



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, with WiFi option

Yes

2

1024

< 5 ms

Yes

Yes

Yes

Yes, with WiFi option

Yes

1

512

< 5 ms

Yes

Yes

Yes

No

Yes

1

512

< 5 ms

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

2 XLR 5-Pin Female

XLR 5-Pin Male and Female

XLR 3-Pin Male and Female

2 XLR 5-Pin Female

2 XLR 3-Pin Female

powerCON® TRUE1® TOP 85 - 250V / 47 - 440 Hz

Pluggable terminal strip 12V ± 20%

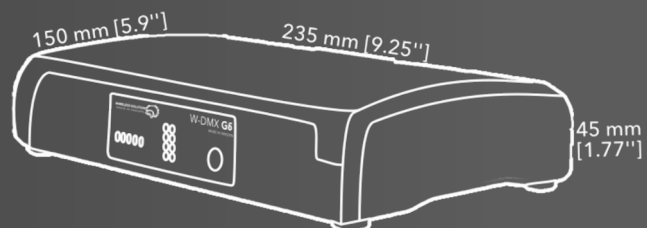
N Female

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.