

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

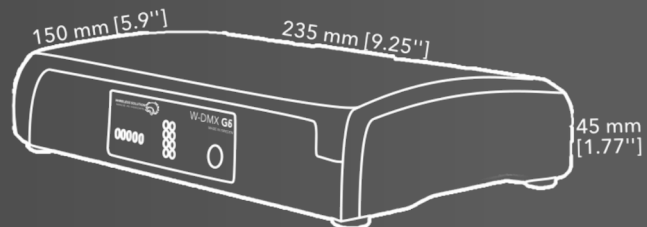
IP Rating

### 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),<br>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.