ATTACHMENT LENS AND FILTER SET
for Minolta-16 Camera (II)

This attachment lens set consists of three attachment lenses and a yellow filter.

The filter

The filter when fitted in front of a camera lens functions to absorb its objective wave length of light and lets others pass through almost 100% with the aim of obtaining nearly similar effects as seen with the naked eye, or to secure other special depictions aimed at.

<table>
<thead>
<tr>
<th>Filters Mark</th>
<th>Color</th>
<th>Uses</th>
<th>Filter Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y48</td>
<td>Medium Yellow</td>
<td>Ultra violet ray, violet ray and a part of blue rays are absorbed. To darken light skies so that clouds are accentuated. Also for seascapes, snowscapes and other bright subjects. Flowers in red and yellow colors are taken clearly.</td>
<td>2 x</td>
</tr>
</tbody>
</table>

The three attachment lenses.

Since the lens of your Minolta-16 is short focal length, it provides extreme depth of field. (Every things are in sharp focus from 5.5 feet to 16 feet at f 5.6, as instance)

However, it is recommended to use No. 0 lens (Distance lens) for the subject in distance, or the scenery, and close up No. 1 or No. 2 lens for close up picture, for better picture.

Relative depth of field on each F stops with each lenses and without lens are as per chart

<table>
<thead>
<tr>
<th>Lens Opening</th>
<th>2.8</th>
<th>4</th>
<th>5.6</th>
<th>8</th>
<th>11</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without Attachment Lens</td>
<td>6.6 Ft. to 10.8 Ft.</td>
<td>6.1 Ft. to 12.6 Ft.</td>
<td>5.5 Ft. to 16.0 Ft.</td>
<td>4.9 Ft. to 27.0 Ft.</td>
<td>4.2 Ft. to 20.5 Ft.</td>
<td>3.5 Ft. to ∞</td>
</tr>
<tr>
<td>With No. 0 Distance Lens</td>
<td>16.6~2120</td>
<td>13.7~∞</td>
<td>11.1~∞</td>
<td>8.7~∞</td>
<td>6.8~∞</td>
<td>5.0~∞</td>
</tr>
<tr>
<td>With No. 1 Close-up Lens</td>
<td>3.8~4.9</td>
<td>3.5~5.2</td>
<td>3.4~5.7</td>
<td>3.2~6.6</td>
<td>2.9~8.4</td>
<td>2.5~15.0</td>
</tr>
<tr>
<td>With No. 2 Close-up Lens</td>
<td>2.3~2.6</td>
<td>2.2~2.7</td>
<td>2.2~2.9</td>
<td>2.1~3.1</td>
<td>2.0~3.4</td>
<td>1.8~4.1</td>
</tr>
</tbody>
</table>

MINOLTA CAMERA CO., LTD.

Printed in Japan
ATTACHMENT LENS SET
for Minolta-16 Camera (II)

This attachment lens set consists of two filters (UV and Yellow) and No. 0 (distance) lens.

The filter
The filter when fitted in front of a camera lens functions to absorb its objective wave length of light and lets others pass through almost 100% with the aim of obtaining nearly similar effects as seen with the naked eye or, to secure other special depictions aimed at.

<table>
<thead>
<tr>
<th>Filters</th>
<th>Mark</th>
<th>Color</th>
<th>Uses</th>
<th>Filler Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>UV</td>
<td></td>
<td>Transparent</td>
<td>To cut through haze and make clear negatives. For outdoor subjects and distant views generally.</td>
<td>1 x</td>
</tr>
<tr>
<td>Y48</td>
<td></td>
<td>Medium Yellow</td>
<td>Ultra violet ray, violet ray and a part of blue rays are absorbed. To darken light skies so that clouds are accentuated. Also for seascapes, snowscapes and other bright subjects. Flowers in red and yellow colors are taken clearly.</td>
<td>2 x</td>
</tr>
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</table>

The Distance lens
Since the lens of your Minolta-16 is short focal length, it provides extreme depth of field. (Every things are in sharp focus from 5.5 feet to 16 feet at f 5.6, as instance)

However, it is recommended to use No. 0 lens (Distance lens) for the subject in distance, or the scenery.

Relative depth of field on each F stops with No. 0 lens and without lens are as per chart.

<table>
<thead>
<tr>
<th>Depth of Field Scale</th>
<th>(Dis. (ft.) )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens Opening</td>
<td>2.8</td>
</tr>
<tr>
<td>Without Attachment Lens</td>
<td>6.6 Ft. to 10.8 Ft.</td>
</tr>
<tr>
<td>With No. 0 Distance Lens</td>
<td>16.6 to 2420</td>
</tr>
</tbody>
</table>

CHIYODA KOGAKU SEIKO K. K.
Printed in Japan
For every man, woman, and youngster who has ever said, "Oh what I wouldn't give for a camera right now!"

Smaller than a pack of cigarettes, the 16-mm "16" fits in your pocket, snuggles in your purse, always ready to extend the fun of pictures taking on an unperceived pleasure, or an cathartic delight. Easier to use than a box camera, Minolta "16" provides the versatility demanded by professionals.

For regular black and white photos or color slides outdoor or out you just can't beat the fun of taking pictures with a Minolta "16".

Contents

- Make Prints of Minolta "16" with "16" Book
- IF YOU KNEW NOTHING ABOUT CAMERAS how to use the Minolta "16" Electronic Camera-Contents, too: How to Hold the Camera
- INDORCIPICURE Flash: How to Use Electronic Flash TV, 5 & 7 P.M.
- Color Filter Blues
- Placing Film in Your Minolta "16"
- Loading Finisher Film
- Further Information on Advanced Photographers
- How to Load Your Own "16" Film
- ACCESSORIES: Minolta "16" Flash Unit
- Flash & Adapter Adapter
- Repair Kit: Minolta "16" Projector
- Minolta "16" Projector
- Minolta "16" Filters
- Other Uses in Camera

This is Where Your Minolta "16" Came From...
If you know nothing about cameras...

Practice the following before putting in film:

1. Select the correct film type.
2. Hold your hand firmly on the camera as you load it.
3. Group the film together, making sure it's straight.
4. Press release is used to take a picture.
5. Load film into the camera as shown.
6. Take a picture to expose the film.
7. Remove the film when done.
HOLDING THE CAMERA

Additional hints for beginners...

The Flash Gun

Indoor pictures (or any pictures in dim light)

The Flash Gun should always be used by the photographer. It is attached to the camera by a cord and is activated by a button on the camera. When the flash is fired, it illuminates the subject and creates a bright light. This allows the photographer to take pictures in dim lighting conditions.

TRI-X Film

Where you have only poor light, use TRI-X Film. In this case, a tri-color filter may be used as a substitute for yellow filter: This filter should be used only for indoor pictures. Wherever possible, use a tripod to avoid camera shake.
Loading the camera

1. Pull the film strip (A) out of the cassette (C). In the 2500, make sure that film end tab (B) is facing up. Open the loading slot (B) and slide the film strip into the camera until the arrow marks (D) meet. 
2. Open the film back latch (E) and slide the film back inward until it clicks into place. 
3. Close the film back latch (E) and turn the winding crank (F) until it clicks. 

Color Picture Slides

You can also take color picture slides using the Mini-Projector. The slides are placed in the same way as the negative slides.
Removing the exposed magazine

1. Slip the slide out of the film cassette & turn the winding key clockwise.
2. Holding down the slide, press the release lever & turn the winding key again.
3. Depress the lever & open the film loading slot.
4. Place the film cartridge in the magazine & close the loading slot.

Further information for advanced photographers

<table>
<thead>
<tr>
<th>Lens Diameter</th>
<th>f/2</th>
<th>f/2.8</th>
<th>f/4</th>
<th>f/5.6</th>
<th>f/8</th>
<th>f/11</th>
<th>f/16</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Wide Angle</td>
<td></td>
<td></td>
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<tr>
<td>Close-Up Lens</td>
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<td>24-40</td>
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</tbody>
</table>
How to load your own bulk film into the Minolta "16" magazine (if you so desire)

1. IN TOTAL DARKNESS
2. Place the film cartridge into the magazine, with the film running out of the magazine.
3. Turn the film transport knob to move the film into the magazine.
4. Pull the film through the magazine until it reaches the end.
5. IN DIM LIGHT
6. Pull the film through the magazine until it reaches the end.
7. Seal the film cartridge with tape to ensure the film is secure.
8. Place the film cartridge into the Minolta 16 magazine.
9. Place the magazine onto the camera body.
Minolta Accessories

**MINOLTA BABY FLASHGUN**

The Minolta Baby Flashgun is an indispensable accessory, perfect for snapshots in low light or nightscapes. It is easily mounted on your camera's hot-shoe or can be used on any tripod. For fully automatic operation and complete versatility, choose the Minolta Flashgun with Electronic Switch. When used with the Minolta Motor Drive, the Flashgun system allows you to capture a picture in a single exposure.

**FLASH AND TRIPOD ADAPTER CLAMP**

This clamp attaches your accessory flashgun securely to your tripod or other mounting device, ensuring stability and professional-grade performance. It's ideal for any Minolta flashgun.

**Miinolta Color filter bank**

There are 3 filters in the accessory pack, for giving better color balance in your color slides:

1. Red
2. Yellow
3. Blue

(Compare 33)

To achieve the best results, mount the filter on your tripod and allow your light source to warm up for a short period before taking your shot. It's a great way to enhance your photography experience. (Compare 33)
Minolta Mini 16 Projector

For Color Slides

The Minolta Mini 16 Projector is a compact, lightweight projector designed for 35mm color slides. It features a 16mm aperture and a 35mm film transport system. The projector is ideal for presentations and small-scale exhibitions.

Minolta Mini Enlarger

Minolta Mini Enlarger is a high-quality enlarger designed for 5x7 color slides. It features a wide aperture and high magnification, allowing for detailed and sharp enlargements. It is suitable for professional and amateur use.

For use with Minolta 16mm Color Slides. With its powerful 5x7 enlarger, it produces images of superior quality. The enlarger is equipped with a wide range of accessories, including filters and bellows, to meet the needs of both amateur and professional photographers.

Enlarger and accessories are available.
Minolta 16 Filters

16 F filter is indicated with your opinioned 35F filter to work the filter up lines to the camera, or you can use a electronic light meter.

The filter itself can be mounted from the front of the camera, or from the side.

UV F filters 16 V which is a brighter photographic image produced by eliminating the filter itself. This is recommended to keep the filter attached at the camera for preserving the product line for the future.

20 Yellow filter 16 20 F filters for your camera. For example, you can use a 16 F filter, 16 F filter, or 16 F filter.

With yellow filter

Other famous Minolta cameras

Minolta SR

A more simplified statement for higher output, contrast, dynamic range, or other features. Standard 1.000 to 2.000 explosive range, 32 mm 1.8 2.8 3.5. Optic 16 A camera for the future.
This is where your “Minafa” comes from...