

Product designation

LOGOS 800 BC

200 - 240 V / 50-60 Hz

Article no. 51.070.00

100 - 120 V / 50-60 Hz

Article no. 51.071.00

Product description

Monolight controlled by microprocessor with interlocking broncolor bayonet, which permits a 360° rotation of the mounted broncolor light shapers. 300 J / 300 Ws flash energy (100 V version: 250 J / 250 Ws), control range over 4 f-stops in 1/1 or 1/10 f-stop increments, high repetitive precision for digital imaging, internal discharge in case of a reduction of power. Infrared-sensitive photocell (can be switched off). Modelling light with 6 different proportionality levels compatible with all VISATEC flash systems and the various power levels. Monitoring of the modelling light. Front panel with illuminated digital display, LED line as well as a user-friendly keyboard. Dim or boost function of the modelling light during charging, visual and audible ready display (buzzer can be switched off). Can be switched to slow charging mode. Fan cooling for long flash sequences, robust metal housing with integrated umbrella holder, big handle, thermal protection and overload circuit breaker. Integrated tilt head with locking lever. Stand adapter for 12 mm 0.47 inch / and 16 mm / 0.63 inch bolts.

Additional function: Sequences (serial flashes)

Mains voltage

LOGOS 800 BC is available in two different versions:

- a) as bi-voltage unit, of which the technical data are optimised for the mains voltage 200 - 240 V. If this version is operating on mains voltage of 100 – 120 V, a doubling of the charging time results.
- b) as unit, which is exclusively designed for a mains voltage of 100 - 120 V.

Scope of delivery

Unit with flash tube, modelling lamp, protecting glass, protection cap, mains cable and operating instructions.

Data sheet

Technical data

Flash energy	300 J (100 V: 250 J)
f-stop at a distance of 1 m (3.28 feet) 100 ISO, reflector P70	45 6/10 (100 V: 32 3/10)
Flash duration t 0.5 (t 0.1)	1/800 s (1/250 s) with mains voltage 110 – 240 V with mains voltage 100 V: about 20 % longer
Charging time (for 100 % of selected energy)	230 V / 50 Hz: 0,3 – 1,2 s 120 V / 60 Hz: 0,3 – 1,2 s 100 V / 50 Hz: 0,3 – 1,5 s Can be switched to slow charge mode
	With LOGOS 800 BC – version 230 V (bi-voltage): Automatic adaptation to the respective mains voltage <u>Attention:</u> The above mentioned charging times for 100 – 120 V do not apply to the bi-voltage version.
Controls	Illuminated digital display, LED line and keyboard
Control range of flash energy (100 V: 1/3 f-stop less)	over 4 f-stops in 1/10 f-stop increments (1:16)
Modelling light	Halogen max. 150 W Proportional to flash energy as well as „full“ and „low“ settings. Proportionality adjustable to all VISATEC flash systems and the different output levels
Flash release	Manual release button, infrared-sensitive photocell (can be switched off), sync cable, VISATEC flash release
Ready display	Visual and audible (can be switched off), signals when 100 % of selected energy is reached
Flash monitoring	Visual: Dim function of the modelling light or boost function Audible: Buzzer
Additional function	Sequences (serial flashes) up to 50 flashes
Number of sync sockets	2
Stabilized flash voltage	+/- 1 %
Cooling	Fan
Standards	EC standard 73/23, UL 122
Power requirements	200-240 V / 50-60 Hz: 6 A 100-120 V / 50-60 Hz: 10 A
Dimensions (L x W x H)	120 x 195 x 276 mm 4.72 x 7.68 x 10.87 inch
Weight kg	2,6 / 5.73 lbs

Compatibility

Light shapers	all broncolor light shapers
Remote release	VISATEC flash trigger

Accessories

Flash tube, coated, for LOGOS 800 / SOLO 800 B	Art.-Nr. 54.300.00
Flash tube, coated, for LOGOS 1600 / SOLO 1600 B	Art.-Nr. 54.301.00
Halogen modelling lamp 150 W / 120 V	Art. no. 54.254.XX
Halogen modelling lamp 150 W / 230 V	Art. no. 54.255.XX
Protecting glass, clear	Art. no. 54.400.59
Fuse 3.15 AF	Art. no. 37137.00
Mains cable CH 200-240 V	Art. no. 39084.00
Mains cable USA 100-120 V	Art. no. 39085.00
Mains cable Europe 200-240 V	Art. no. 39086.00
Protection cap for transport, grey	Art. no. Z3620.00
Bracket for suspended mounting	Art. no. 35.228.00

Special features

- This VISATEC monolight is equipped with a broncolor Pulso bayonet, and therefore configured for use with all the broncolor attachment accessories. The VISATEC attachment accessories cannot be used with this unit.
- the 230 V version of the LOGOS 800 BC is a bi-voltage unit
- Monitoring of the modelling light
(audible signal when operating mode is changed from 110-120 V to 200-240 V)
- option for releasing sequences (serial flashes)

If the monolight LOGOS 800 BC is used for longer flash sequences, we recommend to employ the flash tube for LOGOS 1600.

Attention: For safety reasons, never operate the monolight without protecting glass.

Application

All ranges of flash photography, especially for people and “on location”. Also suitable for digital imaging.