



FEATURES

- plug-and-play technology is ready to use out of the box; additional features and options configurable with only a few pushes of a single hidden button
- up to seven distinct networks available for transmitting multiple universes of DMX wirelessly
- 500M range for complete coverage of your DMX-controlled equipment
- highly-effective GFSK modulation design with 126 channels of self-adjusting frequency for enhanced network protection
- , providing a high level of anti-jamming security
- signal data is real time, eliminating delay when transmitting
- low profile form factor for use in a diverse array of applications, including portable locations and exterior enclosures where hardwire data is difficult or impossible
- use multiple receivers with only one transmitter for maximum coverage with minimum hardware
- low-profile design allows for maximum portability, quick storage, and easy installation

GENERAL INFORMATION

The elektraLite **DataAir** brings wireless functionality to DMX distribution with easy plug-and-play convenience for fast and powerful control.

Designed intentionally to be low-profile and quick to use, the elektraLite **DataAir** is no larger than a ballpoint pen, and is simply plug-and-play ready, requiring only the power supply to operate. A 5-pin connector plugs right into the input or output (depending on transmitting or receiving data), and is configured with a simple onboard LED color display. Additionally, the system is configurable with up to seven individual wireless networks working simultaneously without interference from each other, allowing for up to seven DMX universes to be utilized for maximum control.

Ideal for all types of venues, the elektraLite **DataAir** is perfect for performance spaces both indoor and out, as well as temporary stages, architectural and portable lighting applications, and exterior enclosures in hard-to-reach places.

ORDERING INFORMATION

ELE810	DataAir Transmitter (with power supply)
ELE811	DataAir Receiver (with power supply)



ELE810 / ELE811

DataAir

Wireless DMX Data Transmission System

SPECIFICATIONS

Display	Tricolor LED Display (transmitter) Tricolor LED Display (receiver)
DMX Signal Port	5-pin XLR DMX female receptacle (Tx) 5-pin XLR DMX male receptacle (Rx)
Input Voltage	5VDC 500mA MIN
Power Input	100-240VAC, 50/60 Hz – 0.2A Max
Power Output	9V = 0.5A
Communication Distance	500M
Transmission Frequency	2.4GHz ISM Band with GFSK Modulation (126 channels automatically jumping frequency) including anti-jamming ability to ensure working reliability
Transmission Bandwidth	2.400-2.525GHz
Operating Temperature	-20°C-45°C – 10%-90%RH
Receiver Sensitivity	-106dBm
Materials	corrosion-proof aluminum & ABS plastic
Ratings/Certifications	IP65 (transmitter/receiver) IP20 (power supply)
ElektraLite Features	MagiControl compliant

ACCESSORIES

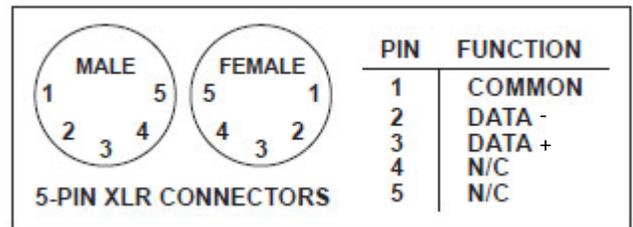
Accessories Included with each DataAir are as follows:

- (1) 5VDC Power Transformer (Edison)

DMX WIRING

Network settings are adjustable on each device. Use a 2.5 needle to adjust radio frequency ID.

- 1: Red
- 2: Green
- 3: Yellow (Red+Green)
- 4: Blue
- 5: Purple (Red+Blue)
- 6: Cyan (Green+Blue)
- 7: White (Red+Green+Blue)



DIMENSIONS CHART (Transmitter/Receiver)

Physical Dimensions			Shipping Dimensions		
Height	Length	Width	Height	Length	Width
8.5"	4"	1"	6"	10"	4"

WEIGHTS CHART (Transmitter/Receiver)

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
0.3	0.13	0.5	0.23

DIMENSIONS CHART (Power Supply)

Physical Dimensions			Shipping Dimensions		
Height	Length	Width	Height	Length	Width
1.5"	6"	1.75"	6"	10"	4"

WEIGHTS CHART (Power Supply)

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
0.22	0.1	0.5	0.23