

MOBIL CORDLESS.



BRONCOLOR MOBIL - ALWAYS HANDY.

ARE YOU LOOKING FOR A CORDLESS POWER PACK WITH HIGH POWER OUTPUT PLUS A MODELLING LIGHT? A HANDY FLASH UNIT WITH A COMPACT LAMP BASE THAT LETS YOU USE THE ENTIRE RANGE OF BRONCOLOR REFLECTORS? THEN THE BRONCOLOR MOBIL IS PERFECT FOR YOU: A POWER PACK THAT DOES EVERYTHING, THAT YOU CAN TAKE ANYWHERE. AND IT'S AFFORDABLE, TOO: THE BRONCOLOR MOBIL IS WITHIN EASY REACH IN EVERY RESPECT.

Compatible with the broncolor product range.

Mobil is compatible with all broncolor power packs, compact units and lamp bases up to 3200 J.

It goes where you go.

The broncolor Mobil power pack is cordless. Thanks to its lightweight, compact design, it's also convenient to carry. A plug-in battery and the ejector springs let you change batteries in seconds.

Featherweight class.

The Mobil weighs only 7 kg (15.4 lbs), and is smaller than most camera cases. Its simple design with no protruding edges makes it easy to transport, so "location work" becomes a pleasure.

Ideal for the studio, too.

With its plug-in Studio Booster, the broncolor Mobil can also be used as a full-featured studio power pack with 1500 J of output and up to a 1300 W modelling light. When used with the Studio Booster, the modelling light on studio lamps operates normally, and five proportionality levels are available for matching the modelling light and the flash output with other broncolor flash units.



Mobilite: the right lamp for Mobil.

For its battery-operated power pack, broncolor has developed the compact, lightweight Mobilite lamp. The reflector is built in. Flash tubes and halogen modelling lamps simply plug in. Along with special compact accessories, a Pulso adapter can be added so that lightweight reflectors and accessories from the broncolor product range can be used. The Mobilite can also be used on any other broncolor power pack (without modelling light and fan), and will handle up to 1600 J.

Lots of light.

At full power, the Mobil will yield up to 140 flashes per charge. Exposure measurement indicates an aperture of $22^{4/10}$ at 2 metres (6½ ft.) and 100 ISO with a light angle of 130° on battery power. When the Studio Booster is used in combination with the Mobil power pack, the aperture improves by half an f-stop to $22^{9/10}$.

No cable mess.

In addition to a synchro cable jack and a manual trigger button, the Mobil also has a photocell with disable feature as well as a selectable infrared receiver. With the broncolor infrared transmitters and meters, flashes can be triggered in the studio wirelessly at distances up to 10 metres (32 ft.).

Economical.

Because they can be used both in the studio and on location, the Mobil and Mobilite are an economical alternative that gives you lots of effective illumination.

More convenience.

The Mobil's flash energy can be adjusted over a four f-stops range in $1/10$ f-stop increments, and distributed to one or two lamps. That lets you adjust the light for even the most difficult situations. The halogen modelling light delivers up to

100 when one Mobilite is connected, and 50 W each when two lamps are used. In the battery-powered operating mode, an automatic cut-off circuit extends battery life. The time interval after which the unit automatically shuts off is adjustable. This feature increases the number of flashes per charge.

In Studio Booster operation, the powerful modelling light of the Pulso lamps is available. It can be made automatically proportional over the entire output range.

Analogue and digital.

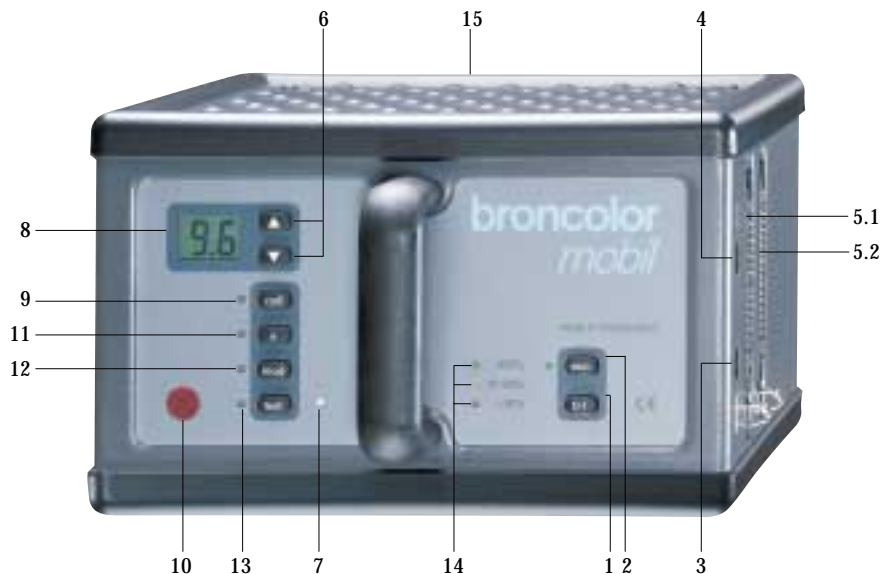
When output is reduced, the excess energy is discharged internally, so your flashes always have the output you set. Mobil offers an excellent repeatability for digital photography.

Easy operation.

The well-organized control panel with its dust-proof silicone keypad and digital display reduces operator error and provides exact information about output settings. Wear-resistant, indestructible keypads improve reliability.

The LCD displays the total energy selected; illuminated keys are easy to read even in darkness.

The flash monitor indicates whether the connected flash tubes have in fact fired, and shows when the unit is ready to trigger again.



- | | | |
|---|--|--|
| 1 Switch (on/off) | 8 Digital master power display | 13 Test key, green ready lamp |
| 2 Switch for slow charge (eco) | 9 Photocell (on/off) | 14 Display energy level of the battery |
| 3 Battery charger socket for rechargeable battery | 10 Infrared receiver | 15 Plug-in battery |
| 4 Sync socket | 11 Infrared receiver (on/off) | |
| 5.1 Outlet I | 12 Modelling light (on/off) / Choice of the proportional level of modelling light when using with Studio Booster | |
| 5.2 Outlet II | | |
| 6 Master power selector (±) | | |
| 7 Photocell | | |

ON LOCATION.

WITH ITS 7 KG (15.4 LBS) YOU CAN TAKE MOBIL WHEREVER YOU GO. ITS GREAT ENERGY STORAGE – UP TO 140 FLASHES PER CHARGE AT FULL POWER – GIVES THE PHOTOGRAPHER THE FREEDOM TO BE CREATIVE.



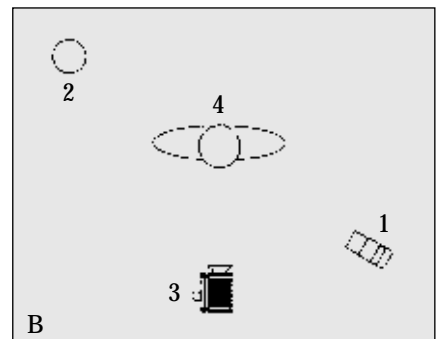
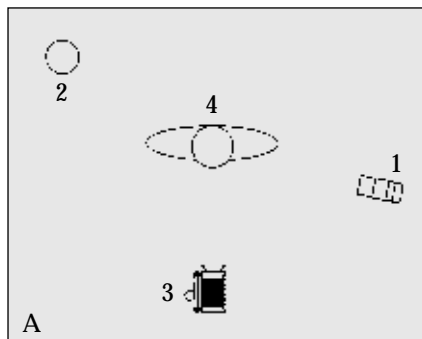
Set-up of the sculptor:

Camera: 6×6
Lens: 40 mm
f-stop: f:11.0
Shutter speed: 1/15 s
Film: 100 ISO
Light source: Mobil power pack with Ringflash



Legend to page 5:

- 1) Mobil
- 2) Sun
- 3) Camera
- 4) Model





A



B

COMPACT AND UNIVERSAL.

TO MATCH ITS BATTERY-OPERATED POWER PACK, BRONCOLOR HAS DEVELOPED THE MOBILITE SMALL LAMP, WITH LOW WEIGHT AND COMPACT DIMENSIONS. IN ADDITION TO SPECIAL COMPACT ACCESSORIES, THE PULSO ADAPTER CAN BE USED TO ATTACH LIGHTWEIGHT REFLECTORS AND ACCESSORIES FROM THE BRONCOLOR PRODUCT RANGE. THAT OPENS LOTS OF DOORS FOR YOUR CREATIVITY, EVEN ON LOCATION.

Mobilite - the mobile light.

Mobilite is just 20 cm (8") long and 8 cm (3") in diameter. Despite its small size, this compact lamp is equipped with a plug-in flash tube, a 50 W halogen modelling lamp, a UV-coated protecting glass, a built-in reflector, a cooling fan and all the requisite electronics. The modelling light (12 V, 50 or 100 W) can also be switched on at the lamp.

The tilt head, with catch lever and umbrella holder, is built in. The cooling fan allows long flash series. A thermal protection monitors the electronics. The elegant handle makes it easy to direct light. Mobilite can also be used with any other broncolor power pack (without modelling light), and can handle up to 1600 J.

Small but sophisticated.

Special accessories are available for Mobilite. When a Pulso adapter is mounted on the Mobilite, lightweight reflectors and accessories from the broncolor product line can also be used (e.g. Pulsoflex EM 80×80 or 40×155).



Mobilite with barn door



Mobilite with attachment, 3 honeycomb grids and 2 aperture plates



Mobilite with Pulso adapter to use broncolor lightweight reflectors and accessories



Battery change in the twinkling of an eye.

Power pack settings are retained for a few minutes whilst you change batteries (or switch off mains (AC-line) power). With

a broncolor charger, you can charge batteries via a socket on the unit, alternatively charging can take place outside the power pack. The charger recognizes the charging state of the battery and prevents

overcharging even when connected over a longer period of time. The Mobil battery has no memory effect, and can operate in any position.

Accessories: Separately or in a kit.

broncolor offers different accessories enabling you to fit Mobil to your individual demands: Studio Booster for all mains voltages, plug-in battery, charger with connecting cable, a bag to the power pack and a travel bag to the Mobil Travel Kit.



Mobil Travel Kit: Everything you need.

The Mobil and Mobilite are also available as a kit.

The Mobil Travel Kit contains:

- 1 Mobil battery-operated power pack
- 1 Mobilite small lamp with flash tube, protecting glass and modelling lamp
- 1 charger
- 1 travel bag

The handy bag has room for an extra Mobilite, a spare battery, and accessories.



TECHNICAL DATA.

Mobil



	Battery operation	Operation with mains (AC-line) adapter
Flash energy	1200 J	1500 J (Japan: 1200 J)
f-stop at a distance of 2 m (6½ ft.), 100 ISO, P70 reflector	45 ⁶ / ₁₀	45 ⁹ / ₁₀ (Japan: 45 ⁶ / ₁₀)
Flash duration t 0.1 (t 0.5) 1 lamp 2 lamps	1/230 (1/680) s 1/360 (1/1100) s	1/220 (1/650) s 1/330 (1/1000) s
Charging time (for 100% of selected energy)	1.5–6 s quick charge 2–13 s slow charge	0.6–2.4 s (230 V) 0.6–2.4 s (120 V) 0.7–2.9 s (100 V)
Slow charge	To prolong battery life	–
Ready display	Visual and audible (can be switched off), signals when 100% of selected energy is reached	
Lamp base connections	2	2
Power output distribution	Symmetrical	Symmetrical
Controls	Illuminated silicone keyboard, resistant to dust and scratches, LCD display	
Control range	4 f-stops in 1/10 f-stop increments (1:16)	
Modelling light (halogen)	2 × 50 W (with Mobilite) or 1 × 100 W Automatic switch off changeable to 20 s to prolong battery life	2 × 650 W at 200–240 V 2 × 250 W at 100–120 V (Picolite: 2 × 150 W at 115–230 V) Full, proportional to flash energy, 5 prop. levels, adjustable to other broncolor power packs and compact units and their different output levels
Flash release	Manual release button, sync cable, selectable photocell, or wireless via built-in selectable infrared receiver, FCC, IRX2, IRQ	
Number of flashes per fully charged battery	Quick charge: approx. 100 at full output Slow charge: approx. 140 at full output	
Stabilized flash voltage	± 1%	
Standards	EC standard 73/23, UL 122	
Power requirements	220–240 V / 50 Hz: 10 A 110–120 V / 60 Hz: 16 A 100 V / 50 Hz: 16 A	
Dimensions	235 × 144 × 275 mm	235 × 144 × 332 mm
Weight	7 kg (15.4 lbs)	
Accessories (not included in the delivery)	Studio Booster, additional plug-in battery, charger with connecting cable, plug to charger, bag to the power pack, travel bag to the Mobil Travel Kit	

Mobilite



Flash energy	max. 1600 J
f-stop at a distance of 2 m (6½ ft.), 100 ISO	1200 J: 22 ⁴ / ₁₀ with lamp angle 130° 1600 J: 22 ⁹ / ₁₀ with lamp angle 130°
Modelling light (fuse value)	12 V/50 W halogen (5 AF)
Length of cable	3.5 m (11.4 ft.)
Cooling	Fan 12 V, only switches on when necessary
Dimensions	Overall 205 × 135 mm, diameter 80 mm
Weight with cable	1.25 kg (2.8 lbs)
Stand adapter	For bolts broncolor and Manfrotto 16 mm
Accessories (not included in the delivery)	Flash tube, halogen modelling lamp, clear protecting glass, mat protecting glass (both UV-coated), barn door, attachment with 3 honeycomb grids and 2 aperture plates, Pulso adapter, twin articulated arm in 3 parts, stand clamp, adapter to Satellite Evolution, extension cable 3.5 m

Subject to change in the interest of product enhancement.

Mobil power packs and Mobilite small lamps are the result of many years of broncolor experience and cutting-edge technology. To allow the customers to benefit from future advances, broncolor offers

a software update service through your broncolor dealer for the entire service life of your Mobil power packs. Carefully selected components and robust design guarantee maximum reliability

even under difficult conditions. We offer a 2-year factory warranty. broncolor: your best investment for the future. Made in Switzerland.


THE LIGHT

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