

ELECTRUS 16 W

TECHNICAL DATA SHEET



TESTED BY
DEVELOPED BY
ARCTOS
Showlasertechnik GmbH
Laser manufacturer in Bavaria



DIMENSIONS (without yoke and feet)

Height: 250 mm

Width: 300 mm

Length: 200 mm

Weight 17 kg (incl. yoke)

HOUSING MADE BY ARCTOS

Black powdered aluminium

Packaging: Cardboard Box

Flightcase on request

ELECTRUS 16 W SPECIFICATIONS | 100% ARCTOS DIODE LASERS

ELECTRUS 16W

Total RGB Output power

17.4 W (int.)

15.6 W (ext.)

Beam divergence

ARCTOS® Red Diode	637 nm	6.2 W	5.6 W	1.2 mrad
ARCTOS® Green Diode	520 nm	3.6 W	3.2 W	0.3 / 0.8 mrad
ARCTOS® Blue Diode	450 nm	7.6 W	6.8 W	0.3 / 0.8 mrad

LASERBEAM SOURCE

100% ARCTOS DLP controlled diode laser

ARCTOS® Blue Diode 445 nm or 460 nm / or mixed on request

LASERSYSTEM DATA

Beam diameter: 6 mm

Analog modulation: 0-5V up to 50 kHz

Operating voltage: 100-240 VAC

Power consumption: @ max. 850 W

Laser class: 4

IP Grade: IP 50 Standard (IP 54 on request)

ELECTRUS 16 W IN ACTION



LASERBEAM SHOWS

Splendid colors made for brilliant show applications

Powerful indoor and outdoor beamshows

For medium and large scale events

GRAPHIC PROJECTIONS

Graphic projection distance up to 500 m max.

Reasonable projection size up to max. 100 m x 100 m

Optimal for indoor & outdoor compact scale events

ELECTRUS 16 W HIGH-END RGB LASERSHOWSYSTEM MADE IN GERMANY



DEVELOPED FOR FLEXIBLE AND SIMPLE HANDLING

FOR MORE INFORMATION GET IN CONTACT | TEL: +49 (0) 8654 625 28 | INFO@ARCTOSLASER.DE

LASER SAFETY AND COMPONENTS

INTERFACES AND CONTROLS

Control:	ILDA standard
Safety:	Key switch; FDA scan-safe
Remote control:	Neutrik Ethercon
Scan image invert:	Invert-X; Invert-Y
Color adjustment:	Intensity R G B (0-100%)
Mains:	Neutrik Power Con
Thermal control:	TEC Peltier elements and AIR cooling

INTEGRATED PANGOLIN FB4

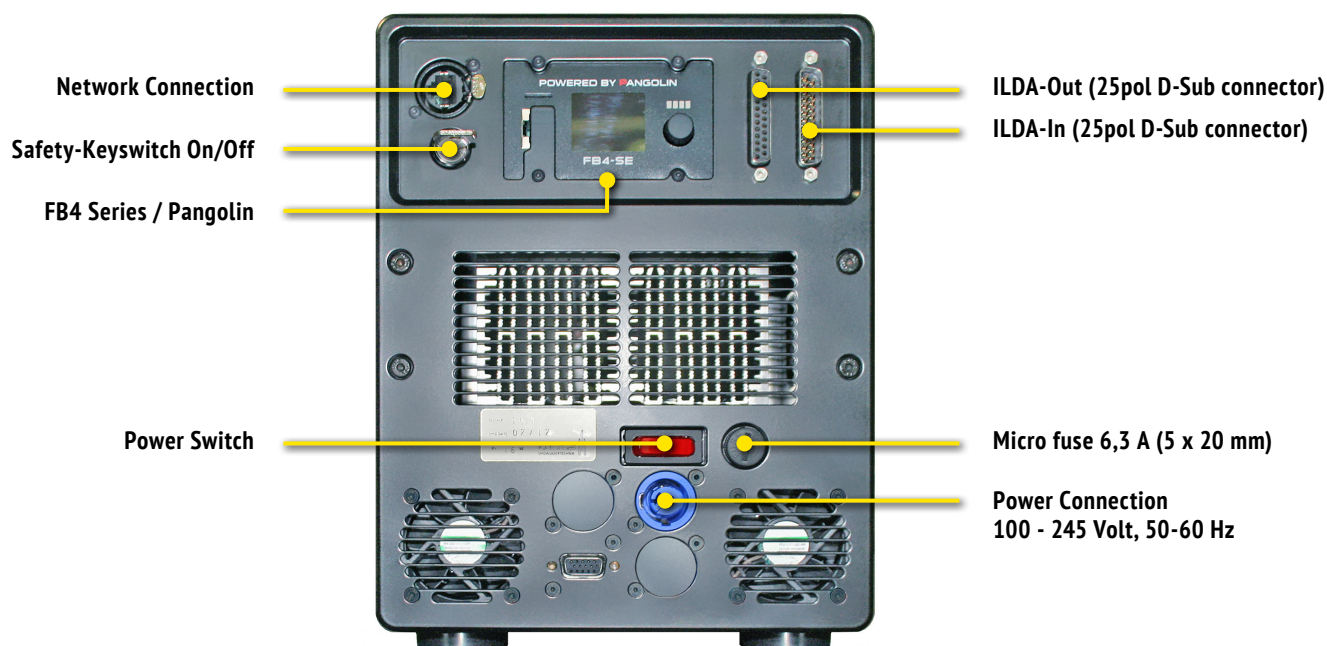
FB4 is a new customizable OEM hardware device, that allows you to control all projector and show control parameters, as well as giving you the ability to easily interface with other lighting and production equipment.

SCANNING SYSTEM

Scanner: EMS 8000

Scan angle: 50° max.

SIGNAL INTERFACE AND SOFT KEY FEATURES



Geometry

X/Y-invert /-size /-position

Color Settings

Digital RGB damping
Digital RGB bypass
Up to 6 analog mod. color channels

Scan Fail Safety

On/Off
Size control

DMX 512

Internal Pangolin
FB4 output card



© 2020 Copyright ARCTOS Showlasertechnik GmbH. Technical details and appearances are subject to change without notice. Errors excepted. All used logos and company names are trademarks or registered trademarks of the respective companies. All ARCTOS Lasersystems are subjected to copyright law. Manufacturer warranty standard time: 12 month or 5000h, what appears first. Scanners are not subject of warranty. All ARCTOS lasersystems are CE-/UL and TÜV conform, in compliance with CDRH USA and CANADA standards. ARCTOS Patent: EP 08 011 020.8-2222; 08 000 993.9; /1 953 881; Industrial Designs: 10 2006 044 989.4 A1; 10 2007 045 845.4-54 A1. While best attempts to ensure accuracy of all information in datasheets are made, some omissions are possible, please check all application critical specifications with ARCTOS Showlasertechnik GmbH.

WWW.ARCTOSLASER.COM

ARCTOS Showlasertechnik GmbH | Sägewerkstraße 16 | D-83416 Saaldorf-Surheim | Germany, Bavaria | info@arctoslaser.de | Phone +49 8654 625 - 28 | Fax - 47