

WIRELESS SOLUTION
MADE IN SWEDEN



WHITEBOX F-1 G5

The **W-DMX™** WhiteBox transceivers are the perfect weatherproofed solution for Wireless DMX transmission, as part of our architectural/outdoor range. G5 supports both DMX and RDM signals, in 2.4GHz, 5.2GHz and 5.8GHz frequency bands, giving access to more channels and providing world-renowned reliability. Built into a tough, IP-66 rated casing, the WhiteBox series are built to withstand the elements.



WHITEBOX 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

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

WHITEBOX F-1 TRANSCEIVER

WHITEBOX F-2 TRANSCEIVER

	Yes	
	Yes, optional	
	Yes	
Number of universes per device	1	2
Number of DMX channels	512	1,024
DMX latency	< 5 ms	< 5 ms
Max.Universes in coexistence	32	64
Input/Output opto isolation	Yes	Yes
Error correction (Invisi-Wire)	Yes	Yes
DMX Fidelity (Data-Safe)	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	
DMX Connectors	1x ethernet RJ45 connector 2x DMX 3-pole I/O connector 1x 3-pole AC connector	1x ethernet RJ45 connector 4x DMX 3-pole I/O connector 1x 3-pole AC connector
AC Input	AC connector 3-pole: 100 - 250VAC & 50/60 Hz (0.35A @ 115VAC - 0.2A @ 240VAC)	
DC Input	2-pole DC 12V input	
Antenna Connector	N-Type	
Supplied Accessories	3dBi, white, omi-directional antenna and phoenix connector	
Net Weight	1.2 Kg [2.96 lb.]	
Gross Weight	2.0 Kg [4.40 lb.]	
Packed Dimensions	W x D x H: 245 x 160 x 45 mm [9.6" x 6.3" x 1.8"]	
Product Dimensions		
	Back panel with two holding points	
	M10 Thread	
Temperature Range	-20°C - 45°C [-4°F - 113°F]	
Humidity	90%	
IP Rating	IP 66	



(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)