

WIRELESS SOLUTION
MADE IN SWEDEN



BLACKBOX G6

The **W-DMX™ BlackBox series** is our workhorse and our most popular model range. Now available in its **6th** generation the BlackBox series is setting a new standard in wireless DMX. Featuring **RDM** in all models, support for **WiFi**, using **Bluetooth** and app for configuration, and utilising our patented advanced Adaptive Frequency Hopping technology that automatically avoids interference the **W-DMX™ BlackBox G6** series comes packed with functionality. Finally, setting a new benchmark in ease-of-use and cross-technology functionality, the new BlackBox G6 comes prepared for **CRMX™ compatibility**.



BLACKBOX SERIES G6

PRODUCT CUT SHEET

Supported protocols

USITT DMX 512 & DMX 512-A

ArtNet I/II/III, Streaming ACN

RDM ANSI E1.20 (1)

DMX Structure

Number of universes

Number of DMX channels

DMX latency

Error correction (Invisi-Wire)

DMX Fidelity (Data-Safe)

Radio Technology

Adaptive Frequency Hopping

Supported W-DMX™ gen. (2)

CRMX™ support (3)

Standard range

Expandable range

Sensitivity (0.1% PER)

Modulation Method

Operational Frequency Range

Normal Power Mode

Connectivity

WiFi (3)

Bluetooth

Connectors

DMX Connectors

AC Input

DC Input

Antenna Connector

Supplied Accessories

Physical

Net Weight

Gross Weight

Packed Dimensions

Product Dimensions

Mounting

Mounting Brackets

Clamp mount

Environmental

Temperature Range

Humidity

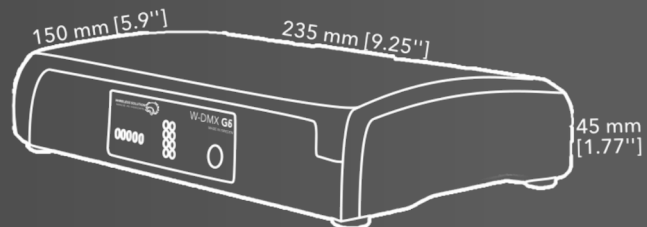
IP Rating

BLACKBOX F-2 TRANSCEIVER

BLACKBOX F-1 TRANSCEIVER

BLACKBOX R-512 RECEIVER

Yes	Yes	Yes
Yes, with WiFi option	Yes, with WiFi option	No
Yes	Yes	Yes
2	1	1
1024	512	512
< 5 ms	< 5 ms	< 5 ms
Yes	Yes	Yes
Yes	Yes	Yes
	Yes	
	G3, G4, G4S, G5	
	Yes, as option	
	Up to 700 meters (line of sight)	
	Unlimited (with optional antennas and repeaters)	
	-98 dBm	
	GFSK	
	2402 - 2480 MHz	
	100mW	
Yes, as option	Yes, as option	No
	Yes, for configuration and software updates	
2 XLR 5-Pin Male	XLR 5-Pin Male and Female	2 XLR 5-Pin Female
2 XLR 5-Pin Female	XLR 3-Pin Male and Female	2 XLR 3-Pin Female
	powerCON® TRUE1® TOP 85 - 250V / 47 - 440 Hz	
	Pluggable terminal strip 12V ± 20%	
	N Female	
	3dBi omni-directional antenna(s), 90° angle adapter(s), Phoenix DC plug, Rack mounting brackets, User manual	
	1 kg [2.2 lb.]	
	1.5 kg [3.3 lb.]	
	W x D x H: 260 x 210 x 70 mm [10.2" x 8.3" x 2.8"]	
	Included	
	M10	
	-20°C - 55°C [-4°F - 131°F]	
	0-90% non-condensing	
	IP 42	



(1) RDM only available in G4S and CRMX mode.

(2) All modes supported in RX operation for DMX. In TX operation G3 and G4S is supported.

(3) Available for delivery in 2021. All options can be retrofitted. CRMX™ support is a digital upgrade.