

PL-XBO 500

Xenon Lamp Driver

Rev. 2001



- Up to 500 W
- Startup sequencing
- μ C Controlled
- Best Arc stability

Product Description

The PL-XBO is the perfect choice for driving XBO und HBO Short Arc Lamps like the OSRAM XBO 450W/2 or the Excelitas Ceramax. It can drive any lamp within the addressable current range between 6 and 30 A. The rated voltage should be between 12 and 20 V. The booster Voltage of up to 120 V (selectable between 60 and 120V) and the ignition with > 33 kV guarantees a cold and hot lamp ignition and re-ignition. The optional DMX control interface makes it flexible for all kinds of stage technologies.

Fields of operation:

- Microscopy
- Stage illumination at highest Ra
- Drone and helicopter searchlights
- Lab
- Cinema projectors
- Beamer
- Sky-Beamer

Technical Data*

Output current	6 .. 30 A
Compliance voltage	12 .. 20 V
Boost voltage	Typ. 108 V, max. 120 V
Ignition voltage	> 33 kV
Current ripple	< 3 %
Rated lamp power	75 .. 500 W
Supply voltage	24 .. 48 V > 6 V above lamp voltage
Cooling	Baseplate / air
Dimensions in mm	245 x 92 x 45
Weigth	566 g

* See manual for detailed information.

Optional Accessories: None