

WIRELESS SOLUTION  
MADE IN SWEDEN



## BLACKBOX R-512 G5

The **W-DMX™ BlackBox G5** is our most popular of the series, using our patented Adaptive Frequency Hopping technology to automatically avoid interference created by other wireless networks, for example W-LAN, wireless intercoms, stage automation systems and more. G5 supports 2.4GHz, 5.2 GHz and 5.8GHz frequency bands, these triple-band units have full RDM support in transceiver models, and even the most complex installations can be configured wirelessly. With simple slot adjustments, the BlackBox can be integrated into larger, more complex installations.



## 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

DMX Connectors  
  
AC Input  
DC Input  
Antenna Connector  
Supplied Accessories

### Physical

Net Weight  
Gross Weight  
Packed Dimensions  
Product Dimensions

### Mounting

Mounting Brackets  
Clamp Style

### Environmental

Temperature Range  
Humidity  
IP Rating

## BLACKBOX F-1 TRANSCIVER

## BLACKBOX F-2 TRANSCIVER

## BLACKBOX R-512 RECEIVER

Yes  
Yes, optional  
Yes

1  
512  
< 5 ms  
32  
Yes

Yes

Yes  
Yes  
Yes  
Yes

Up to 700 meters (line of sight)  
Unlimited (with optional antennas)

Yes  
-97 dBm

GFSK  
100mW

Up to 450mW

XLR 5-Pin Male & Female  
XLR 3-Pin Male & Female  
Ethercon® connector

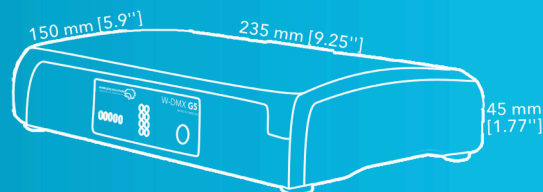
PowerCon® 90 - 250V / 50 - 60 Hz

Phoenix 12V input

N-Type

3dBi omi-directional antenna, phoenix connector, mounting brackets, 90° angle adapter

1 Kg [2.2 lb.]  
1.5 Kg [3.31 lb.]  
W x D x H: 260 x 210 x 70 mm [10.2" x 8.3" x 2.8"]



Included

M10 Thread

0°C - 45°C [32°F - 113°F]

90%

IP 45