Product designation

Senso A2   Article no. 31.050.XX

Product description

Microprocessor-controlled power pack with 3 lamp outlets which are controlled over 2 channels (outlet I and outlets II / III). Flash energy 1200 J. Individual (asymmetrical) power distribution. Maximum control range: over 6.5 f-stops in whole or 1/10 intervals. Output display switchable from f-stops to joules or wattseconds respectively. Very high repetitive precision. Automatic stabilisation of the colour temperature over 3 f-stops within a tolerance of +/- 100 K. Internal discharge when the power is reduced. Selectable slow charge mode. Integrated RFS 2 interface (**R**adio **F**requency **S**ystem 2) for flash triggering via radio from the RFS 2 transmitter. Simplified programming of the studio and unit addresses. Photocell for flash triggering can be switched off. Front panel with illuminated silicone keyboard resistant to scratches and dust, LED displays. Modelling light with 2 different proportionality levels (full/prop). Visual and audible flash monitor. Bright ready display and buzzer (may be switched off). Fan cooling for long flash sequences and thermal protection. Memory function (the entered data are retained should the unit be switched off or in case of a power cut). Robust aluminium housing, side walls with hard rubber components. Manual adaptation to the respective mains voltage by means of a slide switch. Compatible with all broncolor lamps later than 1972.

Scope of delivery

Power pack, mains cable, operating instruction manual, dust cover.

Technical Data

Flash energy	1200 J
F-stops at a distance of 2 m (6 ½ ft), 100 ISO, Litos lamp and Litos reflector	32 1/10
F-stop at a distance of 2 m (6 ½ ft), 100 ISO, Litos lamp and P70	45 8/10
F-stop at a distance of 2 m (6 ½ ft), 100 ISO, Pulso G lamp and P70	45 7/10
Flash duration t 0.1 (t 0.5)	**Litos:** 1200 J: 1/180 s (1/600 s) 600 J: 1/360 s (1/1200 s)

Flash duration t 0.1 (t 0.5)	**Pulso G / Unilite:** 1200 J: 1/100 s (1/300 s) 600 J: 1/200 s (1/600 s)
Charging time (for 100 % of selected energy)	0.4 - 1.5 s (200-240 V) 0.4 - 1.5 s (110-120 V) 0.5 - 1.9 s (900 J, 100 V)
Ready display	Visual and audible (can be switched off), signals when 100% of selected energy is reached
Number of lamp outlets	3
Power distribution	2 channels with optionally symmetric or asymmetric power distribution in full f-stops or 1/10 intervals (max. 5 f-stops)
Control range of flash energy	6.5 f-stops or. 13 J - 1200 J (1 lamp) with active symmetry switch
Control elements	Illuminated silicone keyboard, resistant to dust and scratches. 2 LED output displays switchable from f-stops to joules (wattseconds)
Modelling light	100 - 240 V: halogen max. 3 x 300 W (Litos) 200 - 240 V: halogen max. 3 x 650 W (Pulso G / Unilite) Proportional to flash energy and full power
Additional functions	- Large visual ready display - Simplified programming of the studio and unit addresses
Flash release	Manual release button, photocell (may be switched off), synchronous cable, RFS 2

Radio	- 99 studio addresses and 99 unit addresses for selective
	  grouping of several power packs with RFS 2 system
	  (2.4 GHz)
	- Operating distance outdoors up to 200 m / 656 ft; in
	  closed rooms up to 50 m / 164 ft
	- 40 selectable frequency channels for interference
	  reduction

Number of sync sockets	1
Dimensions (L x W x H) without handle	203 x 148 x 218 mm / 8 x 5.8 x 8.6 inch
Weight	4.600 kg / 10.1 lbs
Stabilized flash voltage	+/- 1 %
Power requirements	200-240 V / 50 Hz: 10 A 110-120 V / 50-60 Hz: 16 A 100 V / 50 Hz: 16 A Adaptation to the respective mains voltage by means of a slide switch
Standards	EN 60065/A1, EN 55014, EN 300 220-1/-3, EN 50371, EN 60950, EN 301 489-1/-3, according to EC guidelines 2006/95, 2004/108

Special features

- Lamp detection
- Clearly arranged front panel with 2 illuminated LED output displays
- Integrated RFS 2 receiver
- Compact design and lightweight
- Robust housing with rubber panels

Compatibility

All the broncolor lamps are electrically compatible with the Senso A power packs. The most popular lamps such as the Pulso and Unilite range, as well as the Ringflash C and P can be used without restrictions with the Senso A power packs.
To achieve a shortest possible flash duration, it is recommended to use the Litos lamps.

Accessories

Transmitter RFS 2	Art. no. 36.133.00
Litos lamp	Art. no. 32.030.XX
Extension cable 5 m (16 ft)	Art. no. 34.151.00
Extension cable 10 m (32 ft)	Art. no. 34.152.00
Synchronous cable 5 m (16 ft)	Art. no. 34.111.00
Synchronous cable 10 m (32 ft)	Art. no. 34.112.00

Application

All working fields of professional flash light photography, especially for photographic beginners as well as experienced professionals in need of extra power.