

EXPERT Pro PLUS 500

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Why do some things work better than others? Why is it that you don't need a user manual to find out how exactly everything works? And why do your fingers find the right switch without hesitation, even in total darkness? In our case, the answer is easy: it is the result of over three decades of compact flash design, the R&D efforts of an experienced team of engineers and our openness to the needs of our customers. A particular highlight of this series is a built-in radio receiver providing not only remote triggering but also power and modeling light control. The radio trigger system is technically identical to the one used in the Party Premium AS/RC. A single transmitter is sufficient for all units! An extremely solid lightweight extruded aluminium casing protects the sophisticated electronics even in the toughest conditions. The shifting pan-tilt support with gravitational balancing is also made of metal. Its novel fixing mechanism holds the heaviest accessories firmly in place. The reflector mounting has been improved. Massive metal guides make reflector positioning easier, while protecting the flash tube area. Flash power can be adjusted in a range of 6 f-stops in 1/10 f-stop increments. The selected power level is indicated on a large display.

- +Radio-controllable
- +Front panel with active lighting
- +Automatic energy-saving mode for modeling light
- +Extruded aluminium housing
- +Improved reflector mounting
- +Shifting pan-tilt support

Buttons with active back-lighting ensure easy and secure operation even in total darkness. The switchable, highly sensitive photocell is identical to the one used in the TRIA power packs. A number of other proven features have been taken over (and many of them improved) from earlier EXPERT and Contra models. Besides compatibility with existing accessories, this kind of continuity ensures a consistent concept of operation. The units have a 300 W modeling light. Our smart modeling light goes far beyond conventional full and proportional power operation! An electronic system continuously monitors the unit's operation, ensuring that after an adjustable idle time (5 - 90 min) modeling light power is reduced to a preset value. As soon as the unit is reactivated, the previous value is restored. While this innovation sounds less than spectacular, it prevents unnecessary heat built-up and, more importantly, it multiplies the life span of the modeling lamp. The plug-in flash tubes are protected by an



additional dome guard. Short flash durations, excellent light efficiency and recharge times as low as 0.4 s are further important characteristics. This series goes considerably beyond what is immediately evident by the list of its features. Only after touching these units, operating them and working with them is it possible to fully appreciate our immense experience.

Flash power: 500 J
Fully digitally controlled over 6 f
Modeling lamp max.300W, FULL/ OFF/ PROP/ RED
Sturdy full metal housing, Tilt Head and Plug-in flashtube with built-in Radio Receiver, illuminated Front Panel and shiftable Tilting Head

Data sheet

Stored energy:	500 J
Recharging up to 1/1:	2,2 s
Recharging up to 1/16:	0,5 s
Flash Duration t 0,5 (1/1 Energy):	1/1600 s
Flash Duration t 0,1 (1/1 Energy):	1/500 s
Aperture at 1m (2m), 100 ASA, t 1/60:	f 64,7 (f32,7)**
Power control flash:	in 1/10 f: 6f
Output adjustment modeling light:	off/ full/ proportional/autoreduction
Modeling Lamp:	300 W/G 6,35
Remote control:	Radio control, power, adj. mod. lamp, syn.
Measurements, L x W x H:	33 x 15 x 23 cm
Weight:	2,87 kg
Plug-in Flash Tube:	