



# #TheMH16 - Mirror Head 16

## Christie M Series

**#TheMH16 - A tool the industry has been waiting for.** – You can now align and move projection positions and create fascinating shows with 3-chip DLP projectors by Christie M Series, like the HD14K-M.

**Use your projectors to their full potential.** – #TheMH16 is the pair of wings for your projector. Now you can easily move projection positions to reach more surfaces and project bright and colourful content across an entire room.

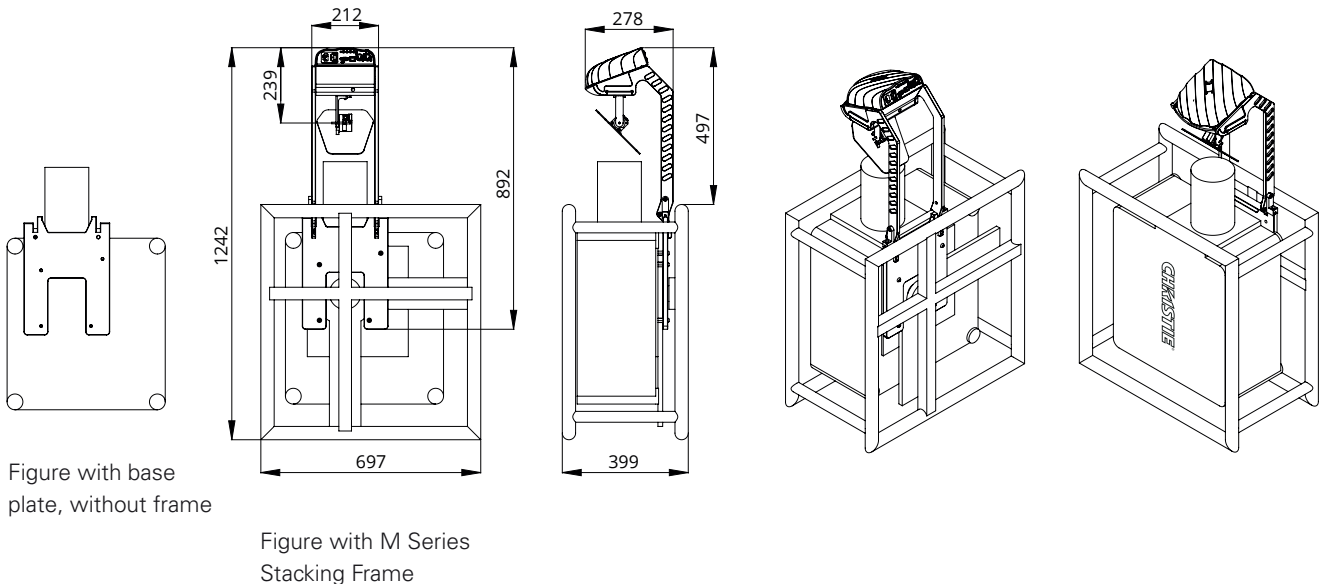
**Optimized for professional show integrators.** – You can easily mount a base plate to any Mirror Head 16 compatible projector. Once mounted, your projector is ready for #TheMH16.

**Ideal for rental and touring.** – #TheMH16 is 100% stack frame compatible with a quick, easy and secure mounting done in less than a minute while you are on the road.

**It is important to note.** – #TheMH16 has been designed and is produced in Austria to ensure a high-level of performance. Dynamic Projection Institute has designed this powerful tool to operate at industry-levels of efficiency and we guarantee accurate projection positioning.



## SPECIFICATIONS MIRROR HEAD 16 WITH CHRISTIE HD14K-M



## MECHANICAL SPECIFICATIONS WITH HD14K-M

Fixture dimensions (W / D / H)	697 x 399 x 1242 mm
Fixture total with M Series Stacking Frame	61 kg
Projector HD14K-M + Lens HD 1.4-1.8/1	31 kg
Mirror Head 16	7 kg
M Series Stacking Frame	23 kg

## PROJECTOR COMPATIBILITY

Christie 3DLP digital projector M Series  
S+10K-M / S+14K-M  
DS+6K-M / DS+10K-M / DS+14K-M  
WX10K-M  
HD6K-M / HD10K-M / HD14K-M  
WU7K-M / WU12K-M / WU14K-M

## ELECTRICAL SPECIFICATIONS

### INPUT POWER

100-240V / 2-1A / 50-60Hz,  
Max. 10A (3-prong C14 male socket)

### POWER CONSUMPTION

Max. 17W  
Standby mode 3W

**IMPORTANT NOTE:** For information about the specifications, operations and use of the projector carefully read the instruction manual of your projector.  
<https://www.christiedigital.com/emea/business/products/projectors/3-chip-dlp/m-series>

**CAUTION:** For the use of closed-type riggings such as half-coupler clamps secure the fixture with a safety cable (or other secondary attachments) that is approved for the weight of the fixture, so that the safety cable will hold the fixture if the primary attachment fails.

## LENS COMPATIBILITY LIST / M Series

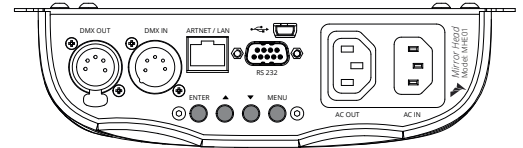
Art.Nr. 118-100 ...	... 110-XX	... 111-XX	... 112-XX	... 113-XX	... 114-XX	... 115-XX	... 116-XX	... 117-XX
T.R.	Lens ILS 0.73 SX + 0.67 HD	Lens ILS 1.25 - 1.6 SX + 1.16 - 1.49 HD	Lens ILS 1.5 - 2.0 SX + 1.4 - 1.8 HD	Lens ILS 2.0 - 2.8 SX + 1.8 - 2.6 HD	Lens ILS 2.8 - 4.5 SX + 2.6 - 4.1 HD	Lens ILS 4.5 - 7.5 SX + 4.1 - 6.9 HD	Lens ILS 7.5 - 11.2 SX + 6.9 - 10.4 HD	Lens ILS 1.2 SX + 1.1 HD
MH16	-	-	X	X	X	X	X	-

Due to optical reasons we do not recommend this lenses below a throw ratio of 1.6.

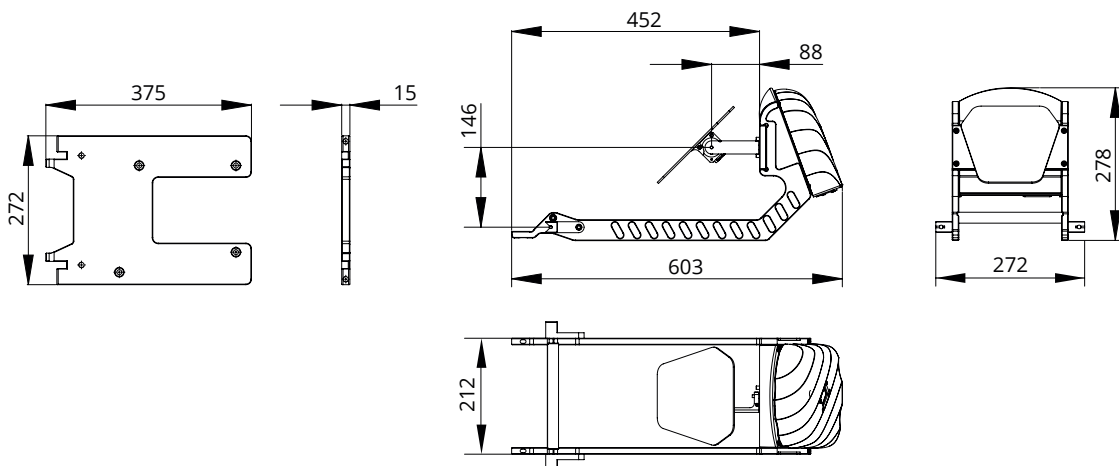
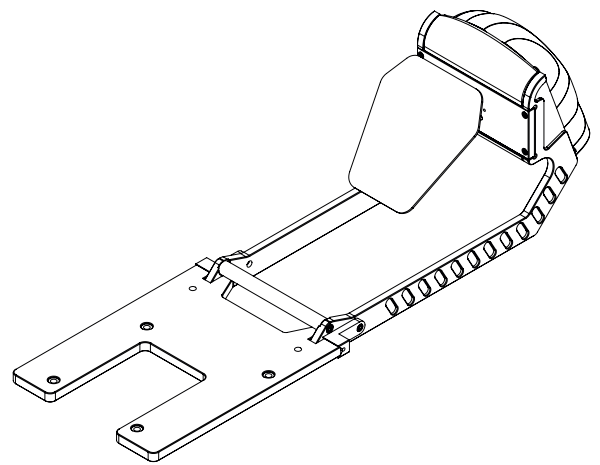


## MIRROR HEAD SPECIFICATIONS / FEATURES

- 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)
- 14 DMX channels are required to control the unit
- Art-Net™ connection (RJ45) (Art-Net™ designed by and Copyright Artistic License Holdings Ltd.)
- 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)
- High resolution LED-Display for easy configuration
- LED-Display back-light auto turn off for energy saving
- LED-Display Flip / Flop mode for easy reading in difficult positions
- Coated mirror for optimum reflection ~98% refraction factor
- Optimized mirror optics for the specific projector
- Passive cooled system (excluding projector)
- Environmental tolerances: Ambient operating temperature range: 5°–35°C, Humidity: 20%–80% (non-condensing)
- Quick, secure and easy snap-in mounting
- Anodized light metal construction



Control unit / MHE01



## ITEM NUMBER: MH16

- Package dimensions (W / D / H): 650 x 380 x 370 mm
- Package weight: 10 kg
- Package includes: Manual, Mirror Head unit, RS232 cable, A/C power cable, Mounting screws and spacers, Loctite screw lock, Metric Hex key 2 mm and 5 mm



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

