



## Integra 500 Plus

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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 the built-in radio receiver Strobe Wizard Plus with freemask, providing not only remote triggering but also power and modeling light control. The radio trigger system is technically identical to the one used in units like Porty L, Nova D and Expert D. A single transmitter is sufficient for all units!

An extremely solid lightweight extruded aluminum housing protects the sophisticated electronics even in the toughest conditions. The shifting pan-tilt support with gravitational balancing is also made of metal. Its 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-stops in 1/10 f-stop increments. The selected power level is indicated on a large display. 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 time (5-90 min), the 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.

All highlights at a glance:

- + Multivoltage (110-240 V)
- + Flash power: 500 J
- + Fully digitally controlled over 6 f-stops
- + Modeling lamp: Full / Off / Proportional / Autoreduction, max. 300 W halogen
- + Radio controllable (Strobe Wizard Plus and freemask)
- + Front panel with active lighting
- + Automatic energy-saving mode for modeling light
- + Sturdy aluminum housing
- + Improved reflector mounting
- + Shifting pan-tilt support
- + Pluggable flash tube

#### Technical data

|   |                               |
|---|-------------------------------|
| Rated energy:   | 500 J                         |
| Aperture at 1m distance (2m),<br>100 ASA, t 1/60, 12" reflector*: | 64 9/10 (32 8/10)             |
| Modeling lamp:  | 300 W / G 6,35                |
| Recycling time, min. power:                                       | 0,5 s                         |
| Recycling time, max. power:                                       | 1,93 s                        |
| Shortest flash duration, t 0,5:                                   | 1/1.262 s                     |
| Shortest flash duration, t 0,1:                                   | 1/470 s                       |
| Power adjustment in 1/10 f:                                       | 6 f                           |
| Modeling light adjustment:  | off / full / prop / autored   |
| Built-in radio receivers:   | Strobe Wizard Plus / freemask |
| Weight:   | 2,87 kg                       |
| Dimensions (LxWxH):   | 33 x 15 x 23 cm               |

\* Measured values with 12" reflector (Code no. 9601) for Expert/EH series

Technical data are subject to change. The listed values are guide values and should not be understood as binding in a legal sense. The values can differ due to tolerances in used components. Values attained at 230 V / 50 Hz voltage. Date of revision: August 2011