Datasheet QUIK PUNCH



QuikPunch is a high-output, battery-driven and zoomable Fresnel-based spotlight with a dedicated ChargingPlate and PrepBox, removable yoke and SafetyLink-ready barndoors.









SPECIFICATIONS

Order Code	AST-QUKPN			
LED Engine	Titan LED Engine			
Colors	RGBMintAmber			
Output Gain	Yes			
LED Power Draw	75 W			
Tungsten Equivalent	650 W			
CRI (Ra) / TLCI 3200 - 6500 K* (OutputGain disabled)	≥96			
Strobe	0 - 25 Hertz			
Battery Runtime	up to 20 hours			
Battery Runtime (max. Brightness)	4 hours 30 min			
Battery Lifetime	70 % after 500 cycles			
Charging Time (nominal)	5 hours 15 min			
AC Input	100 - 240 VAC, 50 / 60 Hertz 115 VAC - 0.6 A / 230 VAC - 0.3 A			
AC Connector	PowerCON TRUE1 IN / OUT			
Power Consumption (max.)	100 W			
Wired DMX	Yes			
CRMX Receiver	Built-in			
BluetoothBridge BTB	Built-in			
Wireless Protocols	CRMX, UHF, Bluetooth, WiFi			
Wireless Range	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds			
RDM Support	Wireless and wired			
Infrared Control	Yes			
PrepBox compatible	Yes			
IP Rating wired / unwired	IP65			
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F			
Weight	6.567 kg / 14.48 lbs			
Dimensions (L x W x D)	237.5 mm x 188 mm x 309 mm / 9.35" x 7.71" x 12.17"			
Mounting Options	AirlineTrack, 3/8" - 16 UNC thread, Yoke (with 3/8" - 16 UNC thread, 1/2" hole)			

All specifications provided are typical values and maybe subject to change without prior notice.

^{*}OutputGain is designed for event use; for the best color rendering, it must be deactivated. Astera doesn't provide colour rendering values for this feature since it was never intended to replace the high quality whites of Titan LED Engine. Maximum battery runtime is the same with and without OutputGain

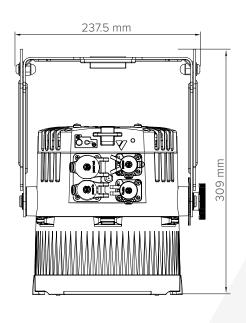
RF CHARACTERISTICS

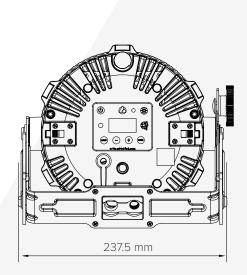
Wireless Modules	EU: UHF*** (863-870MHz)	USA: UHF (917-922.20MHz)	AUS: UHF (922.30-927.50MHz)	SGP: UHF (920.50-924.50MHz)	KOR: UHF (917.9-921.5MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW	<25mW
Channel Count	47	53	53	41	10

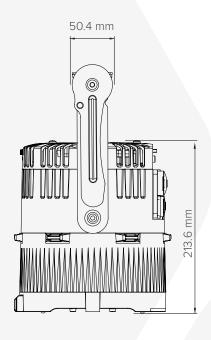
Wireless Modules	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)	Bluetooth 5.0 LE (2402-2480MHz)	WiFi (2412-2472MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	DSSS, OFDM
ERP (Transmitter)	<25mW	<25mW	-	10mW (BLE)	<100mW
Channel Count	6	19	79	40	13

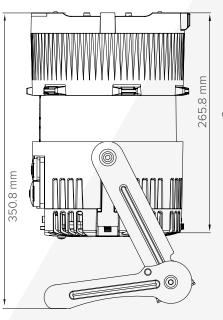
^{***}General allocation of frequencies for use by short-range radio applications

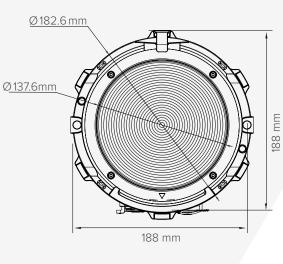
DRAWING

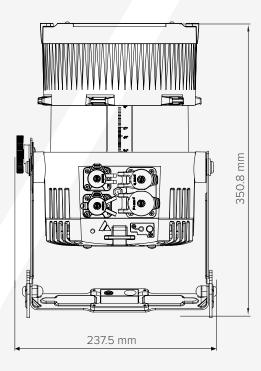






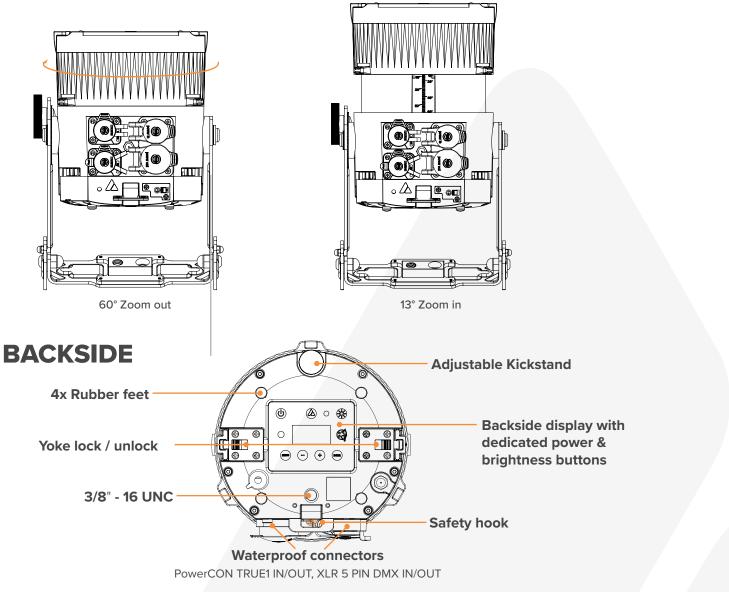


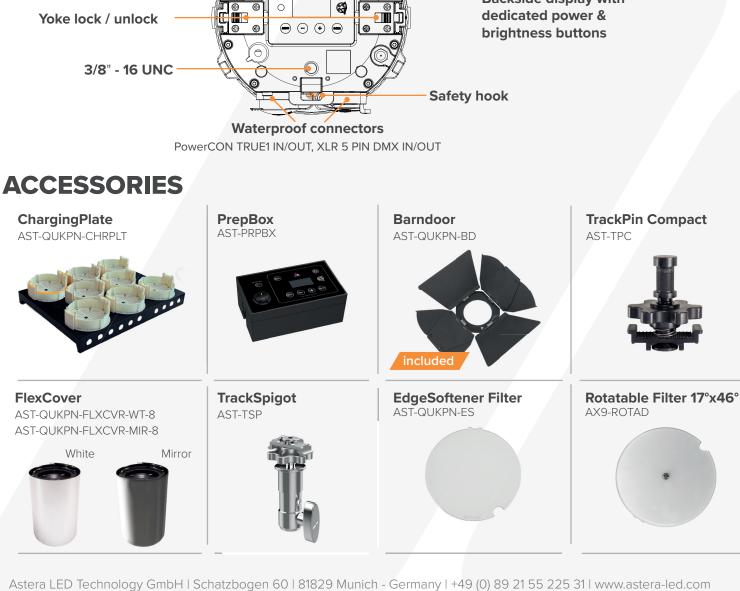


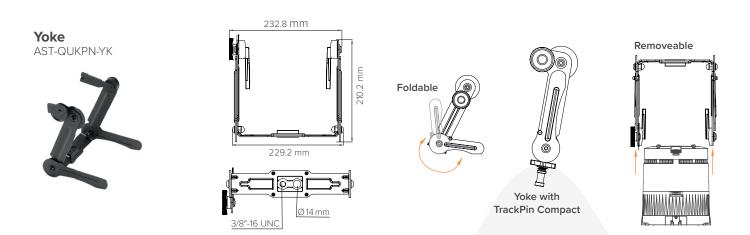


QUIK TURN

Rotate barrel counter-clockwise to zoom in. Zoom range: 13° to 60°







TYPICAL SPECTRAS

