

MOBIL A2R

Unplugged



www.broncolor.com

Mobil A2R

Always and everywhere

Are you looking for a small, mains-independent power pack with high light output and a bright modelling light? A handy flash unit with a compact lamp base that enables you to use the full range of broncolor reflectors? That's where broncolor's Mobil A2R comes in, a power pack that can do everything and that you can take everywhere you go. A broncolor power pack with short charging times. At an affordable price. The broncolor Mobil A2R is attractive in every respect!

ALWAYS ON HAND

The broncolor Mobil A2R power pack is mains-independent. It is lightweight and compact and very convenient to carry along. The special locking device and the ejector spring let you replace the rechargeable battery in a breeze. The battery of the Mobil A2R 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.

Its ingenious design without protruding edges makes it easy to transport. Shedding light on location becomes a pure pleasure.

SYMMETRICAL AND ASYMMETRICAL

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

AMPLE POWER

The Mobil A2R delivers up to 130 flashes per charge at full output and 170 flashes in the normal charging mode. At minimal flash output, you can even get 2000 flashes out of a charge (without modelling light) – plenty of scope for creative sessions

WIDE CONTROL RANGE

The flash energy of the Mobil A2R 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 asymmetrical mode, a control range of up to 6 f-stops is available!

A LIGHTWEIGHT

The Mobil A2R weighs 9.2 kg (20.3 lbs) and is smaller than a camera case.



Mobil A2R with Mobilite 2





SHORT CHARGING TIMES

At full output, the charging time of the Mobil A2R 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 A2R is a mere 1/680 seconds (t 0.5).

IDEAL IN THE STUDIO AS WELL

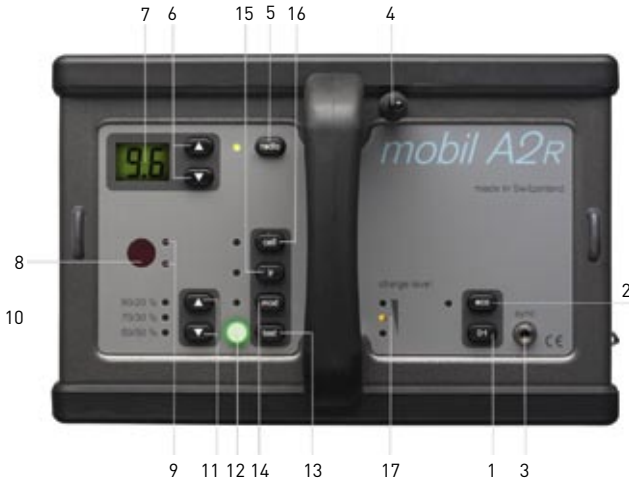
With this flash unit, you can simultaneously flash and recharge the battery when you're connected to a mains power outlet. When the Mobilite 2 lamp is

connected, its 12 V modelling light is in operation. The Mobil A2R 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.

COMPATIBLE WITH THE BRONCOLOR PRODUCT RANGE

The Mobil A2R is compatible with all broncolor power packs, monolights and lamps. The adapter supplied as an accessory makes it possible to use the full range of broncolor reflectors: 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.



Controls and displays

1. Switch „on/off“
2. „eco“ switch for normal charge
3. Sync socket
4. Radio antenna
5. Radio on/off
6. Master power selector „up/down“
7. Flash energy control display
8. IR receiver cell
9. Photocell
10. Power output distribution display
11. Power output distribution key
12. Green ready lamp
13. Test key
14. Modelling light on / off
15. IR receiver on / off
16. Photocell on / off
17. Battery charge status display
- 18.1. Outlet I
- 18.2. Outlet II
19. Charge socket for battery in power pack
20. Plug-in rechargeable battery
21. Charge socket for rechargeable battery

HIGH PERFORMANCE

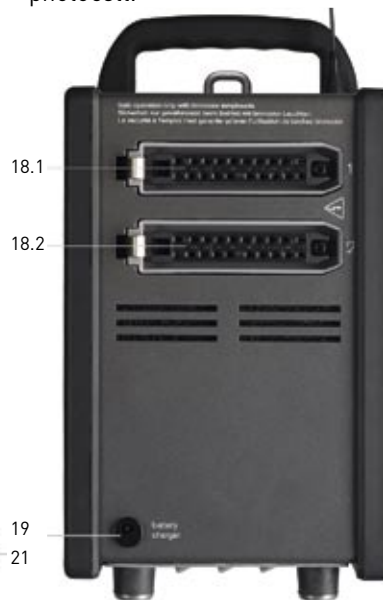
At a distance of 2 m (6.5 ft) and with a light angle of 130°, the exposure meter indicates an f-number of 22 4/10.



With a Pulso G lamp and a focussed P70 reflector, more than 2 additional f-stops are possible: 45 5/10! The automatic switch-off feature protects the battery. The switch-off time delay of the modelling light is selectable. This increases the number of flashes per charge. The halogen modelling light delivers up to 100 W with one Mobilite 2. When operating with two Mobilite 2 lamps, you can plug-in 100 W per lamp.

RADIO RELEASE

The latest-generation RFS triggers the flash unit over distances of approx. 200 m (656 ft) outdoors and is already integrated in the Mobil A2R. The RF signal penetrates thin separating walls. The broncolor RFS transmitter is used for triggering the flash units. In addition to the sync cable connection and the manual release key, the Mobil A2R is also equipped with a selectable photocell.



You can thus trigger flashes wirelessly using the IRX2 infrared transmitter up to a distance of 10 m (33 ft).

ABSOLUTELY AFFORDABLE

The Mobil A2R and Mobilite 2 are an attractively priced alternative for lots of light and effective lighting because they 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.

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 the next shot.

ACCESSORIES

High-speed chargers (US, Japanese and European versions) with bag for Mobil A2R Travel Kit.



Mobil A2R

Range of accessories



MOBILITE 2 – THE LAMP FOR MOBIL A2R

The Mobilite 2 is less than 20 cm (7.9") long and has a diameter of 8 cm (3.1"). Despite these compact dimensions, this small lamp is equipped with a plug-in flash tube, a 100 W halogen modelling light, a UV-coated protecting glass, an integrated reflector, a cooling fan, and all the required circuitry. The modelling light (12 V, 100 W) can also be actuated at the lamp.

The pan-tilt head with catch lever and umbrella holder is built in. The cooling fan enables long flash sequences. The thermal circuit breaker monitors the electronic circuitry. The elegant handle facilitates light control. The Mobilite 2 can also be used with all other broncolor power packs (without modelling light) and is rated for up to 1600 J.

SMALL AND SOPHISTICATED

Special accessories are available for Mobilite 2: for example the Fresnel spot attachment, the projection attachment and the Picobox, the small light box with a lamp surface of 15 x 25 cm (5.9 x 9").

Lightweight reflectors and accessories from the broncolor range can be used with the Pulso adapter. This means that even on location, there are no limits to your creativity.



broncolor System

POWER PACKS



Grafit A2 / RFS
31.166.XX / 31.169.XX
Grafit A4 / RFS
31.176.XX / 31.179.XX



Verso A4 / RFS
31.032.XX / 31.033.XX
Verso A2 / RFS
31.030.XX / 31.031.XX
Power Dock
for Verso A2 / A4 / RFS
36.124.00



Topas A2 / RFS
31.168.XX / 31.173.XX
Topas A4 / RFS
31.178.XX / 31.174.XX
Topas A8 Evolution / RFS
31.184.XX / 31.183.XX

LAMPHEADS



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

Reflectors are not included

EFFECT LAMPS



Ringflash C
32.462.XX
Ringflash P
32.461.XX
Litestick
32.451.00
Balloon
33.161.00

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
Reflector P-Travel
33.103.00
Softlight reflector P
33.110.00
Reflector PAR
33.113.00
Wide angle reflector P120
33.112.00
New soft reflector
for Ringflash C
33.123.00
Spot attachment
33.640.00
Optical snoot 150 mm
5500 K for Pulso-Spot 4
33.620.55
Conical snoot
33.120.00
Pulso adapter
for Mobilite 2 / Pico
33.501.00
Attachment with 3 honeycomb
apertures for Mobilite 2 / Pico
33.204.00

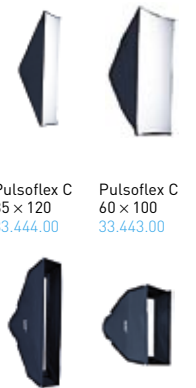
SPECIAL REFLECTORS



Satellite Staro
33.151.00
Satellite Evolution
33.150.00
Mini-Satellite
33.152.00
Para 170 FB
33.484.00
Para 220 FB
33.485.00
Para 330 FB
33.486.00

Stands are not included

SOFTBOXES



Pulsoflex C
35 x 120
33.444.00
Pulsoflex C
60 x 100
33.443.00
Pulsoflex EM
30 x 110
33.424.00
Pulsoflex EM
35 x 60
33.415.00



Mobilite A2R
31.011.XX

Nano 2
31.151.XX
Nano A4
31.172.XX

MONOLIGHTS



Minicom 40 / RFS
31.405.XX / 31.406.XX



Minicom 80 / RFS
31.415.XX / 31.416.XX



Minipuls C200
31.449.XX

Reflectors are not included

SPECIAL ACCESSORIES



Transmitter RFS
36.130.00



Transceiver RFS
36.131.00



Infrared transmitter IRX 2
36.116.00



Boxlite 40
32.341.XX



Picobox
33.128.00



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



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



Hazylight-Soft
33.513.00



broncolor Floorer
32.431.00



Pulso-Spot 4
32.425.XX



Projection attachment
for Picolite
33.641.00



Barn door with 4 wings
for P 65, P 45 and PAR
33.246.00
Barn door with 4 wings
for P 70
33.247.00



Barn door with 4 wings
for Mobilite 2 / Picolite
33.244.00



Honeycomb grids and
reflector for P 50 / Picolite



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 for Ringflash C,
set of 3 pcs.
33.219.00



Honeycomb grids for P 50,
set of 3 pcs.
33.205.00
Honeycomb grids for P 65, P 45
and PAR, set of 3 pcs.
33.206.00
Honeycomb grids for P 70,
set of 3 pcs.
33.207.00



Pulsoflex C
70 x 70
33.441.00



Pulsoflex C
80 x 140
33.446.00



Pulsoflex C
100 x 100
33.442.00



Pulsoflex C
150 x 150
33.445.00

Adapter ring and stands
are not included

UMBRELLAS



Umbrella silver 82 cm (32.3")
33.459.00
Umbrella silver 102 cm (40.2")
33.452.00
Umbrella transparent 102 cm (40.2")
33.454.00
Umbrella white 82 cm (32.3")
33.460.00
Umbrella white 102 cm (40.2")
33.453.00



Umbrella reflector
33.496.00



Pulsoflex EM
40 x 155
33.425.00
Pulsoflex EM
50 x 50
33.406.00
Pulsoflex EM
55 x 95
33.416.00
Pulsoflex EM
80 x 140
33.417.00
Pulsoflex EM
80 x 80
33.407.00
Pulsoflex EM
110 x 110
33.408.00



ACCESSORIES MOBILITE 2



Mobilite 2 with barn door



With 3 honeycomb grids and 2 aperture masks



Projection attachment



Fresnel spot attachment



Pulso adapter



Picobox



Lamp extension cable 3.5 m (11 ft) for Mobilite 2



TRAVEL KIT MOBIL A2R

- 1 power pack Mobil A2R incl. battery
- 1 Lamp Mobilite 2
- 1 Charger
- 1 Shoulder strap
- 1 Synchro cable
- 1 Carrying bag

ACCESSORIES:

INDIVIDUALLY OR AS A KIT

To adapt the Mobil A2R 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 A2R Travel Kit, you have everything you need for on-location shots: the Mobil A2R battery power pack, the Mobilite 2, and the charger, conveniently packed into a practical travel bag which even accommodates an additional Mobilite 2 or a second rechargeable battery as well as other accessories.

Technical data

Mobil A2R and Mobilite 2



Mobil A2R	
Flash energy	1200 J
f-stop at 2 m (6 1/2 ft), 100 ISO	Reflector P70: 45 6/10, with Mobilite 2: 22 4/10
Flash duration t 0.1 (t 0.5)	1 lamp 1/230 (1/680) s, 2 lamps 1/360 (1/1100) s with symmetrical power distribution
Charging time (for 100% of selected energy)	0,8 – 2,9 s fast charge 1,2 – 5 s normal charge mode
Slow charge	To protect the rechargeable battery
Ready display	Visual and audible (can be switched off), signals when 100% of selected energy is reached
Lamp outlets	2
Power distribution	Symmetrical/asymmetrical 50/50%, 70/30%, 80/20%
Control range	4 f-stops in 1/10 f-stop intervals (1:16), with asymmetry over 6 f-stops
Modelling light (12V, halogen)	1x100 W or 2x100 W. On time setting limited to 20 s to protect the rechargeable battery. If desired, also longer - up to 80 s.
Flash release	Manual release button, sync cable, FCM 2, FCC, IRX 2, IRQ, selectable photocell or wireless via built-in selectable infrared and radio-frequency receiver
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)
Number of flashes per fully charged battery	Fast charge: approx. 130, normal charge: approx. 170
Stabilised flash voltage	+/- 0,5 %
Dimensions	240x152x294 mm / 9.4 x 6 x 11.6"
Power requirements	220-240 V / 50 Hz, 110-120 V / 60 Hz, 100 V / 50 Hz
Weight	9,2 kg / 20.3 lbs



Mobilite 2	
Flash energy	max. 1600 J
f-stop at 2 m (6 1/2 ft), 100 ISO	1200 J : 22 4/10 at lighting angle 130°. 1600 J : 22 9/10 at lighting angle 130°
Modelling light (12 V)	12 V / 100 W halogen (10 AF)
Length of cable	3,5 m / 11 ft
Cooling	Fan 12 V, switches on when needed
Dimensions	Overall 205 x 135 mm, diameter 80 mm / 8 x 5.3", diameter 3.1"
Weight with cable	1,25 kg / 2.7 lbs
Stand adapter	for broncolor and 16-mm Manfrotto bolts
Accessories (not included in scope of delivery)	Mat protecting glass, barn door, attachment with 3 honeycomb grids and 2 aperture masks, Pulso adapter, Fresnel spot attachment, projection attachment, Picobox, lamp base extension cable 3.5 m / 11 ft, bracket for Satellite Evolution.

Subject to change due to technical development.

Mobil A2R power packs and Mobilite 2 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 A2R 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.



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