PROBOX SERIES G4S W-DMX™

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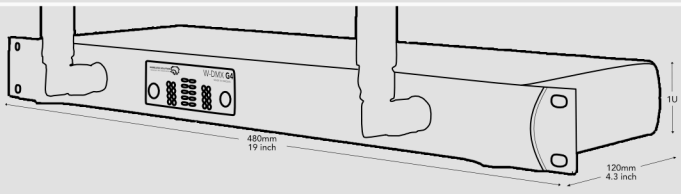
PRODUCT CUT SHEET

	PROBOX F-2500 TRANSCEIVER
Input protocols	
USITT DMX 512 & DMX 512-A	Yes
ArtNet I/II/III, s/ACN	Yes, as standard
RDM ANSI E1.20[2]	Yes
DMX Structure	
Number of universes per device	2
Number of DMX channels	1024
DMX Latency	< 5 ms
Max. Universes in coexistence	64
Input/Output opto isolation	Yes
Error correction (Invisi-Wire)	Yes
DMX Fidelity (Data-Safe)	Yes
Radio Technology	
Adaptive Frequency Hopping	Yes
W-DMX™ G3 compatibility	Yes
2.4 GHz	Yes
5.8 GHz[1]	Yes
Standard range	Up to 700 meters (line-of-sight)
Expandable range	Unlimited (with optional antennas)
External Antenna	Yes
Sensitivity (0.1% PER)	-97 dBm
Modulation Method	GFSK
Normal Power Mode 2.4 GHz	100mW
Maximum Power Mode 2.4 GHz	Up to 450mW
Connectors	
DMX Connectors	2 XLR 5-Pin Male 2 XLR 5-Pin Female 2 XLR 3-Pin Male
AC Input	PowerCon® 90-250V / 50 - 440 Hz
DC Input	Phoenix 12-24V
Antenna Connector	N-Type
Supplied Accessories	3dBi omni-directional antenna, phoenix connector, mounting brackets, 90° angle adapt.
Physical	
Net Weight	1.5 Kg [3.3 lb.]
Gross Weight	2.2 Kg [4.85 lb.]
Packed Dimensions	W x D x H: 530 x 220 x 90 mm [20.9'' x 8.7'' x 4.7'']
Product Dimensions	
Mounting	
Mounting Style	19'' 1U-Mount rack
Environmental	
Temperature Range	0° C - 45° C [32° F - 113° F]
Humidity	90%
IP Rating	IP 41

[1] 5.8 GHz is not available in all countries, please check with your local distributor.
[2] RDM only available in G4S 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.
Radio cards are ETL and c/ETL approved.
Certified Worldwide (FCC, ETL and c/ETL (Radio Cards), ETSI, CE, Taiwan and Russia)

WIRELESS SOLUTION
MADE IN SWEDEN

CANADA ICES-003

RFC-CFA E1551