

Quadralite Atlas 600 Pro TTL

This exceptionally versatile and efficient studio flash is able to deliver lighting fast recycling times and stable output throughout the entire output range. Equipped with accurate and reliable TTL mode, this unit can be successfully used when lighting conditions are changing rapidly. The built-in Navigator X receiver allows full wireless control and triggering up to 100m. High Speed Sync is also available (up to 1/8000s). The Atlas 600 Pro TTL stands out for its high color consistency throughout entire power output range. When high color accuracy is needed, the photographer can activate a specially designed Color Priority Mode. In this way, whatever power output is set, the flash can be triggered with the highest possible accuracy. White balance fluctuations in this mode will not exceed $\pm 75K$. In standard mode white balance is rated as 5600 $\pm 200K$. The Flash is able to emit long bursts of precisely controlled light in both Color Mode and High-Speed Sync. When set at the maximum power, the Atlas 600 Pro TTL is ready to be triggered again after just 0.9s! Atlas Pro can also be used to freeze motion of fast moving objects. It allows you to capture liquid splashes, running children or martial arts masters during training. The flash can go down to 1/10100s (at 1/256, t0.1) which is more than you need in most cases* New flashtube design provides the best light quality and allows to use full potential of every light modifier. The tube is protected by a glass dome, equipped with a frosted front surface for even light distribution. Moreover the flashtube can be changed easily and no additional tools are required to do so.

Atlas 600 Pro TTL is equipped with a highly efficient and powerful modeling light utilizing LED light source. This 38W chip is an equivalent of approx 500W halogen bulb without its drawbacks such as high operating temperature or warm colors.

Atlas 600 Pro TTL is powered by high capacity Li-ion battery unit. This 2.6Ah powerpack is sufficient enough to deliver up to 370 full power flashes. One battery is supplied in the kit and can be easily changed when depleted. Unit can be fully charged in less than 3h thanks to specified charger (included in the kit).

The Atlas 600 Pro TTL is equipped with newly designed 5" silver reflector which is compact and delivers wide and even light coverage. However the reflector can be replaced by one from the wide selection of light modifiers supplied by Quadralite or other manufacturers. You can modify the light according to your needs thanks to a wide assortment of softboxes, reflectors, beauty-dishes, snoots, umbrellas etc. The flash can be also used with additional accessories such as Atlas Pro FH600 flash head and Atlas Pro AC Adapter (those products are not included).

The flash housing is made of high quality plastic. A large back-lit LCD screen is easy to read even under strong ambient light. The light modifier bayonet and tripod mount are both made of metal to ensure durability. Tripod mount clamp allows smooth and precise tilt adjustments and is strong enough to withstand heavy loads. This flash can be used even with the Quadralite Parabolic Octa 150cm softbox.

Atlas 600 Pro TTL features:

- Compatible with Canon/Nikon/Sony/Olympus/Fujifilm cameras**
- Integrated Quadralite Navigator X receiver for full wireless flash control**
- Maximum flash output of 600Ws
- GN of 87m (ISO100) with Standard 18cm Reflector attached
- TTL (automatic), Manual and Multi flash modes available for ease of use and full control
- Flexible and precise flash energy adjustment within 8 f-stops from 1/1 to 1/256 in 25 steps
- Colour temperature consistency through the entire output range (5600K \pm 75K) in Stable Color Mode
- Lightning fast recycling times 0.01-0.9s
- Power supply ensured by exchangeable 28.8V/2.6Ah lithium-ion PowerPack
- Up to 370 full-power flashes per one single charge
- High-Speed Sync up to 1/8000s** for easy on-location shooting
- Extremely flash duration of 1/10100s (t0.1, @1/256)
- 38W LED modeling light can be used in a proportional or manual mode
- Equipped with optical slave and standard sync socket (Jack 3.5mm)
- An option to work with additional Atlas Pro flash head (sold separately)
- Active cooling (integrated fan)
- Easy to read hi-contrast LCD screen filled with all major settings
- Supplied with slick and compact reflector
- Compatible with the Bowens type mount light modifiers



Product card



- Light and compact hi-quality plastic housing
- Solid all-metal smooth action tripod mount for high durability

Specification

Model	Quadralite Atlas 600 Pro TTL	
Product type	Battery powered, TTL&HSS-capable studio flash	
Compatible with	Canon, Nikon, Sony, Fujifilm, Olympus and Panasonic**	
Flash		
Max energy output	600 Ws	
Guide Number	87 m (@1/1, ISO100, Atlas Pro reflector)	
F-stop	@ 2 m, 1/1, ISO100, Atlas Pro reflector	F/32 2/3
Color Temperature	standard mode	5600 K ± 200 K
	color priority mode	5600 K ± 75 K
Energy range	8 f-stops in 1/3 step increments 1/1 ~ 1/256 (600 ~ 2.5 Ws)	
Max recycle time	0.9 s	
Flash Modes	TTL/M/Multi**	
High Speed Sync	up to 1/8000 s**	
Flash Duration t0.1	standard mode	1/220 s @ 1/1 1/10100 s @1/256
	color priority mode	1/220 s @ 1/1 1/5840 s @1/256
Stroboscopic Flash (Multi)	up to 100 flashes, 100Hz	
Modeling light		
Type	LED	
Max power	38 W	
Color Temperature	4800 K	
CRI/TLCI	90/93	
Wireless control and communication		
Navigator X receiver	Built-in	
Mode	Slave/OFF	
Channels	32	
Groups	5 (A, B, C, D, E)	
Powering		
Power source	Atlas Pro PowerPack (Lithium-ion, 28.8 V / 2.6 Ah)	
Battery capacity	approx. 370 full power flashes	
Miscellaneous		
Sync socket	3.5mm Jack	
Slave cell	Yes	
Cooling	Fan and passive heatsink	
Firmware upgrade	Yes (via USB-C Port)	
Ready indicator	Visual and sound signal	
Display	Dot-matrix hi-contrast LCD	
Operating temperature range	+10°C to +0°C	
Dimensions		
Length x Height x Width	205x155x130 mm (flashtube and reflector not included)	
Weight	2.5 kg (battery, flashtube and reflector not included)	

* if you want a flash with even shorter flash duration look for Quadralite Pulse Pro X.

** you are required to use a proper Quadralite Navigator X controller to ensure full compatibility with a given camera model. Detailed information has been provided in the flash manual.



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Warranty: 2 years

Kit includes:

- Quadralite Atlas 600 Pro TTL flash
- Flashtube
- Atlas Pro PowerPack
- Charger
- Atlas Pro 5" Silver Reflector
- Instruction manual