

Maven Digital Repeater EMEA-APAC

Exo High Power Repeater

Data sheet version 2.5

- 1. Digital Platform**
Dual band supporting all MNOs
- 2. Future-proof**
Including support for 5G NR
- 3. Sustainable**
Passive cooling & lowest power consumption



Maven Wireless offers cutting-edge, end-to-end digital solutions for global wireless coverage. Our products are future-proof, highly efficient, and cost-effective. We're committed to sustainability and passionate about improving lives by ensuring 100% reliable wireless coverage, anywhere in the world.

Product specification

Exo

General

Mains power	85 – 264 VAC, -72 – -36 VDC optional
Power consumption	280 W max fully loaded
Management	Ethernet 10/100/1000, micro USB, USB accessory connector
Remote access	Optional 4G modem
Operating temperature	-25 to +55 °C
Ingress protection	IP66
RF interface	Up to 2 bands in one enclosure
Antenna port	4.3-10 or 7/16 optional
System Gain	60 to 90 dB in 0.1 dB steps
Gain flatness	1 dB pp
Noise figure	< 3 dB at max gain

RF Parameters

DL Output power	+43 dBm per band	
UL Output power	+30 dBm per band	
RF Input range	+17 dBm, non destructive	
Frequencies¹	Uplink	Downlink
	703 – 733 MHz	758 – 788 MHz
	832 – 862 MHz	791 – 821 MHz
	880 – 915 MHz	925 – 960 MHz
	1710 – 1785 MHz	1805 – 1880 MHz
	1920 – 1980 MHz	2110 – 2170 MHz
	2500 – 2570 MHz	2620 – 2690

Mechanical

Dimensions (height, width, depth)	670 x 383 x 270 mm
Weight	25 kg

Standard & Approvals

EMC & safety	Low voltage directive 73/23/EEC
EMC directive 2004/108/EC	R&TTE directive 1999/5/EC

¹ Various frequency combinations in the same enclosure are available. Contact Maven Wireless for more information. Note: All parameters are subject to change.