



AX1 is a powerful pixel controllable LED RGBW baton that can be mounted at event and film sites to light up people and objects or create indirect lighting effects. A highly creative device that offers an infinite range of possibilities.



App



Wireless DMX



Max 20h



IP65

SPECIFICATIONS

	Helios Tube	Helios Tube BTB
Order Code	AX1	AX1-BTB
LED Engine		RGBW
Colors		RGBW
LED Power Draw		16 W
Luminous Flux 3200 K		723 Lumens
Luminous Flux 4000 K		725 Lumens
Luminous Flux 5500 K		717 Lumens
Light Output 3200 K @ 1 m		254 Lux
Light Output 4000 K @ 1 m		255 Lux
Light Output 5500 K @ 1 m		253 Lux
CRI (Ra)/ TLCI 3200 - 6500 K*		≤88
Beam Angle		120°
Field Angle		180°
Strobe		0 - 25 Hertz
Pixels		16
Battery Runtime		up to 20 hours
Battery Lifetime		70 % after 300 cycles
Charging Time (nominal)		7 hours
DC Input		48 VDC - 0.5 A
DC Connector		5.5 mm x 2.1 mm
CRMX Receiver		Built-in
BluetoothBridge BTB	No	Built-in
Wireless Protocols	CRMX, UHF	CRMX, UHF, Bluetooth, WiFi
Wireless Range	CRMX/UHF up to 300 m / 330 yds	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Infrared Control		Yes
IP Rating		IP65 (only with SiliconeCap)
Ambient Operating Temperature		0 - 40 °C / 32 - 104 °F
Weight		1 kg / 2.2 lbs
Dimensions (Ø x H)		Ø 43 x 1035 mm / Ø 1.6" x 40.7"
Mounting Options	2x M5 thread, 2x Holder (with 2x M5 and 1x 1/4" - 20 UNC thread), 1x TubeStand	

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

RF CHARACTERISTICS FP2

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)
Modulation	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	-
Channel Count	6	19	79

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

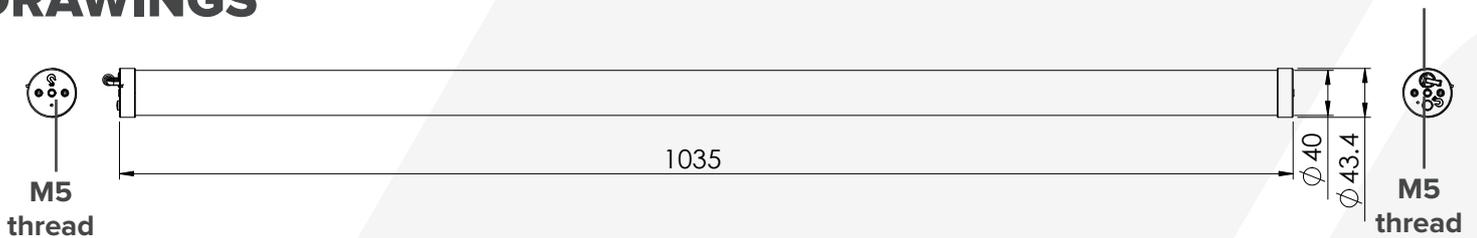
RF CHARACTERISTICS FP2-BTB



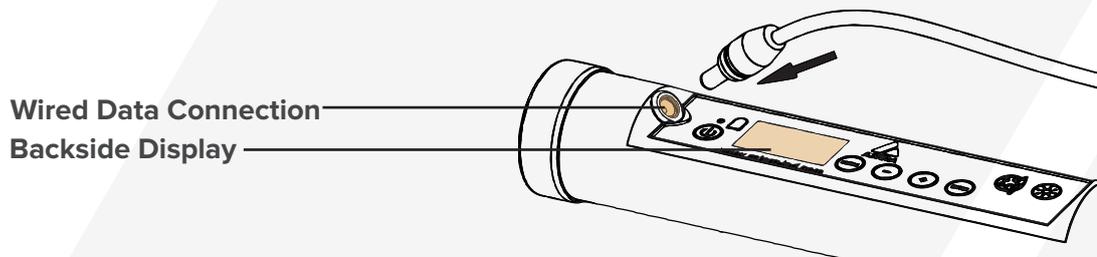
Wireless Modules	EU: UHF*** (863-870MHz)	USA: UHF (917-922.20MHz)	AUS: UHF (922.30-927.50MHz)	SGP: UHF (920.50-924.50MHz)	KOR: UHF (917.9-921.5MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW	<25mW
Channel Count	47	53	53	41	10

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

DRAWINGS



CONNECTIONS + DISPLAY



ACCESSORIES

FEATURES

TubeHolder
AX1-H



Fix tubes via screws or BabyPin to walls and structures



WingPlate
AX1-WP



Hang one Tube with BabyPin or connect several Tubes



CrossPlate
AX1-CP



Holds up to 4 Tubes



BabyPin
FP1-BLT



EyeBolt
FP1-EBLT



Extension Cable
AX1-EXC



**Titan Power/Data
Combination Cable**
5/10/15 m

FP1-PWB-CAB-5/10/15



**Extension Cable for
Helios, Titan, Hyperion
Tube 5m**

FP1-EXC



**Power Supply for
Titan and Helios Tube**
FP1-CHR



TubeStand
AX1-STD



CharginBox
AX1-CHB



Softbag for Titan and Pixel Tube
FP1-SB



Accessories by DoPchoice
SNAPBAG 1 PIXEL TUBE
 SBAAT21



SNAPBAG 3 PIXEL TUBE
 SBAAT22



SNAPGRID 40° PIXEL
Single Tube
 SGAT12W40



Pixel Tube Charging Case

AX1-CHRCSE



Can hold

- 8x FP2 Titan Tube**
(FP2)
- 1x PowerBox**
(FP1-PWB)
- 16x EyeBolts**
(FP1-EBLT)
- 16x Holder**
(AX1-H)
- 16x Babypin**
(AX1-BLT)

- 8x Stand**
(AX1-STD)
- 1x Charging Case for Helios Tube**
(FP2-CHRCSE1)
- 1x PowerCON TRUE1 cable**
- 8x DC Cables**
- 8x Waterproof covers for charging port**
(FP1/2-SP)
- Optional: **8x WingPlates**
(AX1-WP)

Dimensions
 1147 mm x 443 mm x 157 mm /
 45.15" x 17.44" x 6.18"

Weight (empty): 8.8 kg / 19.4 lbs
 Weight (full): 33 kg / 72.8 lbs

CHARGING & CONNECTING

With Titan PowerBox (FP1-PWB)

