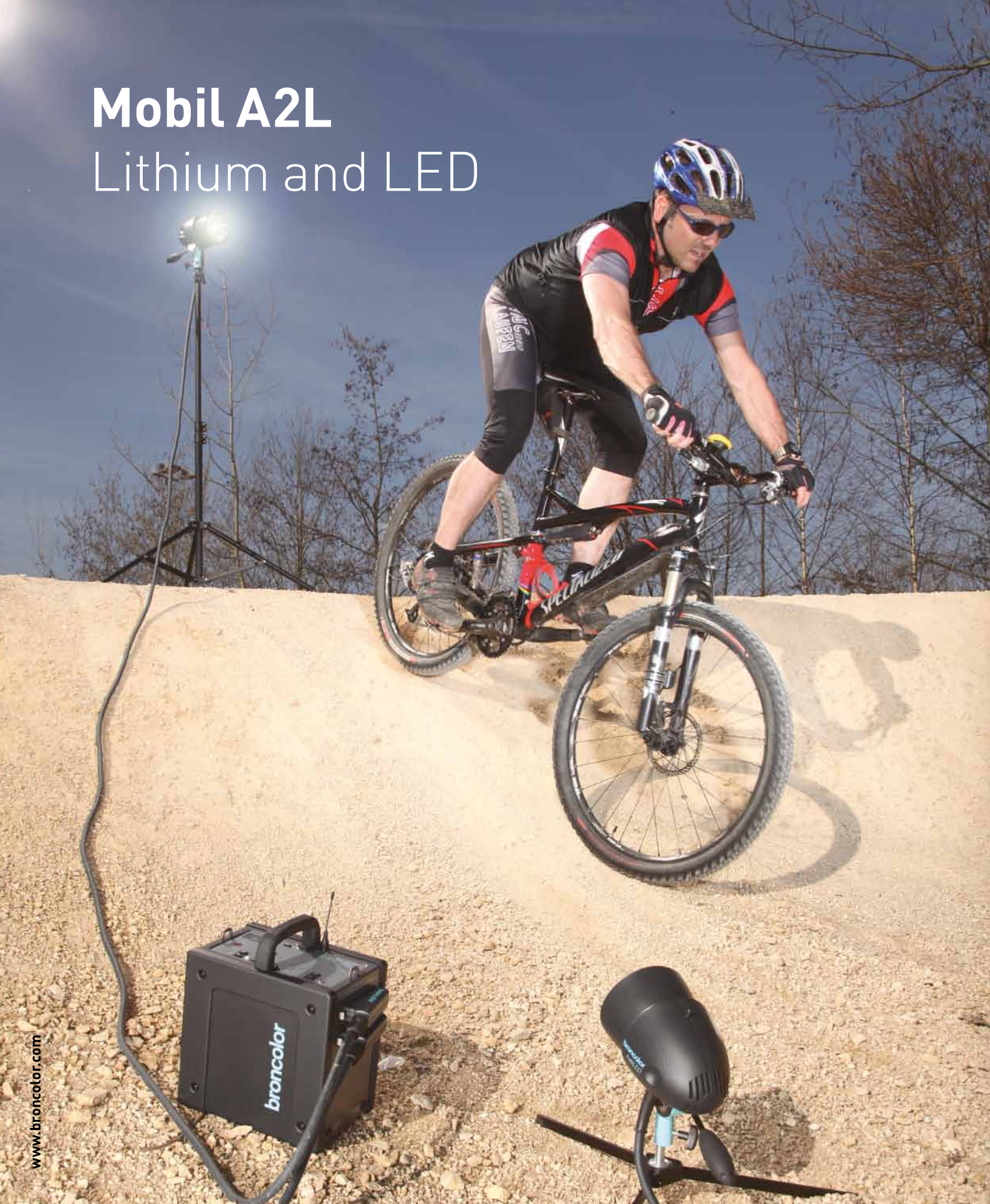


Mobil A2L

Lithium and LED



www.broncolor.com

broncolor Mobil A2L - Lithium and LED

In the continuous strive for progress and optimisation, broncolor has provided the popular mains-independent Mobil A2R power pack with lithium technology. With the same power output, the new A2L outperforms the A2R. In figures, that means 220 flash releases instead of 170 per battery charge and a weight reduction of just less than 3 kg / 6.6 lbs. Hence, the new edition is even better, and with all the advantages that you are accustomed to from the earlier generation of the mobile power packs: compatible with the broad range of broncolor reflectors and light shapers. The Mobil A2L is a power pack for everyone searching for challenges outside the studio.



Wide control range

The flash energy of the Mobil A2L has a control range of 4 f-stops in $1/10$ f-stop intervals, distributed to 1 or 2 lamps. This makes it possible to adapt the light to difficult situations. With two lamps and in the asymmetric mode, a control range of up to 7 f-stops is available!

Symmetric and asymmetric

Power distribution can be set to symmetric or asymmetric, depending on your requirements. In the asymmetric mode, the power distribution can be set to 70/30 % or 80/20 %.

Always on hand

The broncolor Mobil A2L power pack is mains-independent. It is lightweight and compact - ideal for outdoor shootings and very convenient to carry along. The special locking device and the ejector spring let you replace the rechargeable battery in no time at all. The battery of the Mobil A2L has no memory effect and can be used in any orientation. When you replace the battery, the settings are retained for a short period of time.

Ample power

The Mobil A2L delivers up to 170 flashes per charge at full output and even 220 flashes in the normal charging mode. At minimal flash output, you can get 2500 flashes out of a charge (without modelling light) - plenty of scope for creative sessions.






DOG FOULING IS A
CRIME
It is an offence under the
2009 - 2010 Act for a person
to be responsible for a dog
defecating in a public place
and to fail to clean up after
the dog.



A lightweight

The Mobil A2L weighs 6,7 kg / 14,7 lbs and is smaller than a camera case. Its ingenious design without protruding edges makes it easy to transport. Shedding light on location becomes a pure pleasure.

Short charging times

At full output, the charging time of the Mobil A2L is 2,9 s. When the output is reduced by one step, it is only 2 s, and at minimal output, it is a mere 0.8 s.

Short flash times

The flash durations are also convincing: even at full output (1200 J), the flash discharge of the Mobil A2L is a mere 1/680 s, and when two lamps are connected even only 1/1100 s (t 0.5).

Ideal in the studio as well

With this flash unit, you can simultaneously flash and recharge the battery when you are connected to a mains power outlet. The Mobil A2L can be used with all broncolor lamps up to 3200 J (without modelling light). The broncolor charger makes it possible to recharge the battery via a plug in the unit or outside of the power pack. And even better – with the new lithium charger the previous charging time is halved to 2 hours.

Compatible with the broncolor product range

The Mobil A2L is compatible with all broncolor power packs, monolights and lamps. From open reflectors in various versions, through textile area lamps in different versions and sizes

up to a broad range of special lamps, broncolor offers a vast spectrum of lighting options.

Lots of flash and modelling light

At a distance of 2 m / 6.5 ft and with a light angle of 130°, the exposure meter indicates an f-stop number of 22 ⁴/₁₀. With a Pulso G lamp and a focused P70 reflector, more than 2 additional f-stops are possible: 45 ⁵/₁₀! The selectable switch-off setting feature of the modelling light conserves the battery and can be set in steps of 20 / 40 / 60 / 80 s. This increases the number of flashes per charge. As an additional feature, the new Mobil A2L offers a function that enables permanent operation of the modelling light. It is especially helpful for small video shoots in conjunction with the MobiLED lamp and its new LED modelling light.





Indoor / outdoor hybrid

The Mobil A2L is a real alternative for lots of light and effective lighting because it can be used both in the studio and on location.

Analogue and digital

Thanks to flash voltage stabilisation within 0.5 %, incorrect exposures are excluded even with multishot sequences.

With radio-frequency release

The latest-generation RFS (Radio Frequency System) triggers the flash unit over distances of approx. 300 m / 984 ft outdoors and is already integrated in the Mobil A2L. The RF signal penetrates thin separating walls. The broncolor RFS transmitter is used for triggering the flash units. If required, the Mobil A2L power pack can be delivered with an RFS 2. In addition to the sync

cable connection and the manual release key, the Mobil A2L is also equipped with a selectable photocell. You can thus trigger flashes wirelessly using the IRX 2 infrared transmitter up to a distance of 10 m / 33 ft.

Reliable operation

The clearly arranged front panel with a dustproof silicone keypad and digital display minimises operating errors and provides detailed data regarding the selected output values. Wear-free and rugged keys and switches enhance functional reliability. The LCD display shows the selected total energy, and the illuminated keys are easily readable even in a dark environment. When the output is reduced, the excess energy is discharged internally. This means that you always flash with the output

you have selected. The visual fire-down indicator shows whether all connected flash tubes have fired and lets you know when the unit is ready for operation.

Ideal combination

Not only for fashion shots but also for outdoor shootings: the Mobil A2L with Ringflash C. The perfect combination for scientific photography, forensic imaging, and much more.

Lithium or lead

The choice is yours – we will gladly deliver you the Mobil A2L with a lead battery, on request. Should you wish to change to the lithium version at a later date, this is also possible.





MobiLED – a world innovation

broncolor presents the first lamp worldwide with 30 W LED modelling light. This output corresponds approximately to a 100 W halogen lamp and is unique on the market in this form. The LED technology promises a longer service life as well as energy conservation – spot-on for mobile application. Also the colour temperature of 5500K opens up completely new horizons for the production of video sequences.

The MobiLED lamp was developed to match the Mobil A2L power pack: it is remarkably compact, weighs very little, and has an excellent price/performance ratio. The protective cap can be quickly converted to be an umbrella or standard reflector. MobiLED features a pan/tilt head for one-hand operation and an integrated umbrella

holder. The intelligent cooling system only switches on when the service temperature reaches a threshold level. Thanks to its innovative design, the MobiLED stows away compactly for transport and storage.

Small and sophisticated

Because of the identical bayonet locking device, the MobiLED is compatible with the comprehensive range of broncolor light shapers and accessories. The lamp is equipped with a release button that allows quick reflector changes and 360° rotation.

Perfect video sequences

The newly introduced continuous light mode allows the MobiLED modelling light to be used as a new light design means. Precisely because the colour temperature of 5500 K is daylight conform, entirely

new possibilities are offered for film sequences.

MobiLED - continuous light adapter

With the combination of MobiLED lamp, Mobil A2L charger, and the newly developed continuous light adapter, it is possible to use the modelling light independently of the power pack. Just the solution to fulfil the increased demands of the customers. Operating the MobiLED directly on the mains supply, a separate video sequence can be produced in addition to the photo shooting. Mobility without limits!





Accessories: individually or as a kit

To adapt the Mobil A2L to your requirements, broncolor offers a range of useful accessories: a mains adapter, a rechargeable battery, a charger with connecting cable as well as a kit bag. With the Mobil A2L Travel Kit, you have everything you need for on location shots:

the Mobil A2L battery power pack, the MobiLED, continuous light adapter and the charger, conveniently packed into a practical travel bag which even accommodates an additional MobiLED, a second rechargeable battery as well as other accessories.



POWER PACKS



Senso A2
31.050.XX
Senso A4
31.051.XX

Scoro A2S
31.041.XX
Scoro A4S
31.043.XX

Grafit A2 RFS
31.169.XX
Grafit A4 RFS
31.179.XX

Verso A2 RFS
31.031.XX
Verso A4 RFS
31.033.XX

Power Dock
for Verso A2 / A4 RFS
36.124.00

Topas A2 RFS
31.173.XX
Topas A4 RFS
31.174.XX

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

Pulso 8
32.118.XX

Picolite
small lamp
32.021.XX
Mobilite 2
small lamp
32.012.00

Litos
32.030.XX
MobilLED
32.013.00

Only MobilLED and Litos reflectors are included

MONOLIGHTS



Minicom 40 / RFS
31.405.XX / 31.406.XX

Minicom 160 / RFS
31.474.XX / 31.473.XX

Minicom 80 / RFS
31.415.XX / 31.416.XX

Minipuls C200
31.449.XX

Reflectors are not included

REFLECTORS AND ATTACHMENTS



Standard reflector P65
33.106.00
Standard reflector P70
33.107.00

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 shower cap
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

SPECIAL REFLECTORS



Mini-Satellite
33.152.00
Satellite Staro
33.151.00
Satellite Evolution
33.150.00

Para 88 reflector
33.482.00
Para 88 P kit
33.483.00

Para 170 FB
33.484.00

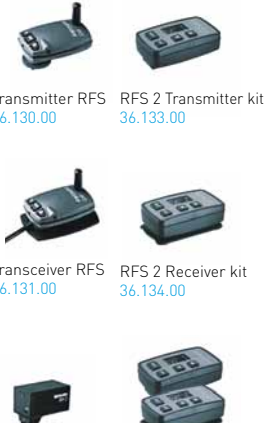
Para 220 FB
33.485.00

Para Soft
220 FB
33.487.00

Para 330 FB
33.486.00

Stands and lamps
are not included

SPECIAL ACCESSORIES



Transmitter RFS
36.130.00

RFS 2 Transmitter kit
36.133.00

Transceiver RFS
36.131.00

RFS 2 Receiver kit
36.134.00

Infrared
transmitter IRX2
36.116.00

RFS 2 Transmitter/
Receiver kit
36.135.00



Mobil A2L Lithium
31.013.XX
Mobil A2L Lead
31.012.XX

HMI CONTINUOUS LIGHT



F200 lamp
42.105.XX



F400 lamp
42.106.XX



F575.800 lamp
42.104.00



Electronic ballast unit
HMI 200
41.103.XX
HMI 400,575.800
41.102.XX

HMI REFLECTORS



Open Face reflector for HMI F200
43.104.00



Open Face reflector for HMI F400
43.105.00



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

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



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



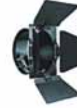
Pulso adapter for Mobilite 2 / Picolite
33.501.00



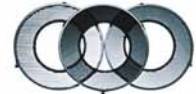
Projection attachment for Picolite
33.641.00



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



Barn door with 4 wings for Mobilite 2 / 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 Mobilite 2 / Picolite
33.204.00



Fresnel spot attachment for Mobilite 2 / Picolite
33.631.00



Barn door with 2 wings for P 70
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 extra narrow for P65, P45 and PAR
33.207.00 for P70

SOFTBOXES



Pulsoflex C
35 x 120 cm
[14 x 48"]
33.444.00



Pulsoflex C
60 x 100 cm
[24 x 40"]
33.443.00



Pulsoflex C
70 x 70 cm
[28 x 28"]
33.441.00



Flex with ring
70 x 70 cm
[28 x 28"]
33.448.00



Pulsoflex C
80 x 140 cm
[32 x 56"]
33.446.00



Pulsoflex C
100 x 100 cm
[40 x 40"]
33.442.00



Pulsoflex C
150 x 150 cm
[60 x 60"]
33.445.00

Adapter ring and stands are not included



Pulsoflex EM
30 x 110 cm
[12 x 44"]
33.424.00



Pulsoflex EM
35 x 60 cm
[14 x 24"]
33.415.00



Pulsoflex EM
40 x 155 cm
[16 x 62"]
33.425.00



Pulsoflex EM
50 x 50 cm
[20 x 20"]
33.406.00



Pulsoflex EM
55 x 95 cm
[22 x 38"]
33.416.00



Pulsoflex EM
80 x 140 cm
[32 x 56"]
33.417.00



Pulsoflex EM
80 x 80 cm
[32 x 32"]
33.407.00



Pulsoflex EM
110 x 110 cm
[44 x 44"]
33.408.00

UMBRELLAS



33.459.00 Silver ø 82 cm [32.3"]
33.452.00 Silver ø 102 cm [40.2"]
33.454.00 Transparent ø 102 cm [40.2"]
33.460.00 White ø 82 cm [32.3"]
33.453.00 White ø 102 cm [40.2"]
33.496.00 Umbrella reflector

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	Mobil A2L Lithium 31.013.XX	Mobil A2L Lead 31.012.XX
Flash energy	1200 J	1200 J
F-stop at a distance of 2 m, 100 ISO	64 1/10 (reflector P70 with MobiLED)	64 1/10 (reflector P70 with MobiLED)
Flash duration t 0.1 (t 0.5)	1 lamp 1/230 (1/680) s, 2 lamps 1/360 (1/1100) s with symmetric power distribution	
Charging time (for 100% of the selected energy)	0,8 – 2,9 s fast charge mode 1,2 – 5 s normal charge mode	0,8 – 2,9 s fast charge mode 1,2 – 5 s normal charge mode
Ready display	Visual and audible (can be deactivated), signals when 100% of selected energy is reached	
Lamp outlets	2	2
Power distribution	Symmetric/asymmetric 50/50 %, 70/30 %, 80/20%	
Controls	Fully illuminated silicone keyboard, resistant to dust and scratches, and LCD display	
Control range	Over 4 f-stops in 1/10 f-stop intervals [1:16] with asymmetry up to 7 f-stops	
Modelling light	Halogen 2 x 100 W or 1 x 100 W LED 2 x 30 W or 1 x 30 W Selectable switch-off time setting limited to 20 / 40 / 60 / 80 s to conserve the battery, or continuous operation.	
Flash release	Manual release button, sync cable, photocell (can be deactivated), or wireless via built-in selectable infrared receiver IRX 2 and radio receiver RFS or RFS 2, can be switched off	
Radio release	Operating distance outdoors up to 50 m / 164 ft (possible range up to 200 m / 656 ft) Operating distance indoors up to 30 m / 98 ft (maximum range up to 200 m / 656 ft)	
Rechargeable battery	12,8 V / 7,8 Ah Li-FePo4	12 V / 12 Ah
Number of flashes per fully charged battery	Fast charge: approx. 170 Normal charge: approx. 220	Fast charge: approx. 130 Normal charge: approx 170
Stabilised flash voltage	+/- 0,5 %	+/- 0,5 %
Dimensions	240 x 152 x 294 mm [9,4 x 5 x 11,6"]	240 x 152 x 294 mm [9,4 x 5 x 11,6"]
Weight	6,7 kg [14,7 lbs]	9,2 kg [20,3 lbs]
Scope of delivery	Mobil A2L power pack, rechargeable battery, high-speed charger, dust cover, operating instructions	



	MobiLED 32.013.00
Flash energy	Max. 1600 J
F-stop at distance of 2 m, 100 ISO	1200 J: 64 1/10 at lighting angle 130° (with reflector P70)
Modelling light (fuse rating)	12 V / 30 W LED (5500 K / 4 AF)
Length of cable	3,5 m [11,5 ft]
Cooling	Fan 12 V, switches on only when necessary
Dimensions	120 x 172 x 243 mm [4,7 x 6,8 x 9,5"]
Weight with cable	1,7 kg [3,7 lbs]
Stand adapter	For broncolor and 16 mm Manfrotto bolts
Accessories (included in scope of delivery)	Umbrella/standard reflector, which simultaneously serves as protective cap
Accessories (not included in scope of delivery)	Entire broncolor reflector assortment, lamp extension cable 5 m [16 ft] / 10 m [32 ft]
	Subject to change due to technical development.

Mobil A2L power packs and MobiLED small lamps are the result of broncolor's many years of experience and superior technology. To make it possible for our customers to benefit from future developments, owners of Mobil A2L power packs are entitled to a lifetime software update service via their broncolor dealer. Carefully selected components and rugged design ensure flawless operation and functional reliability even under the most difficult conditions. We provide a two-year factory warranty. Power packs by broncolor: Your best investment in the long term. Made in Switzerland. broncolor, VISATEC, kobold and bron are registered trademarks.

broncolor[®]
THE LIGHT

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www.broncolor.com