AIRCOM 126
2.4 GHz 126 Channel Wireless DMX Unit

Aircom 126 transmits and receives standard DMX 512 protocol data by wireless way, which solve lighting control issues of wireless communication between lighting controllers and fixtures. It gets rid of relying on connecting cables completely, and also can ensure without any time delay when signal data is real time and reliable.

It adopts global free 2.4GHz ISM frequency band and high effective GFSK modulation. Communication design is in 126 channels jumping frequency with high anti-jamming ability. The product is therefore applied in many contexts, such as stage lighting disco hall, gymnasium lighting, portable stage performance, conference centers, theme parks, bar lighting, and so on. In short, a really useful tool to solve DMX connection problems quickly.

PRODUCT DETAILS

Key features

Both Transmitting and Receiving operation within same unit	
One transmitter can manage more receivers at the same time	
7 groups ID code set table, User can use 7 groups individual wireless nets without any interfere each other in the same place	
Each net contains 512 DMX channels	
126 channels jumping frequency (7 groups x 16 channel frequencies) to avoid interferences	
High anti-jamming ability to ensure working reliability	
Work frequency range	2.4 GHz ISM band (no license needed)
Communication distance	300 m
Tricolor LED displaying for easy setup	
High quality power supply stage for maximum stability at wider range voltage input	

Specifications

Frequency Band	2.4 GHz ISM
Modulation Type	GFSK Modulation
Frequency range	24,000 ~ 24,835 GHz
Channel Frequencies	126 jumping frequencies
Communication Distance	300 m
Receiver Sensibility	-106 dBm
Transmission Power	20 dBm
Antenna	100 mm helical SMA antenna
Protocols	DMX512
Number of DMX Channels	512 Channels within each ID
Power Input	AC88 ~ 256 Vac - 50/60 Hz
Data Input/Outputs	3-pin XLR male (In) female (out) sockets
Data Pin Configuration	Pin 1 shield, Pin 2 (-), Pin 3 (+)
Unit Size (WxHxD)	150x50x76 mm - 5.90 x 1.97 x 2.99 in
Unit Net Weight 0.27 kg - 0.59 lbs.	
Packing Size (WxHxD)	175x87x98 mm - 6.89 x 3.42 x 3.86 in
Packing Gross Weight	0.5 kg - 1.10 lbs.