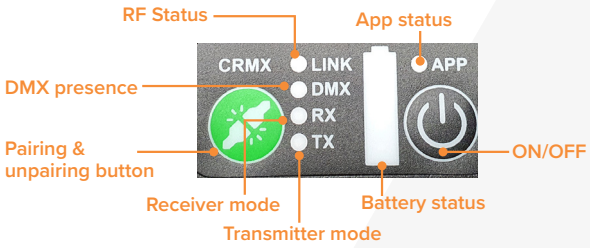
Datasheet ASTERA BOX

Date: 25-Jun-2024 Version: 4.0

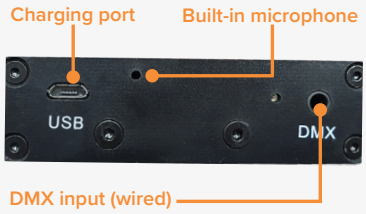


The AsteraBox is the interface between lights and controller. It can be used as a wireless DMX transceiver with CRMX technology and also works as an interface between the AsteraApp and lights. Its built-in battery enables an easy and time-saving setup, just like with all of Astera's products.

Top view



Bottom view



THE ASTERA SYSTEM

Set up Lights
Set up your lights conveniently from a distance. Adjust DMX settings on one or several lights and do a master reset.

Monitor Lights
Check your lights while operating them. View battery status, settings and targeted lights.

Control Lights
Send effects and colors to your lights. Choose which lights you want to target. Save programs for quick launch later.



Wireless DMX
The AsteraBox works as a wireless DMX transmitter with CRMX technology, just connect it with the included XLR adapter.

Compatible
Astera Lights can be controlled together by CRMX and W-DMX (limited compatibility) so you can use them together with other wireless lights.



AsteraApp

AsteraBox

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SPECIFICATIONS

Order Code	ART7-U
DC Input	5 VDC - 2 A
Battery Voltage	3.7 V
Battery Runtime	72 h (App), 8-10 h (CRMX)
Charging Time (nominal)	8 hours
Ports	Micro-USB for charging, 3.5 mm jack for DMX Input
DC Connector	Micro-USB
BluetoothBridge BTB	Built-in
Bluetooth Classic	Yes
Wireless Protocols	UHF, CRMX, Bluetooth 4.0
Wireless Range	CRMX: up to 300 m / 328 yds UHF: up to 300 m / 328 yds Bluetooth: up to 3 m / 3.3 yds
Microphone	Built-in
IP Rating	IP20
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	0.23 kg / 0.51 lbs
Dimensions (L x W x D)	146 mm x 78 mm x 30 mm / 5.7" x 3.1" x 1.2"
Mounting Options	Belt Clip

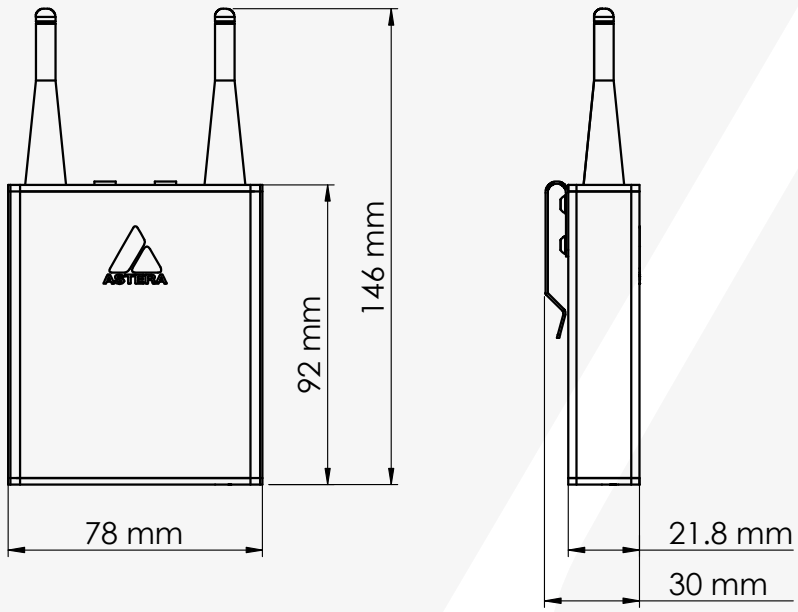
All specifications provided are typical values and maybe subject to change without prior notice.

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 4.1 (2402-2480MHz)	
Modulation	FHSS	FHSS	FHSS	FHSS	
ERP (Transmitter)	<25mW	<25mW	<100mW	2mW (classic)	2mW (BLE)
Channel Count	6	19	79	79	40

DRAWING



ACCESSORIES

Carrying Case
ART7-CSE



included

Power Supply
ART7-CHR



included

DMX Adapter
ART7-DMXA



included

