

Product designation

LOGOS 1600

200 - 240 V / 50-60 Hz

Article no. 51.050.00

100 - 120 V / 50-60 Hz

Article no. 51.051.00

Product description

Monolight controlled by microprocessor with interlocking VISATEC bajonet, which permits a 360° rotation of the mounted light shapers. 600 J / 600 Ws flash energy (100 V version: 500 J / 500 Ws), control range over 4 f-stops in 1/1 or 1/10 f-stop increments, high repetitive accuracy for digital imaging, internal discharge in case of a reduction of the power. Infrared-sensitive photocell (can be switched off). Modelling light with 6 different proportional levels compatible with all VISATEC flash systems and the various power levels. Controlling 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 1600 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	600 J / 600 Ws	(100 V: 500 J / 500 Ws)
f-stop at a distance of 1 m (3.28 feet) 100 ISO, normal reflector	64	(100 V: 45 7/10)
Flash duration t 0.5 (t 0.1)	1/600 s (1/150 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: 0,5 – 1,9 s 120 V / 60 Hz: 0,4 – 2,0 s 100 V / 50 Hz: 0,4 – 3,0 s	
	Can be switched to slow charge mode	
	With LOGOS 1600 – 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 inches	
Weight	3,1 kg / 6.83 lbs	

Data sheet

Compatibility

Light shapers	all VISATEC light shapers
Remote release	VISATEC flash trigger

Accessories

Halogen modelling lamp 150 W / 120 V	Art. no. 54.254.XX
Halogen modelling lamp 150 W / 230 V	Art. no. 54.255.XX
Flash tube, coated, for LOGOS 1600 / SOLO 1600 B	Art. no. 54.301.00
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

- the 230 V version of the LOGOS 1600 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)

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.