



Mark Roberts Motion Control

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SFH-30: The Creative's Mini-Head

The SFH-30 pan tilt head has been designed to provide precision, accuracy and versatility not found in similar sized heads, making it suitable for a wide range of applications including live action, events, sports broadcasting, stop-frame animation and time-lapse photography.

The SFH-30 is precise enough to be completely pixel accurate with HD cameras yet compact and lightweight for ease of use and transportation to any location. It is a fast-moving head but also easily capable of macro filming. Its robust design accommodates a wide range of cameras and lenses with a maximum payload of over 13kg. With simple to use controllers for every application (iPhone apps, Joystick Console, Pan Bars, Handwheels, Flair programming software) your attention is free to create and get that perfect shot.

» Benefits

- Low Cost
- High precision
- Compact and Lightweight
- Ideal for DSLR and HD cameras
- Handles +13kg payload comfortably
- Works over or under-slung
- Additional axes available: Track, zoom, focus, lift
- Camera synchronization and camera triggering
- Battery or AC power
- Can work using RS232, RS422, Ethernet, Fibre or Wireless

» Applications

- Live Action
- Sports Events
- Broadcasting
- Sports and Event Photography
- Stop Frame Animation
- Macro Filming/Photography
- Time-Lapse photography
- Reality TV
- Commercials
- 3D Stereoscopic Filming



SFH-30 with track monorail

The monorail is a lightweight aluminium ultra-strong ball-bearing rail. Its slender design allows the track to be used in very narrow spaces with excellent accuracy. The track can be used horizontally, over-slung or under-slung (hanging from a ceiling) or even at angles to give some lift. The monorail is fitted with levelling adjustable feet for use directly on a floor or table top or the unit can be mounted onto adjustable tripods. Each section is typically 2-3 metres long but as many sections as required can be joined.



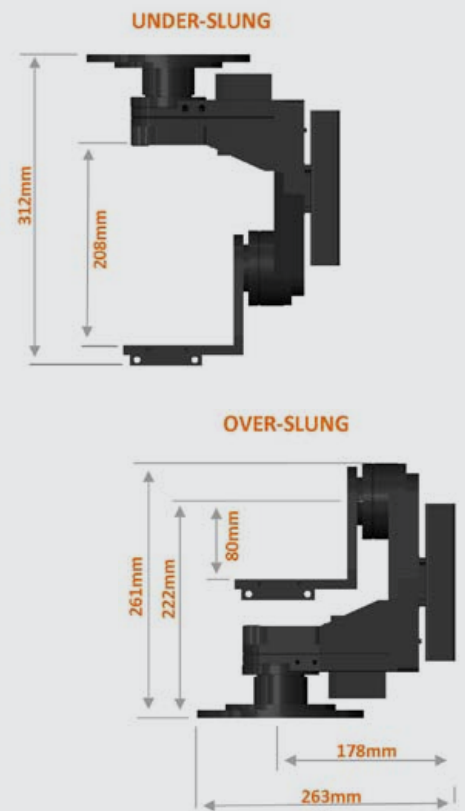
SFH-30 controller options

The SFH-30 has a wide range of controllers, the right controls for the job depends on user preference and the application. For live action, sports and broadcasting, the head can be used as a remote and repeat head with Pan Bars, Joystick or the Handwheels. For time-lapse and simple stop-frame animation, Aeon software can operate the head from an iPhone or iPad. For the complete motion control bag of tricks, including applications for virtual studios and creating complex timed motion control moves there is the Flair software system.



» Technical Specifications

Weight	5kg
Camera Payload	+13kg
Maximum speeds	100°/sec (optional)
Acceleration	100°/sec ²
Dimensions	261x263x135mm
Supply voltage	24 volts/110-240 volts AC
Accuracy	<0.01°
Resolution	<0.0001°



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Since 1966 MRMC has continually set new standards in the industry and are the world leader in the design and manufacture of motion control technology. Winners of an Academy Award for Technical & Engineering Achievement.

