

Datasheet





The Astera AX2-100/50 PixelBar is a professional RGB+Amber+Mint LED (TITAN LED Enginge) wall washer with ultra high TLCI/ CRI and excellent color rendering as well as Astera's flicker free PWM technology. Built-in CRMX and UHF Modules provide the same connectivity known from other Astera fixtures. Numerous professional features and mounting options make the AX2 a versatile IP 65 rated battery powered fixture for the Film, Broadcast and Event industry. This device was designed for indoor and outdoor use.

SPECIFICATIONS

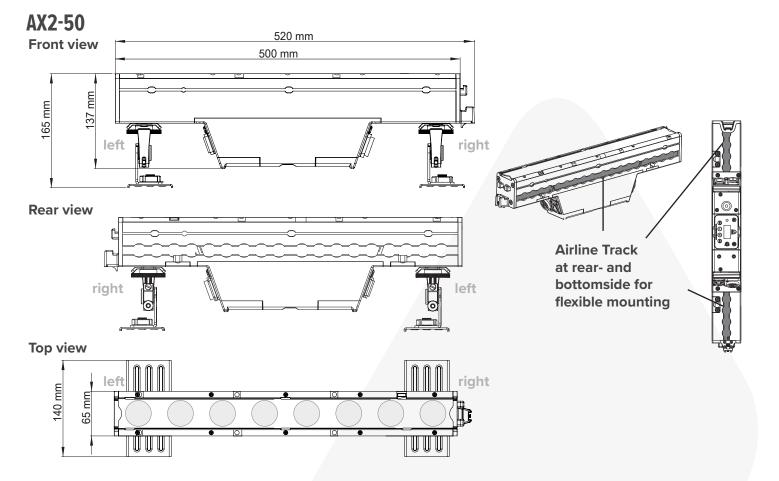
	Max 20h Wireless DMX	IP65 App	
Order Code	AX2-50	AX2-100	
LED Engine	TITAN LED Engine	TITAN LED Engine	
Colors	RGBMintAmber	RGBMintAmber	
Total LED Power	80W	160W	
Power Draw	40W	80W	
Light output - 2700k, 3200k,5500k*	1800lm, 2230lm, 2265lm	3600lm, 4460lm, 4530lm	
CRI(Ra)/TLCI 3200-6500k*	≥96	≥96	
Beam Angle	21°	21°	
Strobe	0 - 25Hz	0 - 25Hz	
Pixels	8	16	
Battery Lifetime	70 % after 300 cycles	70 % after 300 cycles	
Battery Runtime	up to 20 hours	up to 20 hours	
Charging Time (nominal)	5 hrs	5 hrs	
Input Voltage	100 - 240VAC, 50/60 Hz, 2A, 49W	100 - 240VAC, 50/60 Hz, 2A, 104W	
Wired DMX	Yes	Yes	
CRMX Receiver	Built in	Built in	
Wireless Frequencies	CRMX 2.4GHz, UHF	CRMX 2.4GHz, UHF	
Range	300m (330yds)	300m (330yds)	
Housing	Aluminium	Aluminium	
IP Rating	IP65	IP65	
Ambient Temperature	0° - 40° C (32° - 104° F)	0° - 40° C (32° - 104° F)	
Weight	4.5 kg (9.9 lbs)	7.4 kg (16.3 lbs)	
Dimensions with hook (mm/inches)	520 x 165 x 65 / 20.5 x 6.5 x2.6	520 x 165 x 65 / 20.5 x 6.5 x2.6 1020 x 165 x 65 / 40.1 x 6,5 x 2,6	
Dimensions without hook (mm/inches)	500 x 165 x 65 / 19.7 x 6.5 x 2.6 1000 x 165 x 65 / 39.4 x 6.5 x 2.6		

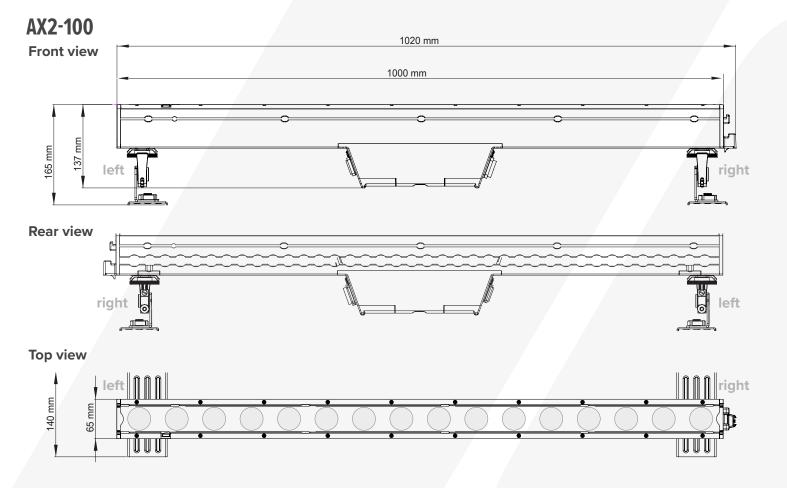
RF CHARACTERISTICS

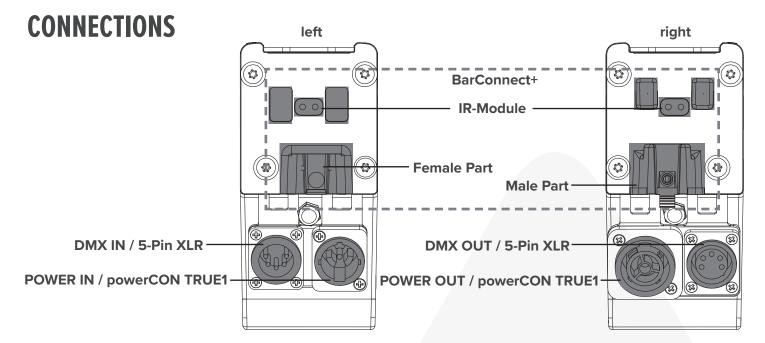
Wireless Modules	EU: UHF (863-870MHz)	USA: UHF (917-922.20MHz)	AUS: UHF (922.30-927.50MHz)	SGP: UHF (920.50-924.50MHz)
Modulation	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW
Channel Count	47	53	53	41
Wireless Modules	KOR: UHF (917.9-921.5MHz)	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)
Modulation	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	-
Channel Count	10	6	19	79

*Typical value

DRAWINGS







BARCONNECT+

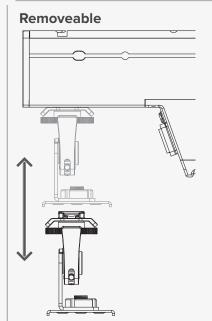
Quickly merge several PixelBars while maintaining the pixel pitch. Aim connected units together to maintain consistent lighting or hang them. The integrated IR modules enable auto-addressing for AsteraApp and DMX control.

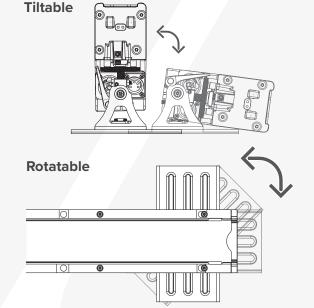
Connect AX2 1.

ACCESSORIES



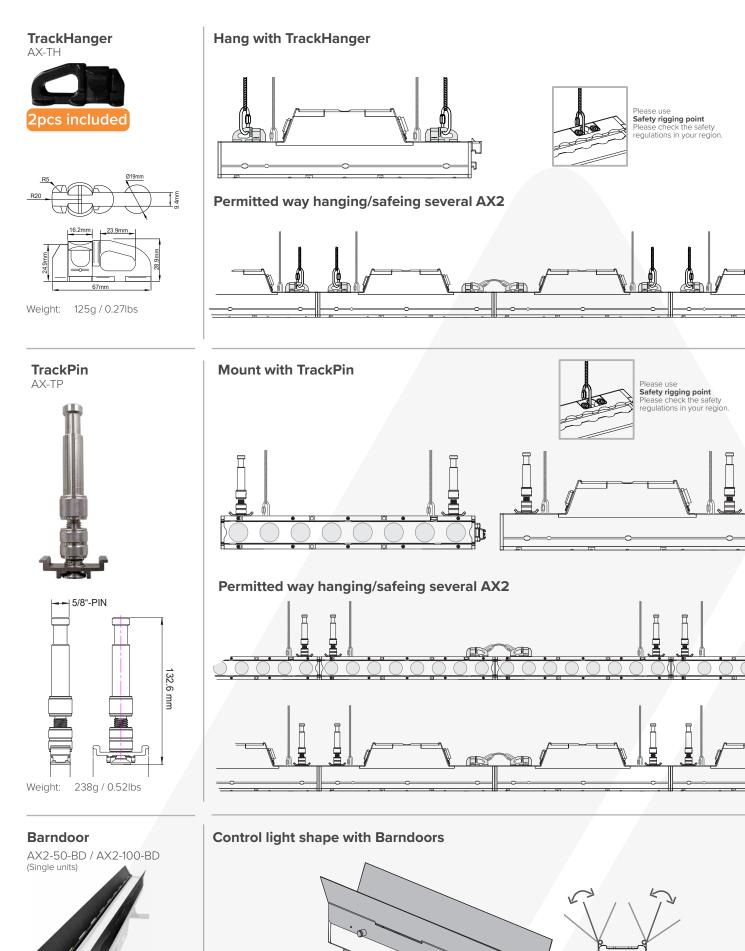
FEATURES





Weight (1pc): 390g / 0.86 lbs

Consistent pixel pitch between LEDs 62.5mm / 2.46 inch _ 62.5mm / 2.46 inch Ю 0 0 2. З. *Click*



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Weight (1pc): AX2-50 500g / 1.10lbs

AX2-100 990g / 2.18lbs

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LIGHT OUTPUT PERFECTLY MIXED



