

DMX 512

Lighting Control Series

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Wireless Splitter Pro

Multi-channel DMX512 splitter/repeater



>be
DMX

Wireless Splitter PRO is a series of multifunctional rack mountable splitters boosting the signal to create 5 or 10 additional DMX lines from DMX512 or BeDMX inputs. BeDMX is hi-end technology for transmission between devices in 2.4 GHz ISM band with bidirectional communication and Adaptive Frequency Hopping (AFH) which guarantees near 100% resistance to radio frequency interference by a hop rate of 1600 hops per second.

All ports have full galvanic isolation. The device is suitable for indoor use and rack mountable. Splitters are powered by 100-250 V industrial AC mains, power consumption is less than 5 watts.

Key Features



DMX Bi-Direct



Supports RDM



UltraStart

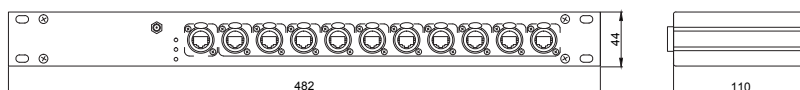


Galvanically Isolated Ports



Natural Heat Convection

- Designed for touring/rental companies
- No buttons
- XLR or EtherCON, RJ-45 (customer request)
- Time-tested in severe weather conditions
- Wireless back up function
- Resistance to interference
- Up to 1500 m transmission range



pro
series

Pro Series is special portfolio of rack-mounted (or clamp-mounted) professional DMX transceivers, ArtNet/sACN converters, hybrids and splitters in small-depth lightweight metal housing. From 2 to 8 ports per each device (up to 16 ports in 2-unit Pro Deluxe series). Natural heat convection. All ports are galvanically isolated. UltraStart Technology guarantees ready device in less than 3 seconds after power supply.



UNDRAX
electronics
lighter than ever



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Technical Specifications

Mechanical

- Housing: Small depth rack mounted, 1 Unit
- Material: Metal
- Dimensions, mm: 482(D) x 44(H) x 110(W)
- Mass: 1.2 kg

Power & Electrical

- Power supply: ~90-250 VAC, 50/60 Hz
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

Environmental

- Operating Temperature: 0...+60°C
- Storage Temperature: -50...+70°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 20
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Control / Data Connections

- Supported protocols: DMX512, RDM, BeDMX
- DMX data refresh rate: 44 Hz

Inputs / Outputs

- DMX Inputs: 1
- BeDMX Inputs: 1
- DMX Outputs: 5 or 10
- Connectors: XLR (5 pins, 3 pins) or etherCON

Package Contents

- Wireless Splitter Pro
- Antenna
- Power cable
- User guide

Configuration / Indication

- Indication: LEDs for DMX inputs

Product Line

Name	Modification	Product code
Wireless Splitter PRO	1 DMX input/5 DMX outputs (3-pin)/1 BeDMX	WSPP-3-1D5DB
	1 DMX input/5 DMX outputs (5-pin)/1 BeDMX	WSPP-5-1D5DB
	1 DMX input/5 DMX outputs (etherCON)/1 BeDMX	WSPP-6-1D5DB
	1 DMX input/10 DMX outputs (3-pin)/1 BeDMX	WSPP-3-1D10DB
	1 DMX input/10 DMX outputs (5-pin)/1 BeDMX	WSPP-5-1D10DB
	1 DMX input/10 DMX outputs (etherCON)/1 BeDMX	WSPP-6-1D10DB



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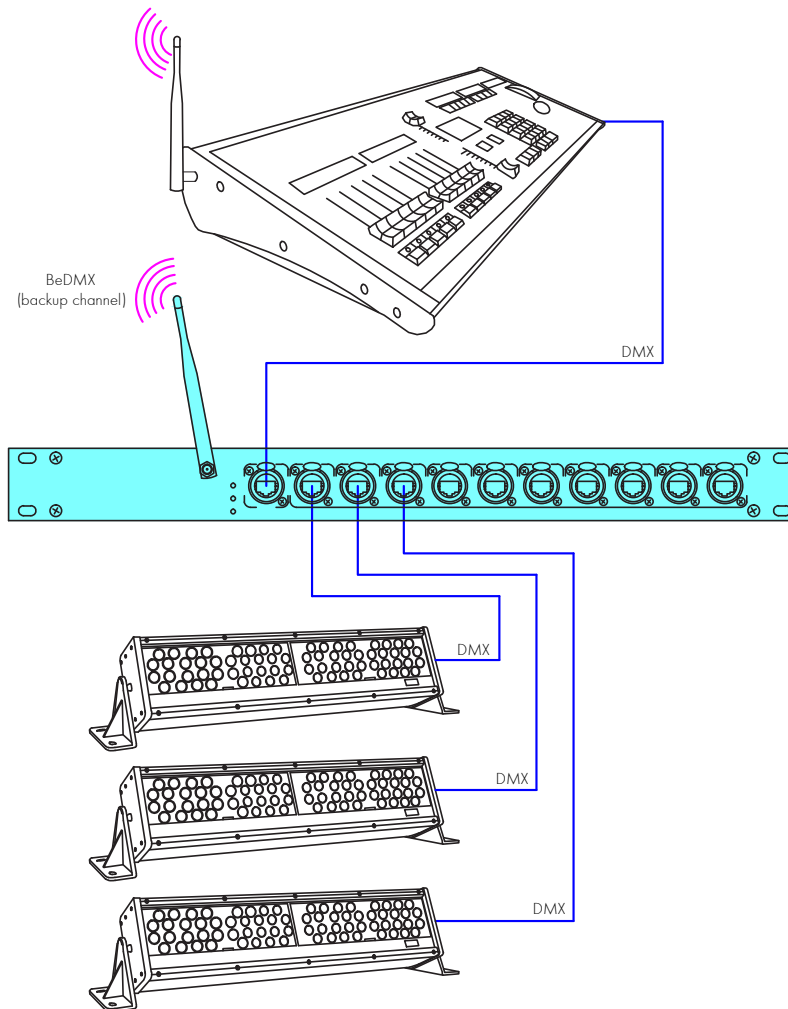
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Connection Scheme



Accessories

Name	Product code
Truss mounting kit	MCA-1-TMK
2.4GHz Long Range BeDMX antenna	DMX-ACC-BLT-024
Antenna Cable 5m	DMX-ACC-ANT-0500
Antenna Cable 10m	DMX-ACC-ANT-1000

Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.