SNAP DMXpro
DMX512-A Wireless Lighting Control

Eliminates Cables • Fast Setup • Robust

When you need two-way, wireless communication and high data fidelity to connect DMX devices on stage or off, SNAP® DMXpro wireless adapters are the most cost-effective choice. SNAP DMXpro is offered with FCC/IC certification and CE certification. Combine multiple SNAP DMXpro units and span up to 16 Universes with 512 DMX channels each. Control individual devices wirelessly or add multiple wired DMX devices to one SNAP DMXpro.

Wirelessly Connect DMX Devices

SNAP DMXpro easily and reliably replaces expensive cabling between controllers, lights and other DMX devices without modification to existing equipment. The flexible terminal block is compatible with 3-Pin or 5-Pin DMX connections. Each unit auto-detects its role and operates as either a transmitter or receiver – so there's only one model to stock. And they are easy to configure with up to a 3-mile range.

SNAP DMXpro delivers performance

- Remote Device Management (RDM) for two-way communications,
- Quick Installation Success (QIS) indicator for at-a-glance set up, reducing installation time, troubleshooting and rental costs,
- Network security with advanced encryption technology,
- Industry standard USB interface for PC-based controller software,
- Compatible with 3rd party software controllers.

SNAP DMXpro is available from the leading provider of lighting components: Future Lighting Solutions.

Standard Specifications

SNAP

Wire Protocol	DMX512-A (Supports up to 512 DMX Channels)	
RF Protocol	Encrypted DMX512-A up to 512 channels	
Radio (RF) Technology	IEEE 802.15.4 Direct Sequence Spread Spectrum (DSSS) 2.4 GHz License-Free Band SNAP auto-forming, auto-healing Mesh Network	

Radio (RF) Performance	LP510: Outdoors: up to 3 Mile LoS*
	      Indoors/Urban: up to 1000 feet LoS*
	      RF Transmit Power: 63 mW (18 dBm)
	LP511: Outdoors: up to 1 Mile LoS*
	      Indoors/Urban: up to 300 feet LoS*
	      RF Transmit Power: 10 mW (10 dBm)
	Receive Amplifier Gain: 12 dBm
	Receiver Sensitivity (0.1% PER): -105 dBm
		*LoS (Line of Sight) not required; but distance may be shorter.

Antenna	External Reverse Polarity SMA (RP-SMA) Gain: 3.2 dBi Length: 5.875 in (14.9 cm) Impedance: 50 Ohms unbalanced	
DMX Capability RDM (40 frames/second)	Supports 16 DMX Universes Supports up to 512 DMX channels RS-485 cable connector (3 wire or 5 wire Terminal Block)	
Environmental Performance	Operating Temperature: -30° to +85° C Included Wall Plug: 0° to +45° C Operating Humidity: 10 to 90% non-condensing	
Physical Properties	Case: Extruded Aluminum, black anodized Wall mounting brackets included Size: 1.18H x 2.5W x 3.5L inches (3 x 6.4 x 8 cm) Weight: 6.25 oz (177 g)	
Power Requirements	Input: 100 to 240V, 50/60HZ, 0.15A Output: 5V, 1.0Amp Power Consumption: 5W	
Certifications	FCC Part 15, Class B CE certified Power Supply: UL RoHS (lead free) Compliant Energy Star Compliant Industry Canada: 4214A 12008	

Part # LP510-001 DMXpro – FCC/IC
Part # LP511-001 DMXpro – CE

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