Product designation

Power pack Scoro A2S Article no. 31.041.XX

Product description

Power pack with 3 lamp outlets, controlled over 3 individual channels (like 3 power packs in one). 1600 J flash energy. Individual (asymmetrical) output distribution. Maximum control range: over 9 f-stop intervals or over full 10 f-stop levels in whole or 1/10 f-stop intervals. Very high repetitive precision. Automatic stabilisation of the colour temperature ECTC (Enhanced Colour Temperature Control) over the whole control range and up to 6 f-stops in asymmetrical mode. Internal discharge when the power is reduced. Photocell, infrared and RFS receiver for flash triggering (all can be switched off separately). Front panel with modern, dimmable, LCD menu system, with illuminated silicone keyboard resistant to scratches and LED displays. Selectable flash duration. Modelling light with 8 different proportionality levels, adjustable to all broncolor power packs and monolights. By default, integrated radio receiver. Visual and audible flash monitoring by dim function of the modelling light during charging as well as different buzzers. Bright large ready display and buzzer (can be switched off). Can be switched to fast charging mode. Fan cooling for long flash sequences and thermal protection. 8 memory functions (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. Automatic adaptation to the respective mains voltage.

Additional functions:

- Sequences (serial flashes)
- Individual choice of the colour temperature shift
- Intervals
- Alternating with up to 4 power packs
- Individual choice of charging times (on low mains supply or converter)
- Individual choice of different flash release modes
- Assignment of different digital workstations (RFS channels) and unit addresses
- Adjustment of the output display to other power packs with differing outputs
- Dimmable visual ready display
- Assignment of different ready signal tones and volumes
- 8 memory locations
- Flash sequences up to 50 flashes
- Sensitivity of the photocell can be reduced
- 10 languages are available

Scope of delivery

Power pack, mains cable, operating instructions, dust cover.

Technical data

		Scoro A2S
Flash energy		**1600 J**
F-stop at distance of 2 m (6 ½ ft.) 100 ISO, reflector P70		64 2/10
Flash duration t 0.1 on max. energy Variation range of flash duration t 0.1 Variation range of flash duration t 0.5		1/265 s 1/150 - 1/8000 s 1/450 - 1/12000 s Flash duration and energy automatically regulated for optimum colour temperature. Minimum flash duration can be preselected.
Charging time (min. – max. energy)	230 V 120 V 100 V	0.02 - 0.6 s 0.02 - 1.0 s 0.02 - 1.1 s Can be switched to slow charging mode.
Flash energy speed mode		**1200 J**
F-stop at distance of 2 m (6 ½ ft.) 100 ISO, reflector P70 speed mode		45 9/10
Flash duration t 0.1 on max. energy Variation range of flash duration t 0.1		1/535 s 1/150 - 1/8000 s Flash duration and energy automatically regulated for optimum colour temperature. Minimum flash duration can be preselected.
Charging time speed mode (min. – max. energy)	230 V 120 V 100 V	0.02 - 0.4 s 0.02 - 0.6 s 0.02 - 0.7 s
Ready display		Visual and audible(can be switched off), signals when 100 % of selected energy is reached.
Lamp outlets		3 main connectors with flash cut-off and ECTC.
Power output distribution		Symmetrical and individually asymmetrical.
Controls		Illuminated silicone keyboard, resistant to dust and scratches. Wireless remote control of all functions with RFS.
Control range		over 9 f-stops in 1/10 or whole f-stop intervals. Displayed simultaneously in f-stops and joules, joules switchable to percentage.
Colour temperature		ECTC technology (Enhanced Colour Temperature Control) for consistent but also deliberately modified colour temperature.
Modelling light		Halogen max. 3 x 650 W at 200 - 240 V Halogen max. 3 x 300 W at 100 - 120 V Proportional to flash energy and “full” and “low” settings. Proportionality adjustable to other broncolor power packs and monolights.
Additional functions		Sequence, delay, interval, t 0.1, colour temperature, alternation, stroboscopic, memory, etc.
Flash release		Manual release button, photocell (can be switched off), infrared and RFS receiver (can be switched off), sync cable, IRX2.
No. of sync sockets		1
Computer connection for remote control		1
Stabilised flash voltage		+/- 0.3 %
Power requirements	230 V 120 V 100 V	16.0 A 15.0 A 15.0 A
Dimensions without handle		288 x 190 x 295 mm / 11.3 x 7.5 x 11.6 inch
Dimensions incl. handle		288 x 190 x 348 mm / 11.3 x 7.5 x 13.7 inch.
Weight		9.2 kg / 20.3 lbs
Standards		EN 60065/A1, EN 55014, EN 300 220-1/-3, EN 50371, EN 60950, EN 301 489-1/-3, EEC-standards: 2006/95, 2004/108, 99/5, 96, 95

Special features

- Automatic, Enhanced Colour Temperature Control, ECTC
- Extremely large control range over 9 f-stop intervals or 10 f-stop levels in whole or 1/10 f-stop levels
- Alternating flash release to reduce the time of the flash series when up to 4 power packs are in use (ping-pong release)
- Very fast stroboscopic sequences (also useful as, so to speak, continuous light for precise assessment of shadow edges etc.
- Via menu in 10 languages
- Inter active menu with useful help texts

Compatibility

All the broncolor lamps are electrically compatible with the Scoro A power packs. The most popular lamps such as the Pulso and Unilite range, as well as the Ringflash (C & P) can be utilised without restrictions with the Scoro A power packs.
Especially for small lamps, there are thermal restrictions which must be taken into consideration when using with Scoro A power packs (see corresponding max. J/min. infos).

Accessories

-

Application

Therefore, a new area in creative design has been opened which is only possible with the Scoro power packs.
The extremely short flash duration and recharging time on reduced flash energy, as well as the low temperature increase (even with a short flash duration), make the Scoro power pack ideal for fashion shoots and long flash sequences.