



cPRO motor



General description:

The cPRO motor is a brand new super fast RF motor based on the popular and compact cforce mini. Incorporating the wireless module into the motor eliminates the need for a big bulky motor box which helps reduce both weight and cost.

Through the LBUS connector, 3 additional cforce motors can be connected in daisy-chain for a full 3 axis system + one optional auxiliary axis. The new CAM connector provides a versatile interface for power supply, run/stop control, camera feedback*, tally* and camera control** for popular cameras including ARRI, RED, SONY, CANON, BLACKMAGIC and PANAVISION.

The cPRO motor is compatible with cmotion's new cPRO and cPRO ONE hand unit. Two buttons on the motor enable channel selection (14 channels), scale settings, motor calibration, system information, display flip and factory reset.

*Not available on all cameras

**Available for selected ARRI, RED and SONY cameras – optional license required.

weight	211g (< 7 1/2 oz) incl. antenna, gear and motor clamp
length	31,1 mm (approx. 1 1/2 inches) without antenna
width	78mm (approx. 3 inches) without antenna
height	120,9mm (approx. 4 3/4 inches) with gear
compatible fastening tools	CLM-5 / cforce mini / cPRO motor Clamp Console 19/15 mm
teeth per second (with 0.8mm / 40 teeth gear and standard torque lenses)	240 teeth/s (6 R/s) (all with gear m0.8, 40t)
torque	0.25 Nm (0.3 Nm peak)
power consumption of motor	max. 2 - 6 A
power supply	10.5 - 35 V
temperature range	-20 to +50° C (-4 to +122° F)
wireless frequency	2.4 Ghz
wireless range	depending on region setting 700 - 1.000 meters (2,296 - 3,280 feet)
wireless channels	14 channels (cmotion red RF)
software update	through cPRO / cPRO ONE hand unit, cworld
general settings (troque, speed, ramp, direction)	through cPRO hand unit
connectors	1x Le 4p (LBUS) 1x Le (5+2)p (CAM)
buttons	2
button functions	RF channel selection scale selection motor calibration system information display flip factory reset
max. motor control	4 (including cPRO motor) + Cinefade VariND
compatible motors	cforce / cforce mini / cforce plus / Cinefade VariND
compatible components	LBUS devices (steady zoom, pan-bar zoom, cfinder III, LCUBE, Master Grips)

