

# broncolor

*siros L*





## SIROS L – cordless, compact, fast and powerful

### Siros L is battery-powered

A single fully-charged lithium-ion battery stores enough energy for a Siros 400 L to flash more than 440 times – and it does that at maximum power! A miracle? No, quality!

### Siros L is fast

In only 0.03 seconds your Siros L is ready again. The flash duration can last less than 1/9000 s (t0.1) or 1/19'000 s (t0.5). Truly miraculous times.

### Siros L is simple

Very simple operation using the single rotary controller. Alternatively you can use the advanced, intuitive app. Either way using Siros L is fun.

### Siros L is powerful

The high light output, up to 800 J, leaves no photographer standing in the dark – it can even challenge sunshine.

### Siros L is LED

With its low power consumption, the 25 Watt LED module provides bright modelling light at a colour temperature of 3200 K. The light characteristics is absolutely comparable with the modelling light from a mains-operated Siros S.

### Siros is Swiss

Do you appreciate quality? In Siros L you have Swiss precision and quality – inside and out. Be inspired!

### Siros L is family

Proven meets innovation! The battery-powered Siros L, the Siros studio lights and Siros S are all available in both 400 and 800 Joule versions. Equipped with the broncolor bayonet fitting, they are part of the best light system in the world.



## Endless battery power

**For over 50 years broncolor has been synonymous with innovation and an uncompromising commitment to the highest light quality. And again with Siros L there are no trade-offs. It is a real broncolor.**

With the latest lithium-ion technology, a single battery, in spite of its very compact size and low weight, can charge a Siros 400 L up to full power 440 times! Reduce the output, for example by just 2 f-stops, and you can have over 1700 flashes! The results will convince you. The battery can be used over a very wide range of temperatures – from  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  degrees Celsius. This gives you a free range of locations – at the North Pole or in the desert, Siros L is your reliable companion.

When discharged, this high quality battery takes only 70 minutes to fully charge again. In Siros L too, the ECTC technology you know from our high-end Scoro and Move power packs controls the flash curve, enables flash durations from  $1/19'000\text{ s}$  (t0.5). In addition, it guarantees constant colour temperature over the entire control range.



📷 Sails Chong, China







## Operation: as simple as possible for maximum convenience

All the basic functions of Siros L can be operated using the free “bronControl” app. As soon as Siros L is logged in to the Wi-Fi network, you can control several devices using a smartphone or tablet with each clearly identified by different-coloured LEDs. In this way equipment that is difficult to access or far away can be conveniently and easily set and controlled. Independently of the existing Wi-Fi environment, Siros L can set up its own network.

One more advantage: the app controls the functions of up to 6 units with absolute clarity and full individual control. But even without the app, Siros L is still simple and intuitive to operate. With the single rotary controller, the “Twist Function” lets you set the output very quickly over several f-stops or very precisely in 1/10 f-stop steps. By pressing on the same knob you have access to the menu and to all the additional functions. There’s no simpler way.



To control the Siros L with iPhone, iPad or Android devices. App is available on the App Store and Google Play Store.





## Simple, robust and ergonomic

The proven design of Siros studio units has been optimised for the battery version. The lithium-ion battery can be easily removed and replaced with one hand. It is perfectly integrated into the elegant form of the unit – the latch is slightly raised so that even in the darkest studio you can reliably locate it by touch. In spite of the large amount of energy it stores, the battery measures just 8.5×11×5.5 cm (3.3×4.3×2.2") and weighs 0.6kg. Three LEDs reliably indicate the battery's state of charge. The outer shell is a single-piece aluminium housing. This ensures optimum protection for the advanced technologies inside and, at the same time, gives Siros L its elegant appearance.

The stand adapter is also made of aluminium and designed so that it combines with the generously dimensioned handle to act as a floor stand. The umbrella mounting is located directly beside the stand adapter. This lets you use the entire length of the umbrella shaft for focusing.





## Perfect light without restrictions

The control range extends over a full 9 f-stops. At high output it can even “outflash” bright daylight. And low settings enable photography even with wide-open apertures. You can be certain that Siros L will never restrict your choice of aperture – it is every photographer’s ideal companion.

Many light shapers, such as Softboxes, open reflectors and above all Paras are parabola-shaped and only guarantee optimum light yield and quality when the light source is as close as possible to the internal focal point of the reflector. As a consequence, for Siros L we decided in favour of an external flash tube, resulting in perfect light without compromises.

broncolor has the most comprehensive light-shaper accessory system and, with its compatible design, Siros L is completely integrated into it. In addition, two new reflectors have been developed especially for Siros:

An umbrella reflector, which is equipped with a cover that also serves as transport protection, and a size-optimised standard reflector, the L40, which has a snap-in system for honey-comb grids or barn doors with filter holder.



## Kit for travelling

The light quality from Siros monolights is in all respects equivalent to light provided by a conventional power pack. Colour stability, extremely short flash durations, and very wide control ranges are characteristics of all broncolor units. This means that power packs and Siros monolights can be combined for optimum lighting – the photographer can exploit the advantages of both systems. And of course the enormous range of light shapers is fully compatible.

To make an entry into the world of broncolor Siros L easier, we have, besides the stand-alone units, put together one kit, which contains everything needed for a particular assignment.



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## Siros L



For you, the ideal start in professional, battery-powered photography, and perfect when available ambient light needs supplementing with flash. Available with 400 or 800 Joule outputs.

**31.710.XX Siros 400 L WiFi / RFS 2.1\***

**31.720.XX Siros 800 L WiFi / RFS 2.1\***

1 × Siros 400 L or 1 × Siros 800 L, 1 × battery charger,  
1 × lithium-ion battery, 1 × Flash Bag 1.1

\* RFS 2.1 transmitter is not included (see accessories page 17)

## Siros L Outdoor Kit 2



An extended range of equipment for demanding tasks and more complex light situations. Available with two outputs.

**31.750.XX Siros 400 L Outdoor Kit 2\***

**31.751.XX Siros 800 L Outdoor Kit 2\***

2 × Siros 400 L or 2 × Siros 800 L, 1 × battery charger,  
2 lithium-ion batteries, 1 × umbrella silver/black Ø 85 cm,  
1 × Softbox 60 × 60 (cm) incl. adapter ring,  
1 × sync cable 5 m, 1 × Outdoor trolley backback

\* RFS 2.1 transmitter is not included in the kit (see accessories page 17)



## Innovative Technologies, Made in Switzerland

You can sense the performance and robustness of Siros L from afar. The elegant, black aluminium body of Siros L makes a powerful statement, but its simplicity and ease of use are equally impressive.

Siros L was entirely designed and developed in Switzerland. Production and quality control also remain at the headquarters of Bron Elektronik AG and so guarantee the familiar high quality of every broncolor device.

Innovative technologies from the prize-winning Scoro and Move power packs have been adapted to the Siros L. These include:



### Cut-off technology

Flash duration and light output are the two decisive factors in light control. A microprocessor in Siros L will calculate the shortest flash duration for a given energy setting. That is convenience!



### Constant colour

The second generation of our patented ECTC (Enhanced Color Temperature Control) technology, which adapts flash voltage and flash duration to each other, ensures a constant colour temperature over the entire output range. Reliability at the highest level.



### Enormous range of settings

With Siros L you have a free choice of 9 f-stops to set the flash output you need, all the way to 2 Joules. Photography with maximum freedom.



### Speed Mode

In Speed Mode fast charging and short flash times have absolute priority. In this case the calculation of constant colour temperature (ECTC) is suppressed. For quick results.



### Lithium-ion battery

The latest lithium-ion technology in the batteries enables charging times never achieved before, and supplies energy for over 440 complete charges to full power – and all this from a weight of only 0.6kg. It makes photography pure pleasure.

Test the performance of our Siros L for yourself!





-  FLASH CUT-OFF
-  CONSTANT COLOUR ETC
-  CONTROL RANGE
-  SPEED MODE
-  LI-ION BATTERY
-  bron Control APP

**Siros L**

- Latest lithium-ion battery technology
- Enormous control range for flash energy – up to 9 f-stops
- Remote control using “bronControl” app or RFS 2.1
- Speed mode for fast flash times
- Additional function for flash sequences
- USB connection for software updates
- Easy-to-use rotary controller and simple operation



	<b>Siros 400 L</b>   31.710.XX	<b>Siros 800 L</b>   31.720.XX
<b>Flash energy</b>	400 J	800 J
<b>f-stop at 2 m distance, 100 ISO</b>		
with reflector L40	22 <sup>5</sup> / <sub>10</sub>	32 <sup>8</sup> / <sub>10</sub>
with reflector P70	32 <sup>5</sup> / <sub>10</sub>	45 <sup>6</sup> / <sub>10</sub>
<b>Flash duration t0.1 (t0.5)</b>	with optimum colour temperature	
min. energy	1/6'200 s (1/11'300 s)	1/4'400 s (1/7'400 s)
max. energy	1/400 s (1/1'200 s)	1/250 s (1/700 s)
<b>Charging time</b> (at 28.8V) (for 100% of selected energy)		0.05–4.3 s
eco-mode	0.04–1.9 s	0.03–2.7 s
normal	0.03–1.2 s	
<b>Number of flashes per battery charge</b>	440 at full energy	220 at full energy
<b>Setting range for flash energy</b>	up to 9 f-stops in 1/10 th. or full f-stop steps 2–400 J	4–800 J
<b>Colour temperature</b>		
max. energy/P70	5'500 K	5'500 K
<b>Modelling light</b>	25 W LED	25 W LED
<b>Colour temperature</b>	3'000 K	3'000 K
<b>Flash release</b>	Manual trigger button, photocell, sync cable, with integral broncolor RFS 2.1	
<b>Remote control</b>	Using “bronControl” app for mobile devices or RFS 2.1 transmitter	
<b>Ready display</b>	Visual and acoustic (can be switched off)	
<b>Other features</b>	Sequences (flash series) up to 50 flashes Integrated umbrella holder and umbrella reflector included in scope of delivery USB connection for software updates Speed mode for fastest flash duration	
<b>Dimensions (l × w × h)</b>	32 × 13 × 18 cm (12.6 × 5.1 × 7.1")	36 × 13 × 18 cm (14 × 5.1 × 7.1")
<b>Weight unit (without battery)</b>	3.1 kg (6.8 lbs)	3.7 kg (8.2 lbs)
<b>Dimensions (l × w × h) battery</b>	8.5 × 11 × 5.5 cm (3.3 × 4.3 × 2.2")	8.5 × 11 × 5.5 cm (3.3 × 4.3 × 2.2")
<b>Weight battery</b>	0.6 kg (1.3 lbs)	0.6 kg (1.3 lbs)
<b>Li-ion battery</b>	28.8V / 2.5 Ah / 72 Wh	
<b>Operating temperature range</b>	–10° C bis +60° C	
<b>Scope of delivery: Single unit</b>	1 × Siros 400 L or 1 × Siros 800 L; 1 × battery charger; 1 × battery; 1 × Flash Bag 1.1	
<b>Scope of delivery: Outdoor Kit 2</b>	2 × Siros 400 L or 2 × Siros 800 L; 1 × battery charger; 2 × battery; 1 × umbrella silver/black Ø 85 cm; 1 × Softbox 60 × 60; 1 × adapter ring; 1 × sync cable 5 m; 1 × Outdoor trolley backpack	

	<b>Siros 400 L</b>   31.710.XX	<b>Siros 800 L</b>   31.720.XX
<b>Speed mode (flash times)</b>	<b>Stage</b> 2 (1 J) 3 (3 J) 4 (6 J) 5 (12 J) 6 (25 J) 7 (50 J) 8 (100 J) 9 (200 J) 10 (400 J)	<b>t0.1 (t0.5) – Speed mode</b> 1/9'000 s (1/19'000 s) 1/8'500 s (1/17'500 s) 1/8'200 s (1/16'000 s) 1/8'000 s (1/15'500 s) 1/7'200 s (1/12'000 s) 1/4'600 s (1/7'000 s) 1/3'000 s (1/3'600 s) 1/1'550 s (1/1'600 s) 1/400 s (1/1'250 s)
	<b>Stage</b> 2 (3 J) 3 (6 J) 4 (13 J) 5 (25 J) 6 (50 J) 7 (100 J) 8 (200 J) 9 (400 J) 10 (800 J)	<b>t0.1 (t0.5) – Speed mode</b> 1/8'700 s (1/18'000 s) 1/8'300 s (1/16'000 s) 1/7'800 s (1/14'500 s) 1/7'300 s (1/13'000 s) 1/5'000 s (1/7'200 s) 1/3'200 s (1/4'100 s) 1/1'800 s (1/2'100 s) 1/800 s (1/900 s) 1/250 s (1/700 s)
<b>Accessories for Siros L</b>	L40 standard reflector Honeycomb grids for L40, set of 3 pieces Barn door with 4 wings for L40 Colour filters for barn door for L40, set of 9 pieces Colour correcting and diffusion filters for barn door for L40, set of 8 pieces Flash tube 400/800 for Siros L Flash Bag 1.1 for Siros L Outdoor trolley backpack Umbrella, silver/black Ø85 cm Umbrella, silver/black Ø105 cm Focus 110 umbrella, silver Ø110 cm RFS 2.1 transmitter Sync cable 5 m Adapter ring Softbox 60 × 60 Battery charger for Siros L Battery for Siros L Basic M stand	33.115.00 33.194.00 33.119.00 33.318.00 33.319.00 34.362.00 36.536.00 36.519.00 33.574.00 33.570.00 33.576.00 36.133.00 34.111.00 33.401.00 33.561.00 36.157.XX 36.155.00 35.105.00



POWER PACKS

Senso 1200 RFS 2.1  
31.050.XX  
Senso 2400 RFS 2.1  
31.051.XX

Scoro 1600 S RFS  
31.041.XX  
Scoro 1600 S RFS 2.1  
31.044.XX

Scoro 3200 S RFS  
31.043.XX  
Scoro 3200 S RFS 2.1  
31.045.XX

Scoro 1600 E RFS  
31.060.XX  
Scoro 1600 E RFS 2.1  
31.062.XX

Scoro 3200 E RFS  
31.061.XX  
Scoro 3200 E RFS 2.1  
31.063.XX

BATTERY POWER PACK

Move 1200 L RFS 2.1  
31.016.XX

HMI BALLAST UNITS

HMI 200  
41.103.XX  
HMI 400.575.800  
41.102.XX  
HMI 800.1600  
41.104.XX

HMI CONTINUOUS LIGHT

HMI FT800.1600  
Lamphead  
42.110.00  
Lamphead  
Tungsten FT  
42.112.XX

HMI FT800 Lamp device  
42.109.00  
HMI FT1600 Lamp device  
42.111.00  
FT1000 Lamp device Tungsten  
42.115.00  
FT2000 Lamp device Tungsten  
42.113.00

HMI F200  
Lamphead  
42.105.00  
HMI F400  
Lamphead  
42.106.00

HMI F575.800  
Lamphead  
42.104.00

HMI F800  
Lamphead  
42.107.00  
HMI F1600  
Lamphead  
42.108.00

HMI REFLECTORS

Open Face reflector for  
HMI F200 43.104.00  
HMI F400 43.111.00

Open Face reflector for  
HMI F1600 43.150.00

PAR reflector for  
HMI F200 43.116.00  
HMI F400 43.117.00

PAR reflector  
for HMI F575.800  
43.103.55 [5500 K]  
43.103.59 [5900 K]

PAR reflector for  
HMI F1600 43.140.00

STUDIO MONOLIGHTS

Siros 400 WiFi/RFS 2.1  
31.613.XX  
Siros 400 S WiFi/RFS 2.1  
31.623.XX  
Siros 800 WiFi/RFS 2.1  
31.631.XX  
Siros 800 S WiFi/RFS 2.1  
31.643.XX

Reflectors are included

BATTERY MONOLIGHTS

Siros 400 L WiFi/RFS 2.1  
31.710.XX  
Siros 800 L WiFi/RFS 2.1  
31.720.XX

Reflectors are included

LAMPS

Pulso G  
32.115.XX 1600 J  
Pulso G  
32.116.XX 3200 J

Unilite  
32.113.XX 1600 J  
Unilite  
32.114.XX 3200 J

Pulso Twin  
32.117.XX

Picolite  
small lamp  
32.021.XX

MobiLED  
32.013.00  
Litos  
32.030.XX

Reflector only included with MobiLED and Litos

REFLECTORS AND ATTACHMENTS

Standard reflector P65  
33.106.00  
Standard reflector P70  
33.107.00

Narrow angle reflector P45  
33.104.00  
Narrow angle reflector P50  
33.105.00

Softlight reflector P  
33.110.00

Beauty Dish  
with textile diffuser  
33.111.00

Wide angle  
reflector P120  
33.112.00

Background  
reflector  
33.114.00

Spot attachment  
33.640.00

Conical snoot  
33.120.00

Standard reflector L40  
33.115.00

P-Travel reflector  
33.103.00

PAR reflector  
33.113.00

UV attachment  
33.626.00

Power reflector  
for Ringflash C  
33.125.00

Beauty reflector  
for Ringflash C  
33.124.00

Soft reflector  
for Ringflash C  
33.123.00

EFFECT LAMPS

Ringflash C  
32.462.XX

Ringflash P  
32.461.XX

Hazylight-Soft  
33.513.00

Balloon  
33.161.00

Picobox  
33.128.00  
Boxlite 40  
32.341.XX

Lightbar 120 Evolution  
32.353.XX  
Lightbar 60 Evolution  
32.351.XX

Striplite 120 Evolution  
32.303.XX  
Striplite 60 Evolution  
32.301.XX

Litestick  
32.451.00

Pulso-Spot 4  
32.425.XX  
broncolor Floorer  
32.431.00

Litepipe for  
HMI F400  
43.118.00

SPECIAL REFLECTORS

Optical snoot 150 mm  
for Pulso-Spot 4  
5500 K: 33.620.55  
5900 K: 33.620.59

Pulso adapter  
for Picolite  
33.501.00

Projection attachment  
for Picolite  
33.641.00

Barn door with 4 wings  
33.246.00 for P65, P45 and PAR  
33.247.00 for P70  
33.119.00 for L40

Barn door with 4 wings  
for Picolite  
33.244.00

Honeycomb grids, set of 3 pcs.  
33.219.00 for Ringflash C  
33.189.00 for Power reflector

Attachment with 3 honeycomb grids and  
2 aperture masks for Picolite  
33.204.00

Fresnel spot attachment  
for Picolite  
33.631.00

Barn door with  
2 wings for P70  
33.227.00

Sunlite-Set  
33.162.00

Honeycomb grids, set of 3 pcs.  
33.205.00 for P50  
33.206.00 for P65, P45 and PAR  
33.211.00 extremely narrow for P65, P45 and PAR [1 pce.]  
33.207.00 for P70  
33.194.00 for L40

Mini-Satellite  
33.152.00  
Satellite Staro  
33.151.00

PARA SYSTEM

Para 330 FB  
33.486.00

Para 222 kit  
without adapter  
33.552.03  
Para 222 FT kit  
41.178.00

Para 177 kit  
without adapter  
33.551.03  
Para 177 FT kit  
41.177.00

Para 133 reflector  
33.550.00  
Para 133 HR reflector  
33.550.04  
Para 133 kit without adapter  
33.550.03  
Para 133 HR kit without adapter  
33.550.06

Para 88 reflector  
33.482.00  
Para 88 HR reflector  
33.482.04  
Para 88 kit without adapter  
33.483.03  
Para 88 HR kit without adapter  
33.483.06  
Para 88 FT kit  
33.173.00

Stands and lampstands are not included

SPECIAL ACCESSORIES

RFS Transmitter  
36.130.00

RFS 2.1 Transmitter  
36.133.00

RFS Transceiver  
36.131.00

RFS 2.1 Receiver  
36.134.00

IRX 2  
Infrared-Transmitter  
36.116.00

Hot Shoe  
Adapter 2 in 1  
36.137.00

RFS 2.1 Transmitter/  
Receiver kit  
36.135.00

SOFTBOXES, OCTABOXES, BEAUTYBOX

Softbox  
33.560.00 35x60 cm [1,1x2"]  
33.561.00 60x60 cm [2x2"]  
33.562.00 60x100 cm [2x3,3"]  
33.563.00 100x100 cm [3,3x3,3"]

33.564.00 30x120 cm [1x3,9"]  
33.565.00 90x120 cm [3x3,9"]  
33.566.00 120x180 cm [3,9x5,9"]  
33.567.00 30x180 cm [1x5,9"]

Octabox  
33.600.00 Ø 75cm [2,5"]  
33.601.00 Ø 150cm [4,9"]

Beautybox 65 [2,1"]  
33.568.00 Ø 65 cm [2,1"]

Adapter ring and stands are not included

UMBRELLAS

33.576.00 Focus 110 umbrella, silver Ø 110 cm  
33.496.00 Umbrella reflector  
33.570.00 Silver/black Ø 105 cm [3,4"]  
33.571.00 White/black Ø 105 cm [3,4"]  
33.572.00 Transparent Ø 105 cm [3,4"]  
33.573.00 White/black Ø 85 cm [2,8"]  
33.574.00 Silver/black Ø 85 cm [2,8"]  
33.575.00 Transparent Ø 85 cm [2,8"]



