

broncolor

siros L



Siros 800 L



Siros 400 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 3000 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°C to $+60^{\circ}\text{C}$. 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.









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 WiFi 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 WiFi 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.



broncolor's bronControl app now with great new functions

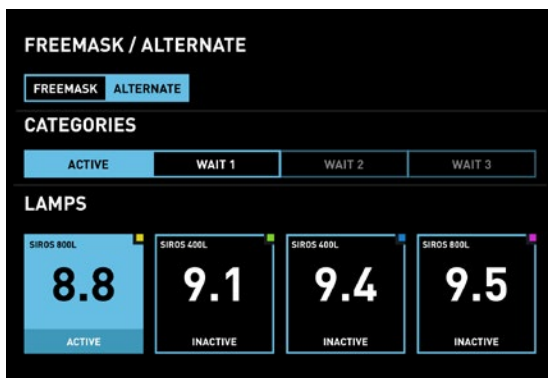
With the bronControl app, you can control not only the basic Siros functions; there are now additional features that extends the range of applications.

Below the power display for the individual lamps, you can read their flash durations (t 0.1). These durations relate to the power, and they decide whether a fast-moving object is in or out of sharp focus. This flash duration can be shortened by using the "speed" function directly on the unit, or by using the app.

Several Siros heads can be linked together as a group. The output of all the Siros lamps in a group can then be changed simultaneously.

The modelling light from all lamps can also be switched on or off simultaneously, or at each Siros individually. In addition, each Siros has its own flash release delay. The release delay can be varied in very accurate steps of 1/100 s.

And in the Enterprise mode, the mobile device used to control your Siros can remain online.



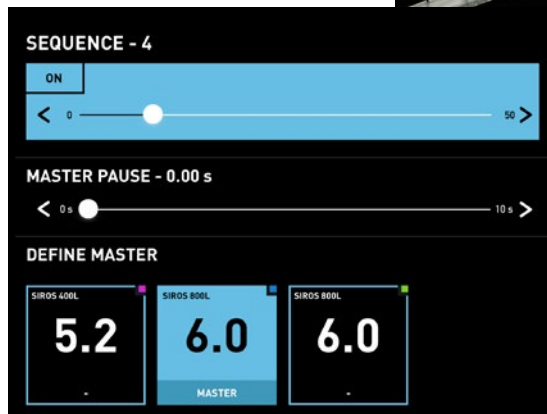
Alternate

Up to four Siros (single units or groups) can be triggered alternately. Unbelievably short charging times, and so also very high outputs are possible.



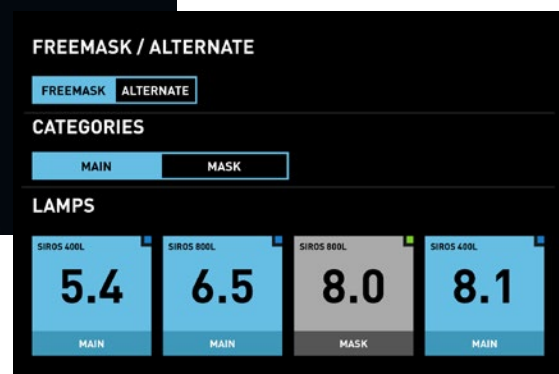
Sync sequence

With a Siros unit, you can preprogram a certain number of flashes (sequence). For most applications, it is important that all units flash simultaneously when triggered - the “synchronous sequence” function ensures this.



Freemask

With the “freemask” function you can create masks (silhouettes) in the simplest possible way; they make subsequent image processing much easier.



broncolor HS - flash with very short exposure times

All Siros L units are “HS” compatible. “HS” lets you use flash in combination with very short exposure time settings on your camera. For example, with ambient light, even with the aperture wide open (selective focus), the image can be underexposed correctly with up to 1/8000 s and Siros L still lets you set dominant and creative light effects.



All you need for this is the RFS 2.2 trigger, which is available for Nikon, Canon and Sony cameras. In addition, “HS” must be activated on all Siros L units. This modifies the flash curve and guarantees, in combination with RFS 2.2, correct exposure with no limits on your choice of shutter speed.

Siros L is of course also compatible with RFS 2 and 2.1 transmitters, but in these cases without the “HS” function.



with HS 1/8000 s, focal length 85, f/2



without HS 1/250 s, focal length 85, f/11

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 0.6 kg (1.3 lbs). 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 9 full 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. Consequently, 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 honeycomb 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.



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*

31.720.XX Siros 800 L WiFi / RFS 2*

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

* radio transmitter is not included (see accessories page 21)

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 (33.5"),
1 × Softbox 60 × 60 (cm (2 × 2 ft)) incl. adapter ring,
1 × sync cable 5 m (16.4 ft), 1 × Outdoor trolley backback

* radio transmitter is not included in the kit (see accessories page 21)

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.



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 Colour 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 0.6 kg (1.3 lbs). It makes photography pure pleasure.



HS

HS lets you use flash in combination with exposure time settings up to 1/8000 s. For example, with ambient light, even with the aperture wide open (selective focus), the image can be correctly underexposed with a very short exposure time – moreover, the Siros L still lets you set dominant and creative light effects.

Test the performance of our Siros L for yourself!





FLASH CUT-OFF



CONSTANT COLOUR ECTC



CONTROL RANGE



SPEED MODE

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 / 2.2
- Speed mode for fast flash times
- Additional function for flash sequences
- USB connection for software updates
- Easy-to-use rotary controller and simple operation



LI-ION BATTERY



bronControl APP



HS

	Siros 400 L 31.710.XX	Siros 800 L 31.720.XX
Flash energy	400 J	800 J
f-stop at 2 m distance, 100 ISO		
with reflector L40	22 ⁵ / ₁₀	32 ⁸ / ₁₀
with reflector P70	32 ⁵ / ₁₀	45 ⁶ / ₁₀
Flash duration t0.1 (t0.5)	with optimum colour temperature	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)
Charging time (at 28.8 V)		
(for 100 % of selected energy)		
eco-mode	0.04–1.9 s	0.05–4.3 s
normal	0.03–1.2 s	0.03–2.7 s
Number of flashes per battery charge	440 at full energy	220 at full energy
Control range of flash energy	over 9 f-stops in 1/10 or full f-stop steps 2–400 J	4–800 J
Colour temperature		
max. energy/P70	5'500 K	5'500 K
Modelling light	25 W LED	25 W LED
Colour temperature	3'000 K	3'000 K
Flash release	Manual trigger button, photocell, sync cable, with integral broncolor RFS 2	
Remote control	Using “bronControl” app for mobile devices or RFS 2.1 / 2.2 transmitter	
Ready display	Visual and acoustic (can be switched off)	
Other features	Sequences (flash series) up to 50 flashes Integrated umbrella holder, umbrella reflector included in scope of delivery USB connection for software updates	
Dimensions (l × w × h)	32 × 13 × 18 cm (12.6 × 5.1 × 7.1")	36 × 13 × 18 cm (14 × 5.1 × 7.1")
Weight unit (without battery)	3.1 kg (6.8 lbs)	3.7 kg (8.2 lbs)
Dimensions (l × w × h) battery	8.5 × 11 × 5.5 cm (3.3 × 4.3 × 2.2")	8.5 × 11 × 5.5 cm (3.3 × 4.3 × 2.2")
Weight battery	0.6 kg (1.3 lbs)	0.6 kg (1.3 lbs)
Li-ion battery	28.8 V / 2.5 Ah / 72 Wh	
Operating temperature range	–10° C bis +60° C	
Scope of delivery: Single unit	1 × Siros 400 L or 1 × Siros 800 L; 1 × battery charger; 1 × battery; 1 × Flash Bag 1.1	
Scope of delivery: Outdoor Kit 2	2 × Siros 400 L or 2 × Siros 800 L; 1 × battery charger; 2 × battery; 1 × umbrella silver/black Ø 85 cm (33.5"); 1 × Softbox 60×60 cm (2 × 2 ft); 1 × adapter ring; 1 × sync cable 5 m (16.4 ft); 1 × Outdoor trolley backpack	

Siros 400 L 31.710.XX			Siros 800 L 31.720.XX		
Speed mode (flash times)	Stage	t 0.1 (t 0.5) – Speed mode	Stage	t 0.1 (t 0.5) – Speed mode	
	2 (1 J)	1/9'000 s (1/19'000 s)	2 (3 J)	1/8'700 s (1/18'000 s)	
	3 (3 J)	1/8'500 s (1/17'500 s)	3 (6 J)	1/8'300 s (1/16'000 s)	
	4 (6 J)	1/8'200 s (1/16'000 s)	4 (13 J)	1/7'800 s (1/14'500 s)	
	5 (12 J)	1/8'000 s (1/15'500 s)	5 (25 J)	1/7'300 s (1/13'000 s)	
	6 (25 J)	1/7'200 s (1/12'000 s)	6 (50 J)	1/5'000 s (1/7'200 s)	
	7 (50 J)	1/4'600 s (1/7'000 s)	7 (100 J)	1/3'200 s (1/4'100 s)	
	8 (100 J)	1/3'000 s (1/3'600 s)	8 (200 J)	1/1'800 s (1/2'100 s)	
	9 (200 J)	1/1'550 s (1/1'600 s)	9 (400 J)	1/800 s (1/900 s)	
	10 (400 J)	1/400 s (1/1'250 s)	10 (800 J)	1/250 s (1/700 s)	
Accessories for Siros L	L40 standard reflector		33.115.00		
	Honeycomb grids for L40, set of 3 pieces		33.194.00		
	Barn door with 4 wings for L40		33.119.00		
	Colour filters for barn door for L40, set of 9 pieces		33.318.00		
	Colour correcting and diffusion filters for barn door for L40, set of 8 pieces		33.319.00		
	Flash tube 400/800 J for Siros L		34.362.00		
	Flash Bag 1.1 for Siros L		36.536.00		
	Outdoor trolley backpack for Siros L		36.524.00		
	Umbrella, silver/black Ø85 cm (33.5")		33.574.00		
	Umbrella, silver/black Ø105 cm (41.3")		33.570.00		
	Focus 110 umbrella, silver/black Ø110 cm (43.3")		33.576.00		
	RFS 2.1 transmitter		36.133.00		
	Sync cable 5 m (16.4 ft)		34.111.00		
	Adapter ring		33.401.00		
	Softbox 60×60 (cm (2×2 ft)		33.561.00		
	Charger for Siros L		36.157.XX		
	Li-ion battery for Siros L		36.155.00		
	Basic M stand		35.105.00		
	RFS 2.2 C transmitter (Canon)		36.160.00		
	RFS 2.2 N transmitter (Nikon)		36.161.00		
	RFS 2.2 S transmitter (Sony)		36.162.00		

POWER PACKS



Senso 1200 RFS 2
31.050.XX
Senso 2400 RFS 2
31.051.XX



Scoro 1600 S RFS 2
31.044.XX



Scoro 3200 S RFS 2
31.045.XX



Scoro 1600 E RFS 2
31.062.XX



Scoro 3200 E RFS 2
31.063.XX

BATTERY POWER PACK



Move 1200 L RFS 2
31.016.XX

HMI BALLAST UNITS



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

STUDIO MONOLIGHTS



Siros 400 WiFi/RFS 2
31.613.XX
Siros 400 S WiFi/RFS 2
31.623.XX
Siros 800 WiFi/RFS 2
31.631.XX
Siros 800 S WiFi/RFS 2
31.643.XX

Reflectors are included

BATTERY MONOLIGHTS



Siros 400 L WiFi/RFS 2
31.710.XX
Siros 800 L WiFi/RFS 2
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 P45
33.106.00
Standard reflector P70
33.107.00



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



Narrow angle reflector P45
33.104.00
Narrow angle reflector P50
33.105.00



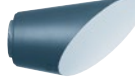
Softlight reflector P
33.110.00



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

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 133 FT Kit
41.175.00



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 lamps are not included

SPECIAL ACCESSORIES



RFS 2.1 transmitter
36.133.00



RFS 2.1 receiver
36.134.00



RFS 2.1 transmitter/
receiver kit
36.135.00



RFS 2.2 transmitter
36.160.00 Canon
36.161.00 Nikon
36.162.00 Sony



Hot Shoe
adapter 2 in 1
36.137.00

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

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



Optical snoot 150mm
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

SPECIAL REFLECTORS



Mini-Satellite
33.152.00
Satellite Staro
33.151.00

SOFTBOXES, OCTABOXES, BEAUTYBOX



Softbox

33.560.00 35×60 cm (1.1×2 ft)
33.561.00 60×60 cm (2×2 ft)
33.562.00 60×100 cm (2×3.3 ft)
33.563.00 100×100 cm (3.3×3.3 ft)

33.564.00 30×120 cm (1×3.9 ft)
33.565.00 90×120 cm (3×3.9 ft)
33.566.00 120×180 cm (3.9×5.9 ft)
33.567.00 30×180 cm (1×5.9 ft)



Octabox

33.600.00 Ø 75 cm (2.5 ft)
33.601.00 Ø 150 cm (4.9 ft)

Beautybox 65 (2.1 ft)
33.568.00 Ø 65 cm (2.1 ft)

Adapter ring and stands are not included

UMBRELLAS



33.576.00 Focus 110 umbrella, silver Ø 110 cm (43.3")
33.496.00 Umbrella reflector
33.570.00 Silver/black Ø 105 cm (41.3")
33.571.00 White/black Ø 105 cm (41.3")
33.572.00 Transparent Ø 105 cm (41.3")
33.573.00 White/black Ø 85 cm (33.5")
33.574.00 Silver/black Ø 85 cm (33.5")
33.575.00 Transparent Ø 85 cm (33.5")



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