



Zörk Film & Phototechnic, Sales & Marketing – USA  
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Panorama Shift Adapter -- shift, panorama



Macroscope Aspherical Close-up Lens

Zörk Film & Phototechnic – Innovative, precision-built photographic specialty products for the professional and enthusiast photographer.



Cross-system Mount Adapters



Multi-Focus System -- tilt, swing, macro

## Product Guide 2015

Please visit our Web site for additional information and product updates – [www.zoerk.com](http://www.zoerk.com)



## Multi Focus System

The Zörk Multi Focus System consists of an innovative, ball-joint design and precision helical tube that provides continuous focusing from infinity to macro range (magnification depends on lens—1:2 with 80mm on 24x36). This extremely versatile design, allows mounting on a variety of digital and film cameras, as well as on medium format SLRs and even interchangeable lens video and cinema cameras. The MFS uses enlarger and large format lenses with 39mm thread (adapter ring included). *Note:* the Multi Focus System consists of the Mini Makro Mount and Tilt Tub—items that are described separately (see page 4)

MFS includes a 39mm front lens adapter ring for “short mount” lenses, such as enlarge and repo lenses, and a rear camera mount adapter for DSLR of choice. For mirrorless rear adapters, add \$59.00..... \$ 599.00

MFS for Pentax 67 lenses. This is a dedicated mount version of the MFS. It allows up to 12° of tilt/swing on Nikon, 14° on EOS, and 15° on mirrorless cameras..... 899.00

MFS for Hasselblad V lenses. This is a dedicated mount version of the MFS. It allows up to 12° of tilt/swing on Nikon, 14° on EOS, and 15° on mirrorless cameras..... 899.00

MFS for 645 system lenses. This is a dedicated mount version of the MFS for Mamiya or Pentax 645 lenses. It allows up to 12° of tilt/swing on Nikon, 14° on EOS, and 15° on mirrorless cameras.....

### Adapter rings & Accessories

- DSLR..... \$ 79.00
- Mirrorless camera..... 119.00
- Tripod Mount..... 119.00

Available MFS adapters for digital / 35 SLRs include: Nikon F mount, Canon EOS, Sony E and A, M43 and 43, Fuji X, Pentax K-mount, Samsung, and also available for medium-format cameras as well as for most interchangeable lens video and cinema cameras (C mount). Please contact us for availability and pricing of specific mount adapters and the MFS-S.

### MFS Kits for Digital / 35 SLRs

- MFS with 80/4 APO Rodagon (lens is modified for infinity focus)..... \$1499.00
- MFS with 105/4 APO Rodagon for digital and 35mm cameras ..... \$1799.00
- Combine MFS/105 with PSA for 645 lenses to create a mini view camera (tilt/swing/rise/fall). Requires additional MFS to 645 adapter.

### MFS 6x4.5, 6x6, and 6x7 medium format SLRs

The MFS is available for most medium format camera mounts, including Pentax 645z and Phase One. Contact us for information and pricing.



Easily control subject plane depth-of-field or create stunning selective focus effects with up to 30° of tilt and swing.



Dedicated mount MFS, with optional tripod socket. (P67 version, show)



Multi Focus System, lens, with classic Hasselblad V series (shows medium format mount implementation).

## Frequently Asked Questions

**Q: What kind of photography is the MFS intended for?**

A: The MFS is ideal for macro, fashion, portraiture, landscape, table-top, medical / dental, and nature photography. It is also excellent for hand-held close-up photography in the field, where compactness and light weight are at a premium.

**Q: Which lenses should I use on the MFS?**

A: We recommend a high quality enlarger lens. In our testing, APO enlarger or large format lenses offer optimal performance at or near wide open apertures, plus superb color rendition—even on high end digital sensors.

**Q: Why is wide-open performance so important for lenses used on the MFS?**

A: Moderately tilting the lens mounted on the MFS produces the “Scheimp-

flug” effect, or increased effective depth-of-field – without stopping down the lens. This capability is particularly useful in macro photography: you can photograph close-up subjects at higher shutter speeds, use finer grain film, avoid the use of artificial light, and shoot more reliably hand-held.

**Q: Can I use my camera’s lenses on the MFS?**

A: Only lenses without focusing barrels and 80mm or longer, such as enlarger lenses, will work– please contact Zörk for compatibility. Lenses with 39mm rear threads are the easiest to adapt to the MFS. We offer dedicated mount versions for medium format camera system lenses, such as Pentax 67, Hasselblad, and Mamiya 645 (see above).

**Q: What about MFS for traditional medium format film cameras?**

A: We offer a special shortened version of the MFS for use with a Rodenstock APO 105/4 lens, which is also modified for infinity focus on 6x6 and 6x7 cameras. It uses a specially matched camera mount adapter.

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## Panorama Shift Adapters Pro Shift Adapters

Zörk shift adapters offer nearly double the adjustment range of dedicated PC / TS lenses and extend the usefulness of your camera system. They may be combined with our Multi Focus System to create a compact, portable “mini view camera” (requires 105mm or longer “short mount,” such as APO Rodagon, for infinity focus on DSLR, 80mm on mirrorless systems).

### Digital & Mirrorless System Cameras

The Panorama Shift Adapter provides up to 20mm of shift on DSLR camera and beautiful, high pixel count 3:1 aspect ratio panoramas (from two or more stitched images). You can shoot either horizontally or vertically using lenses from the Hasselblad, Mamiya, and Pentax 645 or 67 medium format systems (note: Mamiya 645AF lenses cannot be used on the PSA). It can also use short mount (“enlarger” and repo) lenses when combined with the Mini Makro Mount or the Multi Focus System (the latter adds tilt / swing). Available in most popular DSLR and mirrorless mounts. Specify desired front and rear mounts when ordering (see note below)

Panorama Shift Adapter 645 (Mamiya or Pentax) .....	\$699.00
Panorama Shift Adapter 645 (mod. for Nikon 6xx-8xx) .....	849.00
Panorama Shift Adapter (Hasselblad or Pentax 67 lenses) .....	899.00
Intergraded tripod socket version (add) .....	109.00
PSA L Bracket for camera-only shift (maintains nodal point) .....	119.00

The Panorama Shift Adapter is available in versions with or without a tripod socket. The tripod socket version requires an L bracket for “rear shifts” (lens remains stationary while camera shifts).

**Note:** the protruding prism of some DSLRs may require a PSA version for 6x6 or 6x7 system lenses (rather than 6x4.5). Nikon DSLRs, except for D3/ D4/DF, require *modified* 645 PSA to clear prism (allows 8.5mm vertical rise). Otherwise use Hasselblad or Pentax 67 version of PSA. All pro EOS bodies have full compatibility with all PSA versions. Please inquire about compatibility with your SLR.

### Medium format SLRs

The Pro Shift Adapter is available in two versions: the ProSA-ZM uses enlarger and select large format lenses (with Copal 0 shutters) on medium format cameras up to 6x7. It requires either our Mini Makro Mount focusing helical or Multi Focus System to focus the lens; the ProSA-P67, uses lenses from the Pentax 67 system (45 mm and longer) on Pentax 645z and Phase One cameras. The ProSA provides up to 20mm of shift, and when combined with the Multi Focus System gives a full range of view camera movements (requires an enlarger or large format lens at least 120mm or longer).

ProSA-ZM .....	\$ 1699.00
ProSA-P67 .....	2199.00
Spacer ring (10mm) to mount MFS (for full range tilt movements).....	69.00
Version with tripod socket (add) .....	195.00



Panorama Shift Adapter with tripod socket and medium format system lens. Available for most digital and 35mm film cameras.



A classic for table top: Multi Focus System combined with Pro Shift Adapter (ProSA-ZM) and enlarger lens. This combination creates a mini view camera with up to 20mm or shift / rise / fall and 20 degrees of tilt / swing.



Pro Shift Adapter (ProSA-P67) with 45 mm Pentax 67 lens on Pentax 645

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## System Components and Accessories

### Mini Makro Mount

A precision focusing helical that permits continuous focusing from infinity to macro range using enlarger lenses. Also accepts standard lenses, using a reverse mounting ring.

Mini Makro Mount (includes 39 mm front lens mounting ring)..... \$259.00

Camera mount adapter not included. Must be ordered separately.

#### Adapters and Mounting rings for Mini Makro Mount

Lens mounting ring, 39mm thread .....	\$ 58.00
35 mm camera mount adapter .....	69.00
Mirrorless camera adapter .....	99.00
6x4.5 medium format mount adapter .....	249.00
6x6, 6x7 medium format mount adapter.....	279.00
Reverse mounting ring .....	72.00

### Tilt-Tube

When combined with the Mini Makro Mount, provides tilt and swing adjustment of up to 30°. May be purchased to convert the Mini Makro Mount into a Multi Focus System.

Tilt-Tube .....

The Mini Makro Mount may be used in a variety of applications on digital, 35mm, medium format, and video and cinema cameras: as an effective and precise focusing helical for lenses without focusing mounts; as a versatile, compact, and lightweight substitute for bellows and extension tubes; or as a macro focusing mount for standard lenses using a reversing adapter (macro range focusing only). Two Mini Makro Mounts may be combined for extreme close-up work.



### Extension tubes

These tubes use the Zörk proprietary thread, for a tight and precise fit. Designed for use with Multi Focus System, Mini Makro Mount, and Tilt-Tube. Provide nearly 3:1 magnification on MFS with 80

Complete set 32, 50, 100 mm .....	\$169.00
Individual tubes .....	69.00

### Makroscope Type I

This 12 diopter, two element aspherical lens is possibly the highest quality auxiliary close-up lens available. Mounts on a wide range of lenses, including non-interchangeable digital zooms. Combined with a lens in the 50-80 mm focal length range, the Makroscope produces an image size of approximately 1:1 – *without the light loss associated with extension tubes or bellows*. Maybe combined with a second Makroscope. Ideally suited for use with enlarger lenses on the Mini Makro Mount or Multi Focus System. Available with a wide variety of adapter rings. Rear thread is 52 mm.

Makroscope Type I .....	\$429.00
Mounting spacer (for fixed lens digital cameras).....	69.00
Ringflash mounting ring .....	69.00
Pinhole adapter .....	69.00

The Makroscope is also ideally suited for non-interchangeable lens digital cameras. A wide range of adapters available to fit most models.



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## Mount Adapters and Lens Conversions

### Specialty Mount Adapters

Permits the use of medium format lenses on smaller format cameras. Using only the center or “sweet spot” of your medium format lens, provides optimal sharpness across the film plane.

Precision design and machining assure proper lens-flange to film-plane alignment to ensure continuous focusing from infinity to minimum. Viewing and metering are at stop-down aperture, though TTL and aperture priority metering will function with most cameras.

#### Mount medium format lenses on Digital / 35 SLRs

Mamiya 645.....	\$ 299.00
Hasselblad.....	379.00
Kiev.....	349.00
Pentacon / Exakta 66 / Kiev 66.....	249.00
Pentax 67.....	349.00
T2 adapter ring (anti-reflective black finish).....	79.00

#### Mount medium format lenses on 6x4.5 SLRs

Pentacon 6 to Mamiya 645 (for 50-300mm lenses).....	\$ 299.00
Pentacon 6 to Contax 645.....	299.00
Pentacon 6 to Pentax 645.....	279.00
Hasselblad to Pentax 645.....	399.00
Hasselblad to Contax 645.....	429.00
Hasselblad to Mamiya 645.....	599.00
Pentax 67 to Contax 645.....	459.00

### Cross-System Mount Adapters

Allows the use of lenses from one SLR system on another of the same format. Precision construction means precise alignment of lenses and proper flange to film plane distance. This ensures correct infinity to minimum focus. Diaphragm operation is manual, but TTL metering and aperture priority automation work with most systems.

*Nikon F to EOS.....	\$ 229.00
Leica R to EOS.....	249.00
Contax to EOS.....	249.00
*Nikon F mount to JVC Video.....	389.00

\*works with most manual and AF Nikkors, except for the latest G series, which lack a diaphragm ring. Also available: Contax AE / MM and Leica R to JVC. Inquire for details and pricing.

### Lens Conversions

#### Zörk-Heliars for the Contax G series rangefinder cameras

Zörk has made the spectacular Voigtlander ultra-wide Heliars available for the Contax G series rangefinder camera. The G series is one of the best platforms for these lenses because of the accurate distance finder which helps reduce the guess work of scale focusing.

These conversions go far beyond a simple adaptation: each Zörk-Heliar has a custom machined, precision aligned mount. *This conversion preserves TTL metering functions.* Please specify black or chrome finish. Lens comes with matching viewfinder and hand-cut rear lens cap.

15/4.5 G Mount Heliar.....	CALL
12/5.6 G Mount Heliar.....	CALL



Specialty Mount Adapter - Mamiya to T2 with T mount adapter.



Specialty Mount Adapters for Canon EOS to Contax-Zeiss AE / MM, Leica R, or Nikon mount lenses (shown: Contax-EOS adapter with 21mm Distagon on Canon EOS 1Ds).



Zörk-Heliar lens conversions on Contax G1 and G2

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## Specialty Products

### Lens Conversions (con't)

#### 28 Schneider Tilt

We modify the famous 28/2.8 Schneider PC lens for up to 12° tilt (does not shift - tilt only). Available in the SLR mount of your choice. Please specify). ..... CALL

#### Mamiya lenses

##### For Panorama Shift Adapter

Mamiya 35/3.5 lens with modified filter ring (partially cut away) for Panorama Shift Adapter. Provides additional shift without vignetting, while still allowing threaded filters to mount.

##### For medium format cameras

Mamiya 50/4 PC lens – specially modified for extended shift and/or tilt on Contax 64, Hasselblad (focal plane shutter only), Mamiya 645, Pentax 67, and Pentax 645.

*Special order only. Pricing and availability on request.*



Converted 50/4 Mamiya Shift lens for medium format cameras

### Pinhole sets

Our precision, laser-drilled pinholes provide extreme depth-of-field extension and creative possibilities when used with standard lenses or on the Zörk Multi Focus System, Makroscope, or Mini Makro Mount using enlarger lenses. The set includes a mounting ring and hood. The conversion ring provides a step-up from the 40mm x .5 pitch mounting ring to other filter thread sizes

Pinhole set: 1, 1.5, and 2 mm .....	\$199.00
Conversion ring .....	49.00
Adapter for Makroscope Type I .....	49.00

### Lens Obscura

Experiment with the classic effects of traditional pinhole box cameras using your 35mm or medium format SLR. The Lens Obscura pinholes mount onto the camera body using a T2 adapter ring.

Set: 0.2, 0.3, 05 for 35 / digital cameras .....	\$209.00
Set: 0.2, 0.3, 05 for medium format cameras .....	299.00
T2 mounting ring .....	65.00



Zörk precision Pinholes fit a wide variety of applications (shown here on Mini Makro Mount with enlarger lens). Available for 35 / digital and medium format cameras.

Our Pinhole and Lens Obscura sets are ideal for students of photography wishing to experience the elemental pleasures of image making. Or, use it for unworldly depth-of-field without going to an ultra-wide angle lens. Unlike dedicated pinhole camera, you can vary exposure and depth-of-field simply by changing sizes!

### Ordering and inquiries

We sell direct to the customer in the US in order to provide the highest level of service and support. When you purchase from Zörk US, you pay *only* domestic shipping. You also receive our unrivaled customer and technical support.

Please contact us for compatibility and availability. Since we offer a wide array of options and configurations and produce our products in small batches, our in-stock items in the US are limited. Lead times tend to run 3-6 weeks, depending on the product. Expedite service is available for some products. We welcome your product inquiries. Please give us a call, or drop us a line by email or postal mail!

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