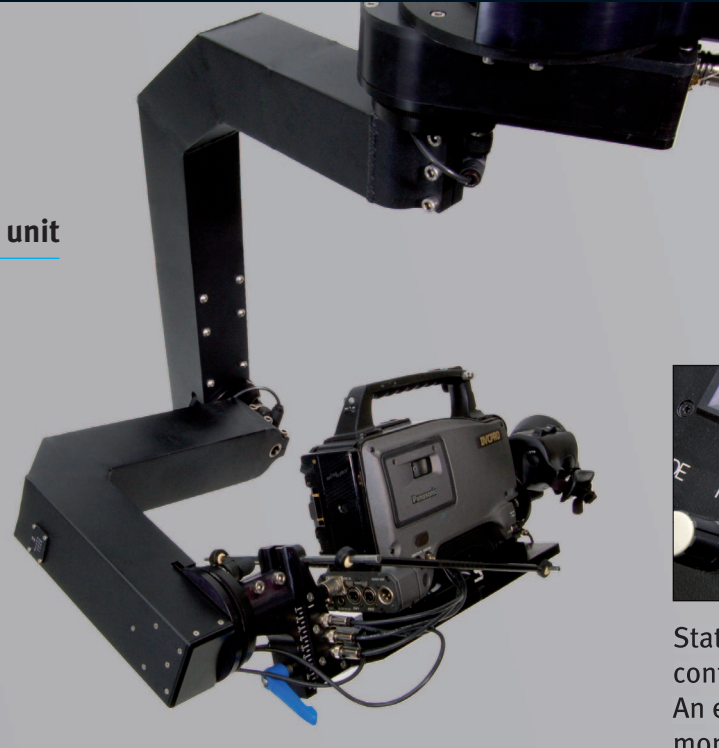


Control unit



Status display on the TRIXY control unit:
An electronic voltage control monitors the operating voltage.

Technical data

Material:	Aluminum, black anodize, powder-coated stainless steel
Weight*:	6.5 kg / 14 lbs
Carrying capacity:	15 kg / 33 lbs
Number of axes:	3 - pan, tilt and roll (OPTION)
Distribution voltage:	12 V - 20 V DC
Max. speed:	3 sec / revolution
Min. speed:	30 min / revolution
Lens control:	Zoom, focus and iris
Menu functions per axis:	Speed, ramp, direction
Moisture proofing:	IP 52

* Pan-Tilt-Version

Flyer TRIXY Remote Head | E | 08.2007



- lightweight and economical
- completely digital
- slip rings for all three axes
- one single supply cable
- manufacturer independant lens control

The new TRIXY remote system is a real jack of all trades.
With up to three axes, cameras can be moved in every conceivable direction. Slip rings enable unlimited freedom of movement. Special motors and backlash-free gears work precisely, quietly and dynamically. TRIXY is designed for the mounting of film and video cameras weighing up to 15 kg/33lbs. The lens control designed for most common lens brands guarantees the connection of video and film lenses to the zoom, focus and iris controls.



TRIXY Remote Head

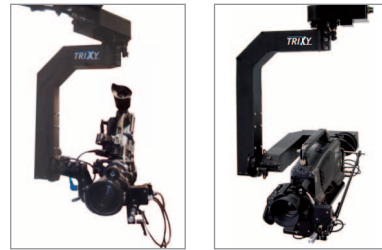
Freedom of movement.

PANTHER GmbH
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contact@panther.tv | www.panther.tv



Operating the TRIXY Remote Head

3 Axes

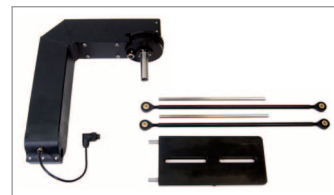


2 axes

3 axes

The TRIXY Remote Head has up to three movement directions. The third axis can be retroactively added as an option.

The same claim thereby applies for each movement axis: precision, quiet running and absolute freedom of movement without „cable spaghetti“ as a result of too many movements in one direction.



Control system



zoom handle



CPU box

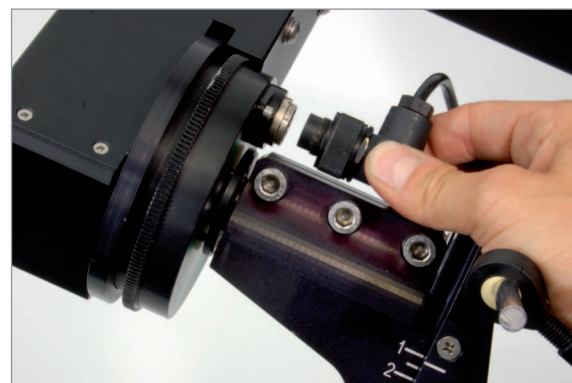
Control takes place via rear crane operation with two handles. The handles are fastened with a specially formed operating rod onto, for example, the PIXY Crane system. The control console and the monitor can be mounted within comfortable reach.

Panther also offers a panel cabinet. This enables operation separate from the crane.



Assembly

Intuitive and tool-free assembly ensures fast and practical work. All cable connections can be connected without mixing them up. Mechanical adjustment is very easy using ergonomic clamp grips.



Motor

Stepper motors equipped with high-resolution shaft encoders enable precise control of speed and torque.

Digital motor controllers ensure synchronized running and high dynamism. The multistage gears are protected by a sliding clutch.



stepper motor with multistage gears



digital motor controlling

Slip rings



slip rings for unlimited movement

New developed and extremely flat slip rings allow unrestricted freedom of movement in all axes.

In addition to the digital control signals (CAN-Bus), the video signal and the power supply of the camera are also slipped through without loss.

Lens control



External lens motors developed by Panther are used for controlling the lenses. Measuring starts immediately after switching on.

Due to an intelligent and extremely flexible layout of the lens motors, practically any configuration can be realized.

The motors can be adapted to any common lens type with exchangeable, tool-free gear wheels.

