

Gyro Head G4 System



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In cooperation with Gyro Motion, Grip Factory Munich is proud to present the new Gyro Head, G4 System.

The latest 4 axis, digital, gyro stabilized remote head system.

The Gyro Head is the result of many years of experience in the design of gyro stabilized camera systems coupled with the in-field experience of working DOP's and remote head operators.

Technical Specifications:

| | |
|-----------------------------------|------------------------------------|
| Angular speed: | 200°/sec for all axes |
| Rotational range: | |
| pan | ±540° |
| roll | ± 45° |
| tilt | 270° |
| Pan, tilt stabilization accuracy: | < 1 arc min |
| Weight: | 30 kg (depending on configuration) |
| Dimensions: | 460 mm x 760 mm x 800 mm |
| Maximum payload: | 30 kg |
| Mounting base: | standard Mitchell |
| Set up time: | 30 min |

Features:

- unique 4 axes open frame carbon design
- 4th axis direct drive motor provides superior pan stabilization accuracy even under high shock disturbances
- tilt axis control algorithm with external disturbance observer provides excellent stabilization accuracy without "stick-slip" error
- superior roll and tilt stability under high dynamic vehicle maneuvers
- very low drift on pan and tilt axes, roll axis zero drift, gyros offset auto adjustment
- "idle" mode for changing cameras or lenses without head power off
- self diagnostic system informs operator in case of faults and errors
- non balance motor protection

Control panel:

- available control types: joysticks, hand wheels, panbar
- axes position indication
- programmable rotational limits
- head auto return to preset position
- all sensors status indication
- each axis can be fully adjusted from control panel

Lens control system:

- compatible with "Heden" 24V motors and all TV zoom, focus lenses
- external motors status indication
- zoom and focus value indication by premarked points
- pan and tilt axes speed variation depending on current zoom value (zoom speed compensation)



Hand wheel control



Joystick control



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Gyro Head on Set



Gyro Head with Maxi Shock Absorber and ISO Dampener



Gyro Head with Maxi Shock Absorber



Gyro Head with Mini Shock Absorber



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