in units with halogen lamp)
- Economy switch
- Glare-free fensel lens
- Foldable projection arm
- Operating buttons on top
- Very low fan noise <30 dB(A)
- Place for keeping pens, integrated in frame
- Retractable pins for holding transparencies
- Optional roll attachment



**Lockable projector body**

prevents unauthorized persons from opening the top of the projector body and tampering with the technical components.



**Anti-theft device**

Slot to attach a lock as an anti-theft device.



**Foldable projection arm**

for convenient transport and storage.



**Cable storage**

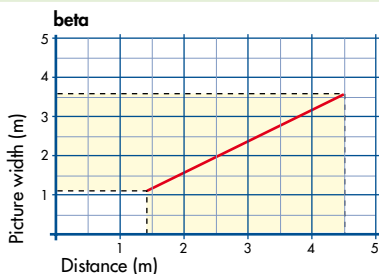
on the rear side.



**Safety lens head**

no overheating of the lens – even when lens head closed.

**Picture size chart**



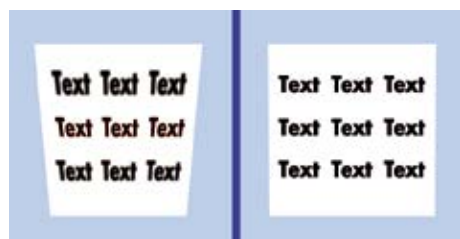
**Dimensions beta 250/400/575 M**



<b>Famulus beta 250</b>	2 Halogen lamps 24 V/250 W/50 h • 3500 lumens • 9.5 kg	<b>No. 9000</b>
<b>Famulus beta 400</b>	2 Halogen lamps 36 V/400 W/50 h • 5400 lumens • 10.5 kg	<b>No. 9005</b>
<b>Famulus beta 575 M</b>	Metal halide lamp 575 W • 11000 lumens • 13.9 kg	<b>No. 9025</b>
<b>Halogen lamp 24 V/250 W</b>	300 hours	<b>No. 6049</b>
<b>Halogen lamp 36 V/400 W</b>	300 hours	<b>No. 6071</b>
<b>Metal halide lamp 575 W</b>	1000 hours	<b>No. 6797</b>
<b>Dust cover</b>		<b>No. 6806-1</b>
<b>Roll attachment</b>		<b>No. 9011</b>
<b>Anti-theft device</b>		<b>No. 5775</b>

## Famulus beta 400 K

The large-screen projector with Keystone correction



To allow any member of the audience to see the full size of the picture, you have to project it at an extremely steep angle which leads to a trapezium-like distortion of the overall dimensions.

The special overhead projector with Keystone correction in upward or sideward projection excludes such a distortion up to a projection angle of 13°. Parallel lines remain parallel, a rectangle remains a rectangle.

**+** Keystone correction 13°  
■ distortion-free projection

**+** No disturbing fan noise  
■ < 30 db(A)

**Quality made in Germany**  
by KINDERMANN



## The highlights of the beta 400 K

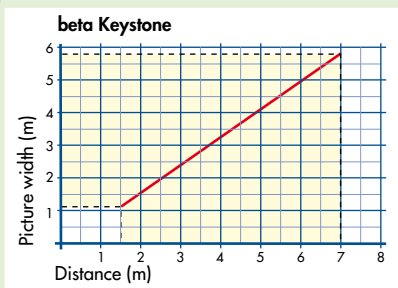
### Exclusive features:

- Keystone correction 13° (30%)
- High-quality 3-element vario-focal lens (f = 300–340 mm) – no colour fringes

### Standard features:

- 2 Halogen lamps 400 Watt
- Lockable projector body
- Economy switch
- Quick lamp changer with LED for lamp failure
- Glare-free fresnel lens
- Very low fan noise < 30 dB(A)
- Place for keeping pens, integrated in frame
- Operating buttons on top
- Retractable pins for holding transparencies
- Optional roll attachment

### Picture size chart



### Dimensions beta Keystone



Famulus beta 400 K	2 Halogen lamps 36 V/400 W/50 h • 4700 lumens • 12.1 kg	No. 9010
Halogen lamp 36 V/400 W	300 hours	No. 6071
Roll attachment		No. 9011
Dust cover		No. 6806-1
Anti-theft device		No. 5775

## Technical data of the overhead projectors

OHP Projector	reflex	reflex T	reflex M	alpha 250	alpha 400	beta 250	beta 400	beta 575 M	beta 400 K
Ref. No.	6088	6089	6090	9052	9053	9000	9005	9025	9010
Projection lens in mm	280-300	300	280-300	315	315	275-320	275-320	275-320	300-340
Projection lamp/lamp life	250 W/50 h	250 W/50 h	300 W/750 h	250 W/50 h	400 W/50 h	250 W/50 h	400 W/50 h	575 W/1000 h	400 W/50 h
Metal halide/Halogen lamp	- / ✓	- / ✓	✓ / -	- / ✓	- / ✓	- / ✓	- / ✓	✓ / -	- / ✓
Light output in lumens	3000	3000	4400	2500	4400	3500	5400	11000	4700
Working area in mm	285 x 285	285 x 285	285 x 285	285 x 285	285 x 285	285 x 285	285 x 285	285 x 285	285 x 285
Focal compensation	✓	✓	✓	-	-	✓	✓	✓	✓
Lamp change LED	-	-	-	-	-	✓	✓	✓	✓
Quick lamp changer	✓	✓	-	✓	✓	✓	✓	-	✓
Economy switch	-	-	-	-	-	✓	✓	✓	✓
Overheating protection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Foldable projection arm	✓	✓	✓	✓	✓	✓	✓	✓	-
Slot for anti-theft device	-	-	-	-	-	✓	✓	✓	✓
Lockable projector body	-	-	-	-	-	✓	✓	✓	✓
Voltage* (V/Hz)	230/50 - 60	230/50 - 60	230/50 - 60	230/50 - 60	230/50 - 60	230/50 - 60	230/50 - 60	230/50	230/50 - 60
Weight in kg	4.5 kg	6.5 kg	4.6 kg	8.2 kg	9.4 kg	9.5 kg	10.5 kg	13.9 kg	12.1 kg
Noise level db(A)	36 db(A)	36 db(A)	36 db(A)	31 db(A)	31 db(A)	30 db(A)	30 db(A)	30 db(A)	30 db(A)

\* other voltage upon request!

## Working material for overhead projectors

### Transparency rolls and sheets

For the professional preparation of a lecture as well as for making notes during the lecture. Made from environmentally friendly materials. Suitable for felt pens.



Transparency roll	10 m long / 29.7 cm wide	No. 6078
Transparency roll	30 m long / 29.7 cm wide	No. 6074
Transparency sheets	0.08 mm / DIN A 4 / 100 per package	No. 6864
Transparency sheets	0.10 mm / DIN A 4 / 100 per package	No. 6865

### Anti glare panel

Anti glare panel device with joint and thread to be attached to the projection heads of transmissive type overhead projectors.



Anti glare panel	Nr. 6108
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### Felt pens

For writing on transparencies, package with 6 different colours: black, blue, red, green, yellow and brown.

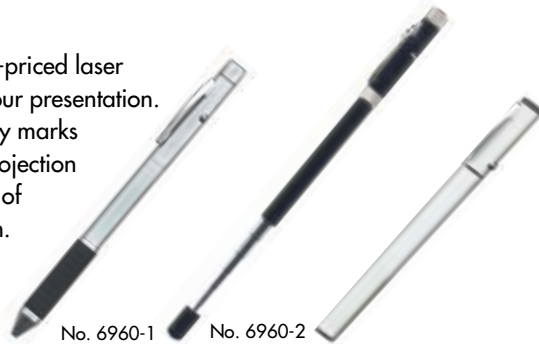


Felt pens	water soluble / fine	No. 6091
Felt pens	water proof / fine	No. 6092
Felt pens	water soluble / medium	No. 6099

## Laser-Pens

These three low-priced laser pens support your presentation. A red dot clearly marks details of the projection over a distance of more than 50 m. Safety class 2.

No. 6960      No. 6960-1      No. 6960-2



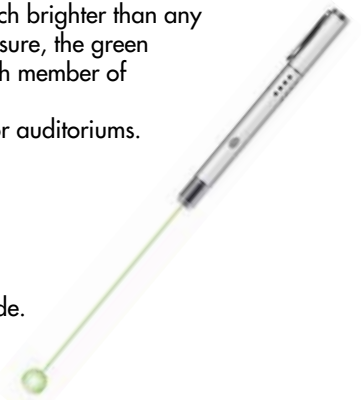
The laser pen No. 6960-2 is equipped with 2 AAA batteries, the models No. 6960-0 and 6960-1 are equipped with 3 batteries LR41.

Laser-Pen with PDA and ball pen	No. 6960
Laser-Pen with ball pen and pointer	No. 6960-1
Laser pen	No. 6960-2

### Green Laser Pointer

This innovative laser pointer is much brighter than any model with a red dot. You can be sure, the green dot will attract the attention of each member of your audience. Especially useful for sunlit rooms or auditoriums. Safety class 2, supplied with two 1.5 V AAA batteries.

- Range up to ca. 200 m
- Wave length 532 mm
- Dim.: 15.5 cm long, 1.4 cm wide.
- Weight: ca. 74 g incl. battery



Laser pen with a green dot	No. 6960-3
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## Remote controls for computer presentations

When using the KINDERMANN remote controls you need not stand next to your notebook, and you need not ask anyone for assistance seither. The radio remote allows you to move freely in the conference room. The „plug & play“ installation is really easy.

<b>Remote Point Jade</b> <b>No. 7462-3</b> <ul style="list-style-type: none"> <li>■ Green laser pointer, up to 10x brighter than a model with a red dot</li> <li>■ Mouse function</li> <li>■ „Click trigger“ for forefinger (left mouse button)</li> <li>■ Page up/down</li> <li>■ 4 freely configurable buttons (via software)</li> <li>■ Automatic adjustment of radio channel (64,000 channels possible)</li> </ul>	<b>Global Presenter RF</b> <b>No. 7462-2</b> <ul style="list-style-type: none"> <li>■ Mouse function</li> <li>■ „Click trigger“ for forefinger (left mouse button)</li> <li>■ Page up/down</li> <li>■ Blanking</li> <li>■ Laser pointer</li> </ul>	<b>Wireless Presenter</b> <b>No. 7462-1</b> <ul style="list-style-type: none"> <li>■ Mouse function</li> <li>■ Page up/down</li> <li>■ White/black monitor</li> <li>■ Alt+Tab (switching between applications)</li> <li>■ Laser pointer</li> </ul>
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NEW

### Technical data

Product	Remote Point Jade	Global Presenter RF	Wireless Presenter
Range	up to 50 m	up to 30 m	up to 15 m
Frequency	2.4 Ghz	2.4 Ghz	2400 – 2483 MHz
Dimensions / Weight	160 x 38 x 27 mm / 0.075 kg	110 x 62 x 37 mm / 0.140 kg	130 x 38 x 21 mm / 0.058 kg
Interface	USB	USB	USB
Prerequisites	Windows 2000 or higher, Mac OSX 10.1 or higher, 1 free USB port	Windows ME or higher, Mac OSX 10.1 or higher, free USB port	Windows ME or higher, Mac OS 9.1/X 10.1 or higher, free USB port
Supplied with	Sender and receiver, batteries, manual	Sender and receiver, batteries, manual	Sender and receiver, batteries, manual





Who opts for slide projection today makes a well-considered decision, because there is an interesting alternative, the data/videoprojector.

If you just compare the technical data and their advantages and disadvantages in application, you will never fully take into account the individual preference of both media.

The characteristic aestheticism of slides hasn't lost its fascination. In terms of brilliance, intense colours and subtle contrasts slides remain impressive and incomparable.



### Magic Screen IR

Two projectors in one unit – for presentation on the built-in monitor or on a large screen!

Quality made in Germany by KINDERMANN



#### Two projectors in one unit

The Magic Screen IR is a 35 mm slide projector for presentation just as you please: on the built-in monitor or on a large screen.

#### Ready for presentation in no time

You can start your projection in a few seconds and wherever you wish.

#### Zoom lens

Optional zoom lens 85–150 mm for screen projection at larger distances.



Zoom lens No. 1388

#### Designed like a travel case

Due to the compact design the projector and the monitor are well protected.



#### Features:

- Built-in monitor 26 cm
- 2-channel IR remote control
- Permanent autofocus
- Halogen lamp 24 V/150 W
- Interchangeable lens 2.8/60 mm
- Compatible with 3 different magazines: LKM, universal or CS
- Single slide holder
- Focusing wheel
- Power cable coiling
- Overheating protection
- With magazine
- Dim. of the travel case: 325x270x150 mm
- Weight: 5 kg

Magic Screen IR No. 8008



## The Magic range

### High-quality 35 mm slide projectors

The Magic projectors with the powerful 250 or 150 W halogen lamps are designed for the ambitious amateur as well as for schools and seminars.



#### Convenient wireless operation for easy use

The 4-channel IR remote control has clearly identifiable command buttons: two buttons for forward and backward transport, two other buttons for overriding the selective autofocus, and another button for activating the integrated laser pointer.

#### Quick slide change for a less tiring show

The quick slide change – ca. 1.1 sec. – nearly shuts out the dark intervals between the single pictures. If there is no slide in the magazine, the slide-controlled diaphragm protects the audience against the dazzling projection light.

#### Selective autofocus

The autofocus automatically adjusts the sharpness of the picture. If needed you can override the mechanism on a manual switch on the remote control. All corrections are made so efficiently that they are nearly invisible to the eye.



#### Features:

- 4-channel IR remote control with laser pointer
- Selective autofocus
- Interchangeable lens 2.8/90 mm MC
- Compatible with 3 different magazines: LKM, universal or CS
- Socket for tape recorder or other equipment
- On/off switch
- Slide-controlled diaphragm
- Single slide holder
- Focusing wheel
- 2 height-adjustable feet
- Quick fuse change
- With magazine
- Dim.: 270 x 295 x 122 mm
- Weight: 5 kg

**Magic 2500 AFS-IR**  
with halogen lamp 24 V/250 W

**No. 8024**

**Magic 1500 AFS-IR**  
with halogen lamp 24 V/150 W

**No. 8021**

## The diafocus range

### Low-budget 35 mm slide projectors

The diafocus projectors are characterized by their solid construction and reliable technology. With their many convenient features they are truly good value units.



#### Integrated remote control

At both models the remote control is integrated in the projector's body.

The two separate buttons for forward and backward transport make the handling easy and convenient.

#### Single slide holder

Wrongly inserted slides can be quickly turned round. You can also project a single slide without a magazine.

#### Permanent autofocus

After you have done the initial adjustment manually via the focusing wheel, the autofocus adjusts the picture sharpness automatically.



#### Features:

- Permanent autofocus
- Halogen lamp 24 V/150 W
- Interchangeable lens 2.8/90 mm MC
- Forward/backward transport via remote control
- Compatible with 3 different magazines: LKM, universal or CS
- On/off switch
- Slide-controlled diaphragm
- Single slide holder
- Focusing wheel
- 2 height-adjustable feet
- With magazine
- Dim.: 270 x 295 x 122 mm
- Weight: 5 kg

**diafocus 1500 E-IR**  
with 2-channel IR remote control

**No. 8003**

**diafocus 1500 E**  
with 2-channel cable remote control

**No. 8000**

## diafocus – 66 T

The high-performance projector for 6 x 6 slides



The superiority of 6 x 6 slides as to brilliance and contrast is only at its best when using the proper projector.

To make a slide show with 6 x 6 slides as convenient as a conventional one with 35 mm slides, KINDERMANN offers the diafocus 66 T, a high performance projector for single and dissolve projection at a reasonable price.

### Features:

- For slide frames 7 x 7 in universal magazines for 30 slides
- Halogen lamp 24 V/250 W
- Projection lens 3.0/150 mm
- Forward/backward transport via remote control or buttons on the projector
- Socket for connecting a tape recorder, a timer or a cable remote control
- 2 dissolve sockets 6-pin and 10-/14-pin
- 2 feet for height-adjustment
- Voltage selector 115/125/230/240 V, 50-60 Hz
- With magazine
- Dim.: 330 x 260 x 195 mm
- Weight: approx. 6 kg

diafocus 66 T

No. 8016

## Accessories

### Interchangeable lenses for Magic and diafocus range

To improve the picture quality we recommend high-performance lenses like the 5-element lens 2.4/90 mm.



1:2.4/90 mm MC	No. 1805
Zoom lens MC 70 – 120 mm	No. 1385
Zoom lens MC 85 – 150 mm	No. 1386

### Lamps

Halogen lamp 24 V/250 W	No. 1259
Halogen lamp 24 V/150 W	No. 1258

### LKM and universal magazines



Plastic box with 2 LKM magazines for 60 slides each	No. 1181
Plastic box with 2 universal magazines for 50 slides each	No. 1192
Case with 6 universal magazines for 50 slides each	No. 1592
1 universal magazine for 30 slides 7 x 7	No. 1169

### Carrying bag for 35 mm slide projectors

For transport and storage of slide projectors, designed like a camera bag, with compartment for accessories.

Carrying bag

No. 8133

### Cable remote control

For projectors Magic 1500 and 2500 AFS-IR. Recommended if the conditions for an IR control are unfavourable.

Remote control	No. 1915-1
Extension cable, 10 m, for 1915-1	No. 1078

### Picture size chart for 35 mm projectors, lens 90 mm

Distance in m	2	3	4	5	6	7	8	9	10
Picture width in m	0.8	1.15	1.6	1.95	2.30	2.70	3.20	3.45	3.90

### Formulas for picture sizes of 35 mm slide projectors

Focal length (mm)	Projection distance (m)	Picture width
35 x projection distance (m)	focal length (mm) x picture width (m)	35 x projection distance (m)
:	:	:
picture width	35	focal length (mm)