

Move 1200 L

All in one



www.broncolor.com

The lightweight athlete – First class for on location

Photographers who spend most of their lives outdoors will love it: the Move 1200 L with lithium battery. A lightweight athlete! Expressed in figures that means 1200 Joules output from only about 6 kg (13 lbs), and no bigger than a camera bag. And the price? Unbeatable.

Further advantages are full asymmetry of the two lamp connections, while at the same time offering a control range of up to 9 f-stops, absolute colour stability provided by patented bron-color ECTC technology, and flash times as short as 1/20'000 s, which really are adequate for any imaginable photographic task. No less than eight "protection

bumpers" prevent damage to the Move in all three dimensions. Then there is the self-explanatory front panel with LCD display. Here information meets robustness. Equipped with the proven Lithium Power System, this battery power pack promises long periods of use combined with very low weight. Apart from photography, does shooting

videos make your pulse quicken? No problem! The continuous light mode from the Move 1200 L, in conjunction with the MobiLED lamp, opens completely new horizons for film sequences with its near-daylight colour temperature of 5500 K. And that for over two hours!







Innovative technologies – made in Switzerland

Innovation as motivation. Although the technologies we have developed are accepted as groundbreaking, they are continuously perfected or further developed. The basis for this is a constant desire to optimise and the continuing study of electrical technologies, new materials and alternative manufacturing processes. Photography is born of light – so it is our mission to accompany its development and to further the advance of technical progress in professional lighting technology.



FLASH CUT-OFF

Cut-off technology

Flash duration and light output are the two decisive factors in light control. A microprocessor in the Move calculates the shortest or longest flash duration for a given output for you. This enables rapid flash sequences with up to 50 flashes per second.



CONSTANT COLOUR ECTC

Constant colour temperature – ECTC

Move is the only on location flash system that maintains the colour temperature over the whole power range at all outputs. The second generation of our patented ECTC (Enhanced Color Temperature Control) technology adapts flash voltage and flash duration to each other, achieves a constant colour temperature over the entire variation range at all lamps.



CONTROL RANGE

Individual power distribution

Move has two lamp connections. Each lamp outlet has its own, individual power controller with LED display, which is adjustable independently of the other outlet. The unit therefore behaves like two independent power packs. With Move you have a choice of nine f-stops to set the flash output you need. That is an adjustment range from 4 to 1200 J.



SPEED MODE

Speed mode

In Speed Mode the charging time and flash duration are reduced by up to 50 %, and the maximum flash energy is reduced by 25%. In this way you can achieve up to ten exposures per second at full output, or up to 50 at reduced power. This makes Move a top class flash unit everywhere that speed is needed. And with its active fan cooling even long flash series are no problem.

Helge Kirchberger at 3000 m above sea level: "1200 Joules at a weight of 6 kg!"

Helge Kirchberger has long dreamt of a photo production in the Austrian Alps on Mount Dachstein – 3000 m above sea level. This winter it really happened. The dream, in the form of a fashion shooting, became reality.



FLASH CUT-OFF
t 0.1=1/8'500 s
t 0.5=1/20'000 s



CONSTANT COLOUR ECTC
5500 K



CONTROL RANGE
9 F-STOPS

"In the cable car for the first stage of the climb, we quickly reached the top station, but from there onwards muscle power was called for. Loaded with cameras, objectives, stands, laptops, lamps and power packs, we moved slowly over icy rocks and snow-covered slopes.

Certainly not the right place for your next barbecue. It made us very grateful to the broncolor developers who had striven to shave every last gram from the small, light Move power packs. And the exceptionally compact MobiLED lamps were an excellent way to complete our lightweight lighting equipment.

In spite of their small dimensions and light weight, these little power packs provided us with

more than enough output: 1200 Joules per power pack from 6 kg (13 lbs) – unbelievable. We made best possible use of the Move by connecting two lamps to each of them. The two outlets can be regulated over 9 f-stops completely independently of each other. On each set the required output could be simply and accurately called up for each lamp.

Under the continually changing conditions we were repeatedly forced to adapt our chosen illumination settings. Without having to move over dangerous, rough ground from power pack to power pack, we could control everything conveniently and reliably from the RFS 2 camera transmitter.

To make effective shoots everything has to happen very fast. In the icy temperatures we photographed thin, airy dresses using 600 Joules. At this output level we could continuously take one exposure per second, and well over 300 photos per battery charge. In spite of the effects of strong winds on fine materials and hair, with the super-fast flash times every single exposure was pin sharp.

A fast fashion shoot far from big cities and studios. Just right for Move 1200 L."





Tim Lüdin at the Hockenheimring: "All in one unit. Brilliant!"

For years now Tim Lüdin, commercial photographer and film maker has worked with the big names of the Swiss music scene, Formula 1 and the German Touring Car Championship (DTM). Tim tested Move for us at the Hockenheimring in Germany, an official Formula 1 race track – and describes his experiences during the shoot



**CONSTANT COLOUR ECTC
5500 K**

"My team was hired to portray Rahel Frey for the Audi DTM Team. As always in motor racing it is, unfortunately, not the photographer or film maker who determines the "where" and "when", but the racing team.



**CONTROL RANGE
9 F-STOPS**

For a long time you know nothing about the time window and the location. Then everything has to happen at once. In the first set-up we photographed Rahel in the pit lane in full sunshine. Where fast cars are passing at frequent intervals, power cables are of course absolutely taboo. But with 1200 J from the battery,

we had enough power to be able to control the sunlight or even dominate it as we needed, and all that cable-free. Some of the time we even refrained from using stands so as to be able to react faster. My assistant was thankful for the low weight and the shoulder bag supplied with the Move.

Our second opportunity for photographs was in a corner of the Audi workshop. Red lines showed us unmistakably the limits within which we could spread out and set up our equipment. Outside this little

area absolutely nothing was tolerated. Even though there were many power sockets in the workshop, for safety reasons we wanted to avoid cables as far as possible.

The enormous regulation range (nine f-stops) and absolutely unrestricted asymmetry, also 9 f-stops gave us a free choice of working apertures and light distribution despite the cramped surroundings – full power in the sun, fewer Joules for the smallest set at an f-stop of 2.8 – all in one unit. Brilliant."



**SPEED MODE
0.02s**





WURTH
ADAC
Audi Sport
EPOSTBRIEF
R. Frey

EPOSTBRIEF

HANKOOK

HANKOOK

Audi Sport

Andreas Busslinger flying high: “Razor-sharp due to very short flash duration.”

Paragliding – is to revel in freedom. Put on you paraglider, run and lift off – a controlled flight from start to landing. For optimum photographs of the start of this weightless joy, you need control of lighting too, from start to finish. Andreas Busslinger and Urs Recher, both professional photographers and both flying enthusiasts describe their experiences with the Move 1200 L:



**CONSTANT COLOUR ECTC
5500 K**



**CONTROL RANGE
9 F-STOPS**



**SPEED MODE
0.02s**

“As with most outdoor shoots, for this job we needed to adapt our synthetic flash light perfectly to the existing (and continually changing) daylight. At the start of the shoot we were struggling with dominant sunlight. This made us appreciate even more every single one of the 1200 Joules. In conjunction with the powerful Para 88, we had enough power to dominate the daylight although the primary light was standing a good 10 to 12 m (32 to 39 ft) from the action. This large distance was necessary to homogeneously illuminate the

large open-air set over several meters. Thanks to the RFS 2 radio system built into Move, we needed only the very minimum of steps in a heavy snowfall to conveniently and reliably adjust the output of the two power packs. Very convenient under the continually changing light conditions which the autumnal dusk held ready for us.

In the mountains above 2000 meters, over rocky ground and in thin air, you can feel every kilogram. Whether setting up or packing away when pressed for time, we were both very thankful

that the Move weighs less than 6 kg (13 lbs). An additional help was the comfortable outdoor trolley.

The following morning, with yesterday’s efforts almost forgotten, we are now interested in the results. Sports shoots are a challenge for any flash unit. In spite of the rapid movements of the paraglider pilots during take-off, every single one of the just 1,5 mm (0,06”) diameter lines is in pin-sharp focus – thanks to the short flash duration of the Move!”





MobiLED – for Photographs and Video Sequences

broncolor presents the world's first lamp with 30 W LED modelling light. This output corresponds approximately to a 100 W halogen lamp; in this form it is the only one of its kind on the market. LED technology promises a long working life and substantial energy savings – exactly right for mobile use. The colour temperature too, at 5500 Kelvin, opens completely new horizons when filming video sequences.

The MobiLED lamp: exceptionally compact, light and great value for money. MobiLED has a tilt-and-swivel head for single-handed operation and an integral reflector mounting. The intelligent ventilation control only switches on when the operating temperature demands it. The innovative design folds into the smallest possible space for transport and storage.

Small and great

Its identical bayonet fastener makes the MobiLED compatible with the comprehensive range of broncolor light modifiers and accessories. The lamp is fitted with an unlocking button. This allows reflectors to be changed quickly and rotated through 360°.

Video sequences in perfection

With the Move 1200 L in continuous lighting mode, the MobiLED's

modelling light can be employed as a new element in lighting design. Especially at the daylight colour temperature of 5500 K, it offers completely new possibilities for film sequences.

MobiLED – Continuous Lighting Adapter

With the MobiLED lamp, the lithium charger for Move 1200 L, and the newly developed continuous lighting adapter, gives the opportunity to use the modelling light independently of the power pack. Just right to meet customers increasingly stringent demands. With the MobiLED operated directly from the mains power supply, a separate video sequence can be filmed in addition to a photo shooting. Mobility without limits!

And there's an even easier way: With the MobiLED lamp, the

lithium charger for Move 1200 L, and the continuous lighting adapter, it is possible to use the modelling light independently of the power pack and the mains power supply. With this arrangement, the MobiLED's modelling light can be supplied with current directly from the battery.

Top Lithium Battery

Move is equipped with the proven Lithium Power System which can be exchanged in no time. Eject battery and insert the new one. This battery promises long periods of use and very low weight. After a day it switches itself off so as not to discharge. If you let the battery stand for a year and then come back and test the charge, you will find the state of charge is unchanged. Amazing.



Move Kits for on location – Accessories for Outstanding Mobility

With the Move Outdoor Kits you have everything you need for on location shoots: the Move 1200 L battery power pack, one or two MobiLEDs, the continuous lighting adapter, a protective bag, the RFS 2 radio system, a Softbox Flex 70 × 70 or a Para 88, an umbrella reflector, as well as a charger.

All this conveniently packed in the unbelievably practical outdoor trolley backpack. Used as a trolley, the backpack runs easily over asphalt surfaces. Over rough ground you can carry the backpack and its contents on your back supported by the ergonomic shoulder straps. Mobility – where ever you need it.





Move Outdoor Kit 1 | 31.026.XX

Consisting of:

Move 1200 L power pack, MobiLED, Softbox Flex 70 × 70, RFS 2 transmitter kit, charger, sync cable, adapter cable, continuous lighting adapter, lithium battery, protective bag, outdoor trolley backpack



Move Outdoor Kit 2 | 31.027.XX

Consisting of:

Move 1200 L power pack, 2 MobiLED, Softbox Flex 70 × 70, 85 cm umbrella, RFS 2 transmitter kit, charger, sync cable, adapter cable, continuous lighting adapter, lithium battery, protective bag, outdoor trolley backpack



Move Outdoor Para Kit | 31.028.XX

Consisting of:

Move 1200 L power pack, MobiLED, Para 88 P Kit, RFS 2 transmitter kit, charger, sync cable, adapter cable, continuous lighting adapter, lithium battery, protective bag, outdoor trolley backpack



Outdoor Trolley Backpack | 36.519.00

Whether as a backpack or a trolley, robust, and perfectly designed and equipped for use on the road.

POWER PACKS



Senso 1200
31.050.XX
Senso 2400
31.051.XX



Scoro S 1600 RFS
31.041.XX
Scoro S 3200 RFS
31.043.XX
Scoro S 1600 RFS 2
31.044.XX
Scoro S 3200 RFS 2
31.045.XX



Scoro E 1600 RFS
31.060.XX
Scoro E 3200 RFS
31.061.XX
Scoro E 1600 RFS 2
31.062.XX
Scoro E 3200 RFS 2
31.063.XX

BATTERY POWER PACKS



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

Power Dock for
Verso A2 / A4 RFS
36.124.00



Move 1200 L
31.016.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



Picolite
small lamp
32.021.XX



Litos
32.030.XX



MobiLED
32.013.00

Only MobilLED and Litos reflectors are included

MONOLIGHTS



Minicom 160 / RFS
31.474.XX / 31.473.XX



Minicom 40 / RFS
31.405.XX / 31.406.XX



Minicom 80 / RFS
31.415.XX / 31.416.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 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

SPECIAL REFLECTORS



Mini-Satellite
33.152.00
Satellite Staro
33.151.00



Para 88 reflector
33.482.00
Para 88 P kit
33.483.00



Para 177
33.551.00



Para 222
33.552.00



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 IRX 2
36.116.00



RFS 2 Transmitter/
Receiver kit
36.135.00

HMI BALLAST UNITS



HMI 200
41.103.XX
HMI 400.575.800
41.102.XX

HMI CONTINUOUS LIGHT



F200 lamp 42.105.00
F400 lamp 42.106.00
F575.800 lamp 42.104.00

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)

HMI LIGHT SHAPER



Litepipe for HMI F400 43.118.00

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



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

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 extra narrow for P65, P45 and PAR (1 pce)
33.207.00 for P70

SOFTBOXES AND OCTABOXES



Softbox
33.560.00 35 × 60 cm (1,1 × 2')
33.561.00 60 × 60 cm (2 × 2')
33.562.00 60 × 100 cm (2 × 3,3')
33.563.00 100 × 100 cm (3,3 × 3,3')
33.564.00 30 × 120 cm (1 × 3,9')
33.565.00 90 × 120 cm (3 × 3,9')
33.566.00 120 × 180 cm (3,9 × 5,9')



Octabox
33.600.00 Ø 75 cm (2,5')
33.601.00 Ø 150 cm (4,9')

Adapter ring and stands are not included

UMBRELLAS



33.496.00 Umbrella reflector
33.570.00 Silver Ø 105 cm (3,4")
33.571.00 White Ø 105 cm (3,4")
33.572.00 Transparent Ø 105 cm (3,4")
33.573.00 White Ø 85 cm (2,8")
33.574.00 Silver Ø 85 cm (2,8")
33.575.00 Transparent Ø 85 cm (2,8")

**Move 1200 L** | 31.016.XX

Flash energy	1200 J
f-stop at 2 m, 100 ISO (6 1/2 ft)	64 1/10 (with MobiLED and P70 reflector)
Flash duration t 0.1 (t 0.5)	Fastest: 1/8500 s (1/20'000 s) Max. energy: 1/350 s (1/1000 s)
Charging time (for 100% of selected energy)	0,02 – 1,9 s (Speed Mode 0,02 – 0,9 s)
No. of flashes per battery charge	approx. 170 / 230 (Eco-Mode) at 1200 J approx. 50'000 at 4 J
Lamp connections	2 outlets with flash cut-off and ECTC
Power distribution	Symmetrical or individually asymmetric
Operating elements	Illuminated silicone keypad, dust and scratch resistant, LCD display
Control range for flash energy	9 f-stops in 1/10 or full f-stop intervals, display in Joules or percent (4.5 – 1200 J)
Modelling light	Halogen, max. 2 × 100 W or 2 × 30 W LED Setting for duration of modelling light (10/30/60 s) Operation in continuous lighting mode: over 2 hours
Colour temperature	ECTC technology (Enhanced Colour Temperature Control) for constant colour temperature
Flash triggering	Manual release button, photocell, RFS 2, sync cable
Radio triggering	Operational distance outdoors up to 50 m (164 ft) (potential range up to 300 m [984 ft]) Operational distance indoors up to 30 m (98 ft) (potential range up to 300 m [984 ft])
Dimensions (L×W×H) without handle	21 × 17 × 23 cm (8,3 × 6,7 × 9")
Weight	6,2 kg (13,7 lbs) (incl. battery)
Lithium battery	14,4 V / 6,6 AH Li-FePo4 with integrated battery status
Accessories	Weatherproofed power pack softcase, rechargeable lithium battery, battery recharger Optional: continuous lighting adapter and outdoor trolley backpack (not included)

Lamp, MobiLED | 32.013.00

Flash energy	1200 J (max. 1600 J)
Modelling light	30 W LED
Length of lamp cable	3.5 m (11.5 ft)
Dimensions (Ø×L×H)	Ø 12 × 24.3 × 17.2 cm
Weight (w/o. reflector and accessories)	1.7 kg (3,7 lbs)
Stand adapter	For broncolor 12 mm (0.47") bolt, 3/8" screw thread and 16 mm (0.63") bolt
Accessories	MobiLED continuous lighting adapter



Subject to change in the interest of technical developments. Made in Switzerland. broncolor, VISATEC, kobold and bron are registered trademarks.

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