



PWR LIGHTING

PWRBLOX CONTROLLER

powered by Advatek®





PWRBLOX CONTROLLER DATASHEET

GENERAL

Product name	The PWR Blox Controller
Order PN	PWR-BLX-CTRL8
Description	Professional pixel controller for the event & entertainment industry
Compatability	Compatible with all fixtures in PWR BLOX series In case of using PWR BLOX Receiver, supports >60 SPI protocols for your own lighting fixtures

ELECTRICAL

Power input	110-240VAC, 50/60Hz
Power supply	900W/24VDC, 120W per port Every port individually fused at 6A
Operating temperature	-10 °C ~ +50 °C
Certification	IP65, C E

MECHANICAL

Housing	Powder coated metal housing in black finish
Dimensions	29 x 33 x 10 cm
Weight	12,86kg
Mounting	19 inch brackets, 2U rack mountable front & back side mounting plates incl.





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ETHERNET

Ethernet speed	Gigabit
DHCP addressing	Yes
Static IP addressing	Yes
Auto IP addressing	Yes
Connection	Dual IP65 ETHERcon port
Network redundancy	Yes, if the network supports STP+

PIXEL OUTPUT

Data out	PWR fixtures: UCS8904 Other fixtures: >60 SPI protocols
Data in	sACN / Art-Net
Connection	8 x IP65 - XLR4 pin female chassis connector
Data limitations	Max. 384 x RGBW pixels Max. 510 x RGB pixels Total 3 universes per output or 24 universes per PWR BLOX Controller





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FEATURES

SD Card

SD Card implementation
Supported by Advatek SHOWTime™

Allowing you to design, record and play
back pixel shows

Test Pattern

External test pattern trigger button allowing
to test your setup without incoming data

Advatek PixLite® Mk3 processor

Advatek provides the pixel control pcb &
user interface from their newest MK3 series
allowing PWR BLOX Controller substantial
benefits:

- Gamma correction for pixels of all
resolutions
- Extremely fast refresh rates
- Auto sync adjustments of in- & outcoming
frame rates

User interface

Advatek Assistant 3
(Windows, macOS, Linux)

Download:

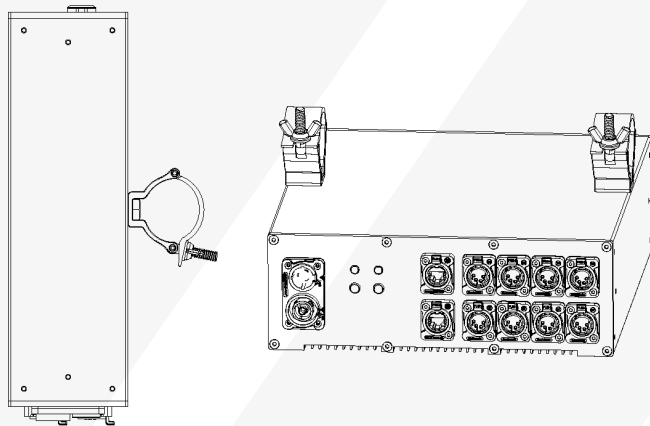
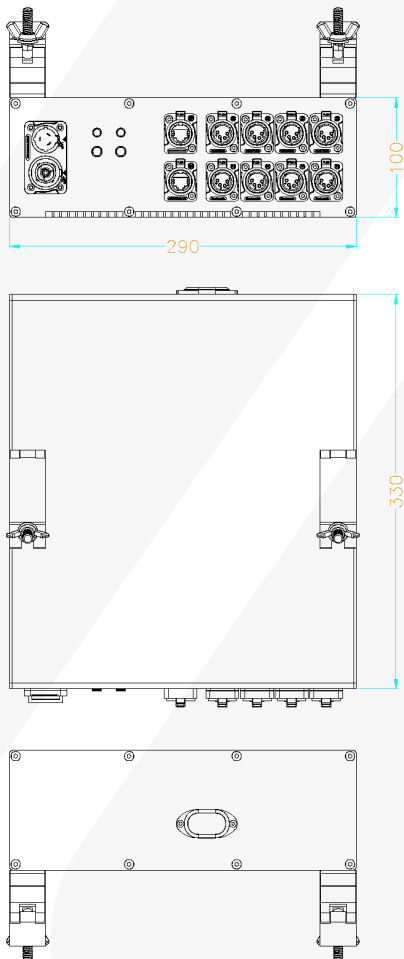


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