

WIRELESS SOLUTION
MADE IN SWEDEN



MICRO R-512 G5

The **W-DMX™** Micro series are the most compact, battery-powered transceivers and receivers available on the market today, with all the features of the popular BlackBox, excluding triple-band technology. The Micro series are built into a rugged slimline casing with USB power, and mounting options for a variety of locations and structures. The Micro is ideal for smaller events and venues, where space is a concern.



MICRO SERIES G5

PRODUCT CUT SHEET

Input protocols

Double-Up Mode
ArtNet I/II/III, s/ACN
RDM ANSI E1.20 (2)

DMX Structure

Number of universes per device
Number of DMX channels
DMX latency
Max.Universes in coexistence

Input/Output opto isolation
Error correction (Invisi-Wire)
DMX Fidelity (Data-Safe)

Radio Technology

Adaptive Frequency Hopping
W-DMX G3 & G4S compatibility
2.4 GHz
5.2 & 5.8 GHz (1)

Standard range

Expandable range

External Antenna

Sensitivity (0.1% PER)

Modulation Method

Normal Power Mode 2.4 GHz

Maximum Power Mode 2.4 GHz

Connectors & Power

DMX Connectors

DC Input

Battery Type

Battery Life

Other info

Antenna Type

Supplied Accessories

Physical

Net Weight

Gross Weight

Packed Dimensions

Product Dimensions

Mounting

Mounting Style

Locking system

Environmental

Temperature Range

Humidity

IP Rating



MICRO F-1 TRANSCIVER

MICRO R-512 RECEIVER

Double-Up Mode	No	
ArtNet I/II/III, s/ACN	No	
RDM ANSI E1.20 (2)		
DMX Structure	Yes	No
Number of universes per device	1	1
Number of DMX channels	512	512
DMX latency	< 5 ms	< 5 ms
Max.Universes in coexistence	16	16
Input/Output opto isolation	No	
Error correction (Invisi-Wire)	Yes	
DMX Fidelity (Data-Safe)	Yes	
Radio Technology		
Adaptive Frequency Hopping	Yes	
W-DMX G3 & G4S compatibility	Yes	
2.4 GHz	Yes	
5.2 & 5.8 GHz (1)	No	
Standard range	Up to 200 meters (650 feet)	
Expandable range	No	
External Antenna	No	
Sensitivity (0.1% PER)	-97 dBm	
Modulation Method	GFSK	
Normal Power Mode 2.4 GHz	100mW	
Maximum Power Mode 2.4 GHz	Up to 375mW	
DMX Connectors	1x XLR 5-Pin Male	1x XLR 5-Pin Female
DC Input	5V Micro USB connector (micro B)	
Battery Type	4x AAA 1.5 batteries	
Battery Life	Up to 8 hours in RX mode or 4 hours in TX mode	
Other info	USB power does not recharge battery. Accepts power from USB power bank.	
Antenna Type	Internal antenna	
Supplied Accessories	Velcro strap and universal power adapters	
Physical		
Net Weight	190g (without battery) [4.60 oz.]	
Gross Weight	800g [1.76 lb.]	
Packed Dimensions	W x D x H: 100 x 40 x 65 mm [3.94" x 1.57" x 2.56"]	
Product Dimensions		
Mounting	Velcro strap	
Mounting Style	Kesington slot for kesington lock	
Locking system		
Environmental		
Temperature Range	0°C - 45°C [36°F - 113°F]	
Humidity	90%	
IP Rating	IP 41	

(1) 5 GHz is not available in all countries, please check with your local distributor.
 (2) RDM only available in G4S & G5 radio modes. Covered by one or more claims of patent No 7,432,803, and/or by other patent applications and corresponding foreign patent applications pending.
 All products are ETL and c/ETL pending.
 Certified Worldwide (FCC, ETL and c/ETL (pending approval), ETSI, RED, CE, China, Taiwan and Russia)