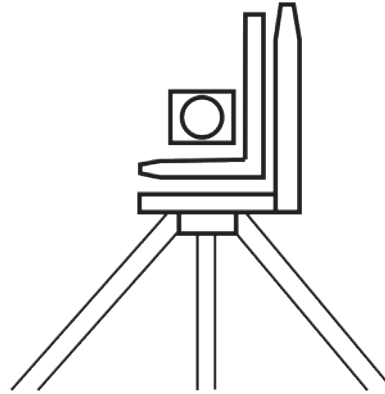


ULTI-HEAD

The ULTI-HEAD is a high-speed head with frame-accurate repeatability. The head can be tripod or crane mounted, over or underslung and has no problem handling camera packages up to 35kg.

It can be used as a stand alone system with handwheels, controlled by the MSA20 or with the motion control software FLAIR.



Access/set up

The ULTI HEAD weighs around 25kg.

It can be used as part of a motion control system like the PANTHER or MODULA, it can be mounted on a dolly or as a stand alone system with the MSA20 or controlled by the flair software. Set up time for the ULTI-HEAD alone takes approximately 30 min.

The ULTI-HEAD and its equipment can be delivered in a normal car or in a 3.5t Sprinter van, if part of the MODULA or PANTHER rig.

Power supply

Single phase 110-240 Volts,50-60 Hz, 16 Amp
Generator: 4 KVA

Rig fixing

The ULTI-HEAD is equipped with a Mitchell mount and can be used on a tripod, dolly or crane.

Mounting cameras/lenses

The ULTI-HEAD has a standard configuration with Pan/Tilt axes. It takes cameras up to 35kg.

Special control cables are available to provide sync at different frame rates to ARRI Alexa, RED and PHANTOM camera models when used with the flair software.

The lenses are fitted with motion controlled focus/zoom/iris motors and run by flair.

Triggers/SFX timing

The ULTI-HEAD can trigger external devices such as solenoids, cylinders, motorized SFX systems via relays. This allows SFX timing to be connected to/triggered by the ULTI-HEAD with the flair software.

Restrictions

The ULTI-HAED is not rain-proof since the electronics are built into the ULTI-HEAD directly. In such cases, the ULTI-HEAD can be shut down without losing any shoot data and covered on the spot until the rain has stopped. During light rain it is still possible to shoot if the ULTI-HEAD is partially covered.

Extras

The ULTI-HEAD can be used as part of the MODULA or PANTHER system.

Mimic controls in the form of hand wheels or pan bars enable real time learning of movements and can be used by a normal film crew under the supervision of a motion control operator.

Remote controls for focus and zoom are available.

There are also additional motors or turntables available that can be used as an integrated part of the system. Further devices for externally controlling timing of SFX, custom pneumatic or motorized rigs, sliders and model movers can be provided on request. Connections or integration should be discussed before the shoot.

Specifications

Operating envelope

Maximum height	variable based on tripod/rig height
Lowest position	variable based on tripod/rig height

Rig performance

Axis	Range of travel	Maximum speeds
Pan	unlimited	120 degrees per sec
Tilt	unlimited	120 degrees per sec



We reserve the right to change these specifications without notice. Spec dimensions dependent on type and size of camera used on the rig.