

Maven digital repeater EMEA-APAC Exo high power repeater

Datasheet version 2.2

**Outstanding
Performance**

**End to end
Digital platform**

**Always
Future-proof**

**Overall
Cost efficiency**

**More
Sustainable**

Maven Wireless offers new solutions for wireless coverage in all parts of the world. Our products are end to end digital and future-proof, comes with the best performance and cost efficiency you can find. We also have high marks on sustainability and a burning passion for making our customers and end-users life safer, better and easier by securing 100% wireless coverage.

Exo digital repeater



Exo specification

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 | | | | | | | | | | | | | | | | | | | | |
| Frequencies* | <table><thead><tr><th>Uplink</th><th>Downlink</th></tr></thead><tbody><tr><td>703 – 733 MHz</td><td>758 – 788 MHz</td></tr><tr><td>832 – 862 MHz</td><td>791 – 821 MHz</td></tr><tr><td>880 – 915 MHz</td><td>925 – 960 MHz</td></tr><tr><td>1710 – 1785 MHz</td><td>1805 – 1880 MHz</td></tr><tr><td>1920 – 1980 MHz</td><td>2110 – 2170 MHz</td></tr><tr><td>2500 – 2570 MHz</td><td>2620 – 2690 MHz</td></tr><tr><td></td><td>2300 – 2400 MHz</td></tr><tr><td></td><td>2500 – 2700 MHz</td></tr><tr><td></td><td>3400 – 3800 MHz</td></tr></tbody></table> | 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 MHz | | 2300 – 2400 MHz | | 2500 – 2700 MHz | | 3400 – 3800 MHz |
| Uplink | Downlink | | | | | | | | | | | | | | | | | | | | |
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Mechanical

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

Standard & Approvals

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

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