

A logical upgrade  
for projectors.



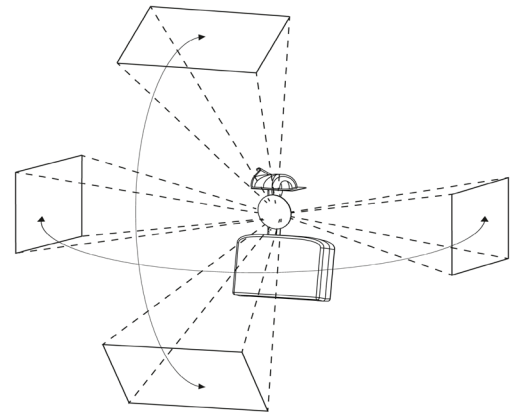
# Mirror Head Optoma ZU920T

Item Number MH13-ZU92L

The Mirror Head is a modern high-tech mirror that is digitally operated and is used as an add-on for projectors. Through its high level of performance, the entire system guarantees highly accurate projection positioning and is a quality product "Made in Austria".

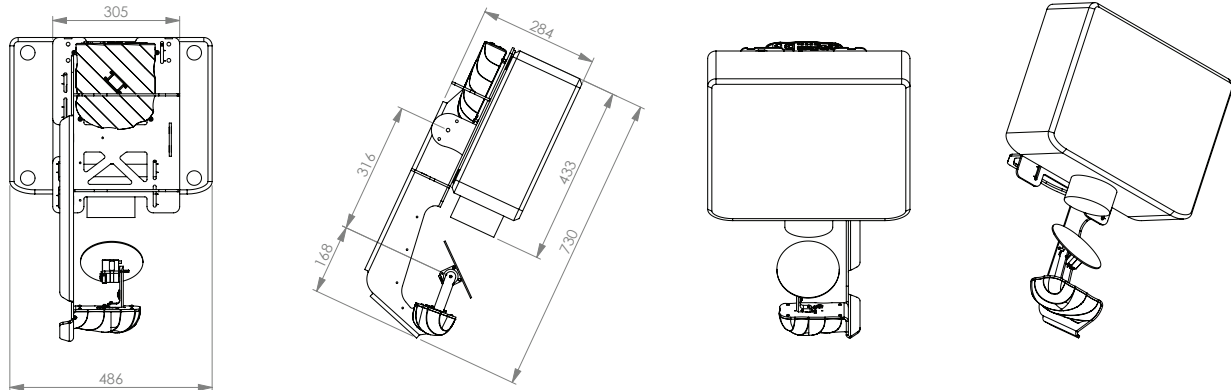
The Dynamic Projection Control Center - DPCC is pre-installed and delivered with each Mirror Head to offer a complete plug-n-play solution to easily start creating dynamic projection shows directly from a web browser and any operating system.

You can use the Mirror Head for a main screen position and in between moments, move the projections around or use other positions. Deflect projections digitally into multiple directions with a single projector. Reach more surfaces and project content across an entire room or any environment. Extend the functionality of video projectors and be flexible when choosing mounting positions.



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## SPECIFICATIONS MIRROR HEAD MH13-ZU92L WITH OPTOMA ZU920T



### MECHANICAL SPECIFICATIONS WITH ZU920T

Fixture dimensions (L / W / D):	486 x 730 x 284 mm
Fixture total weight:	24 kg
Projector weight (without lens):	14 kg
Mirror Head unit only:	10 kg

### ELECTRICAL SPECIFICATIONS

Input Power:	100-240V / 2-1A / 50-60Hz, Max. 10A - 3-pol C14 male socket
Output Power:	AC loop trough for projector 3-pol C13 female socket Max. 8A - cable included

 Caution! There are no user serviceable parts (fuse) inside this unit.

### PROJECTOR COMPATIBILITY

ZU725T	WUXGA (1920 x 1200)	7800 Lumens
ZU820T	WUXGA (1920 x 1200)	8800 Lumens
ZU920T	WUXGA (1920 x 1200)	9800 Lumens

### LENS COMPATIBILITY

Due to optical reasons, we recommend a throw ratio over 1.5:1 to use the maximum movement spectrum of the beam deflection. It is also possible to use a lower throw ratio with certain limitations, such as: Limited mirror movement range, partial image use, spill of image edges, digitally resizing and cropping image.

IMPORTANT NOTE: For information about the specifications, operations and use of the projector please read the instruction manual of the projector.

<https://www.optomaeurope.com/product-details/zu920t>

### OPERATION SPECIFICATIONS / FEATURES

- High resolution 16bit Pan / Tilt mirror movement
- DMX-512 control over 14 DMX channels
- DMX-IN and DMX-OUT / Through port (5-pin male and female XLR connectors)
- At least 5 channels are required to control the unit
- Art-Net™ connection (RJ45) (Art-Net™ designed by and Copyright Artistic License Holdings Ltd.)
- HTTP Control protocol
- High resolution micro step motors with maintenance free direct drive
- Self calibrating mirror position for high accuracy
- Absolute reposition accuracy smaller than 0.03°
- Movement accuracy: Pan and Tilt from the same direction to the programmed point within approximately 0.01°
- RS232 remote control connection for projector (D-sub 9 male) - cable included
- Flash-able firmware (Mini USB OTG)
- Ambient Light LED with high power 3 Colour LEDs (18Watt total).
- LED-Display for easy configuration
- Coated mirror for optimum reflection ~98% refraction factor
- Optimized mirror optics for the specific projector
- Passive cooled system, fanless (excluding projector)
- Environmental tolerances: Ambient operating temperature range: 5° -35°C, Humidity: 20%-80% (non-condensing)
- Mounting plate optimized for specific projector mounting.
- High durability black powder-coating surface finishing.
- Pre-installed DPCC plug-n-play solution to use a Mirror Head directly from a web browser and any operating system
- HTTP Control protocol
- Package includes: RS232 cable, AC-loop through cable, Quick installation guide



To protect the environment,  
please try to recycle the packing  
material as much as possible.

