



# STAB-C COMPACT

A lighter, 5-Axis stabilised version of the Stab-C remote head is a system eliminates adverse motion artifacts from pan, tilt and roll. This completely silent system allows a large range of cameras, from UHD to full size 35mm film cameras. It can be used on many types of camera cranes, camera cars, cable supports, descender rigs, telescopic cranes, and helicopters producing stable images throughout a typical 25-500mm (35mm spherical lens) zoom range.

Fully operational in the sitting or hanging mode, STAB-C COMPACT is able to point straight down\*, and features adjustable side arms to accommodate many size payloads. The STAB-C COMPACT and all its features are fully controllable via our Advanced Data Link, which can allow the head and control desk to be miles apart. Our Advanced Data Link fully integrates with any microwave, laser, RF, IR, or other communication relay systems on the market.

This system has encoders on each of its axes to export gimbal coordinates and metadata for visual effects requirements. The utmost in creativity can be attained with the STAB-C COMPACT because the roll axis is fully controllable & manoeuvrable, yet stabilized. It also features Dutch/Tilt compensated steering for operator ease and perfect shots. This system has been engineered to be fully operational in -30° F freezing weather to sweltering 120° F temperatures in the harshest of climates. In each of these extreme cases the Stab-C COMPACT system has worked perfectly, surpassing expectations every time.

## ◇ Cable Rigs ◇ Descender Rigs ◇ Cranes ◇ Boats ◇ Camera Cars ◇ Helicopters

Wired to accept Panavision, Arri, Moviecam, Iwerks 870, Mitchell R35 MKII, Paramount Vistavision, All Hi-Def and broadcast cameras. Wireless Option available. • with tilt wedge plates

### System Specifications:

Gyro-Stabilisation:	5 Axis high bandwidth full stabilisation – Type 'A'	
Operational Ranges:	<b>Pan</b>	360° Continuous ◇ 0–120°/sec
	<b>Tilt</b>	123° ◇ 60° /sec
	<b>Roll</b>	±40° Max; Steerable or Auto Level ◇ 0–60° / sec
System Orientation:	Hanging or Sitting	
Max Lens Stabilised*:	25–500mm 35mm Film lens (Standard)	
	10–1440mm Video lens (Advanced)	
Environmental:	–30°c to +45°c (–22°F to 120°F) Sealed for rain (Environmental dome also available)	
Max. Payload Weight:	25Kg (55 Lbs)	
Max. Payload Size:	286mm W x 430mm H x 860mm L (11.25" x 17" x 34")	
System Weight:	36Kg (80 Lbs) 38.5Kg (85 Lbs) for helicopter work – no covers	
Power Requirement:	24–28 Vdc (3Amp Standby/ 15Amp dynamic Max)	
Back Pan Correction:	Automatic/Manual Selectable ◇ Automatic Targeted Tracking	
Operator Controls:	Wheels or Joystick	
Lens Control:	Preston FI+Z , Panavision, Arri, Scorpio	
Setup Time:	1 Hr approx. HFS Technician required	

\* Measured under optimal conditions. Actual results may vary.

