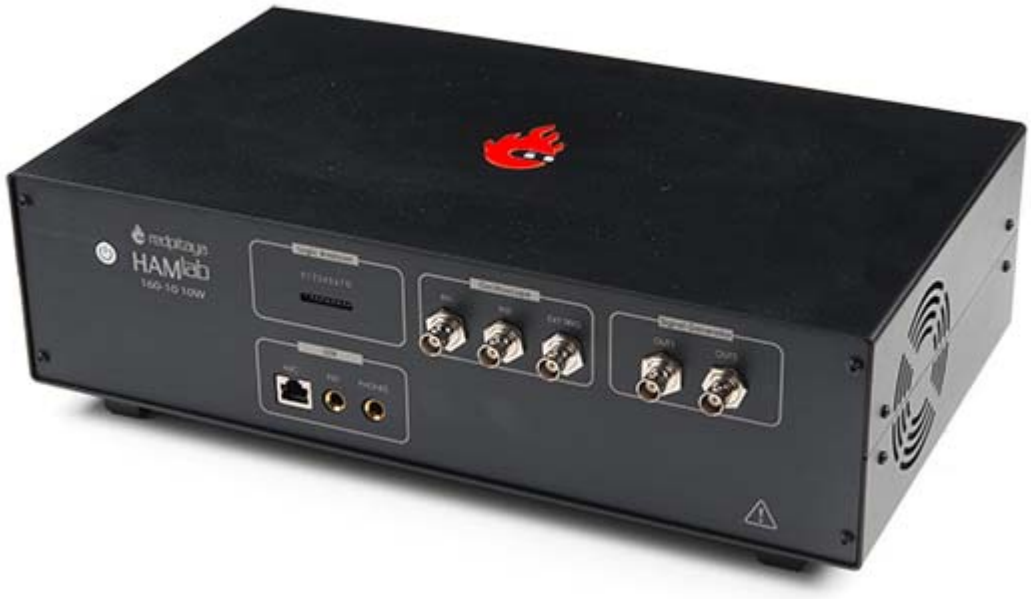


HAMlab - 160-6 10W

WRL-15001

HAMlab is a fully functional SDR transceiver with 160-10m band coverage and 10W of output power built around the STEMlab platform. It gives you an out of the box, affordable and high performance SDR transceiver solution. All you need is an antenna and you can start your SDR experience! Even better, the HAMlab has been dubbed as the “Swiss Army Knife” for HAM radio operators by incorporating an oscilloscope, spectrum analyzer, signal generator, bode analyzer, and logic analyzer (for an additional fee) making it an all in one desk top tool that can quickly become a necessity for anyone!

With the HAMlab being a plug and play SDR transceiver, it possesses a RX frequency range of 25KHz to 62.5MHz, a TX frequency range of 1MHz to 62MHz, low pass PA filter bands, and a direct sampling receiver architecture. All functions of the HAMlab are web based and won’t require any installation of any applications since they can be accessed via a web browser on your smartphone, tablet, or a PC.

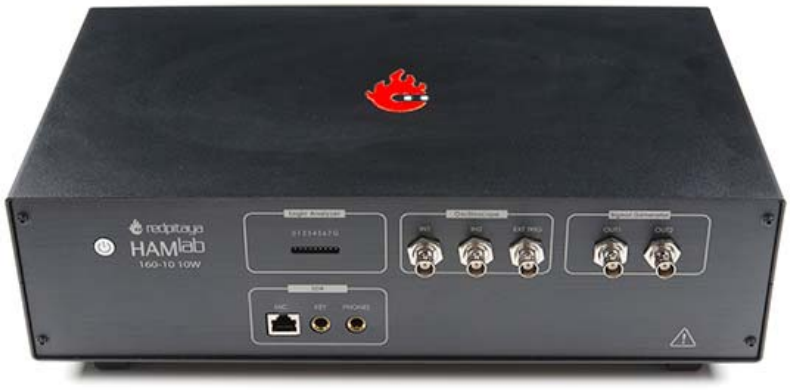
Please be aware that a few additional parts will be required for the HAMlab to function at peak efficiency. These parts include an HF Antenna (as mentioned before), stereo speakers or headphones, microphone, a router with enabled DHCP with an Internet connection, a 13.8VDC 4A power supply, and of course an active HAM radio license in case you want to transmit. A full list of these part requirements can be found in the Quickstart Guide in the Documents tab above.

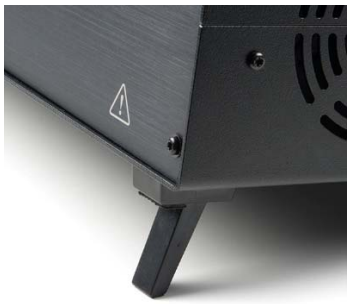
NCLUDES

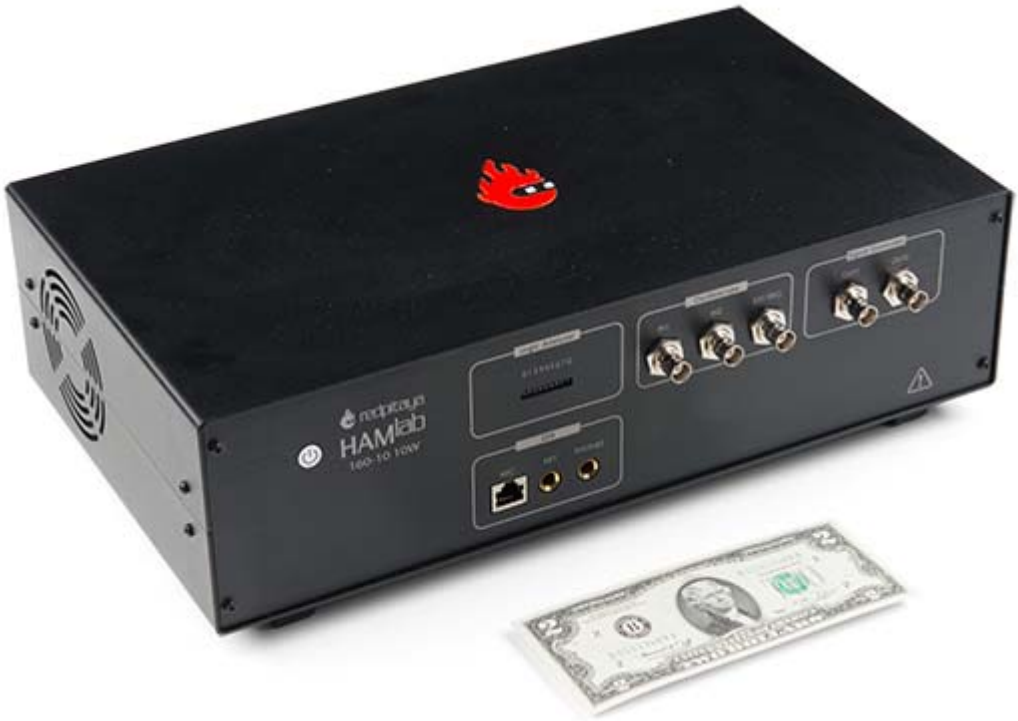
- HAMlab 160-6 10W
- Oscilloscope probes
- Logic analyzer probes
- Wi-Fi Dongle

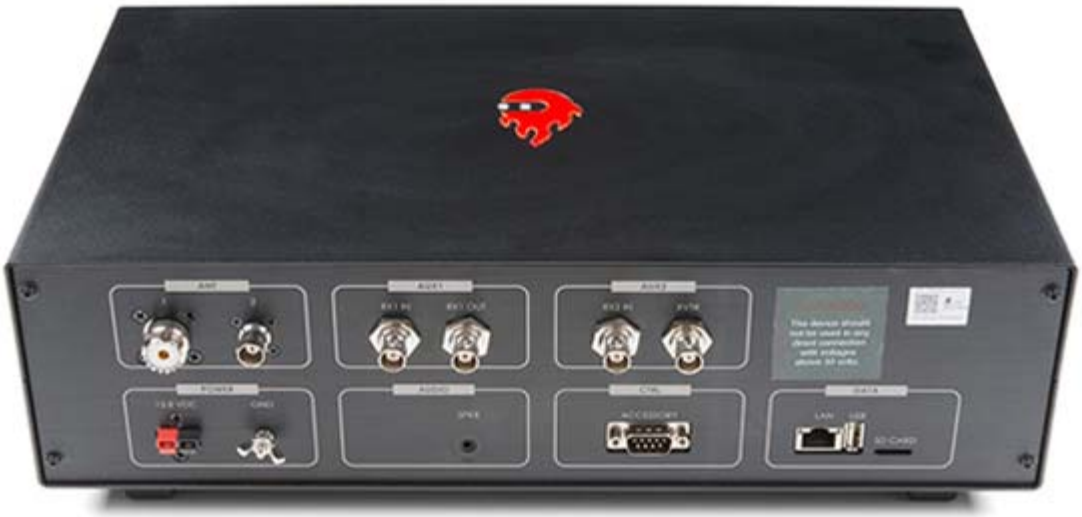
FEATURES

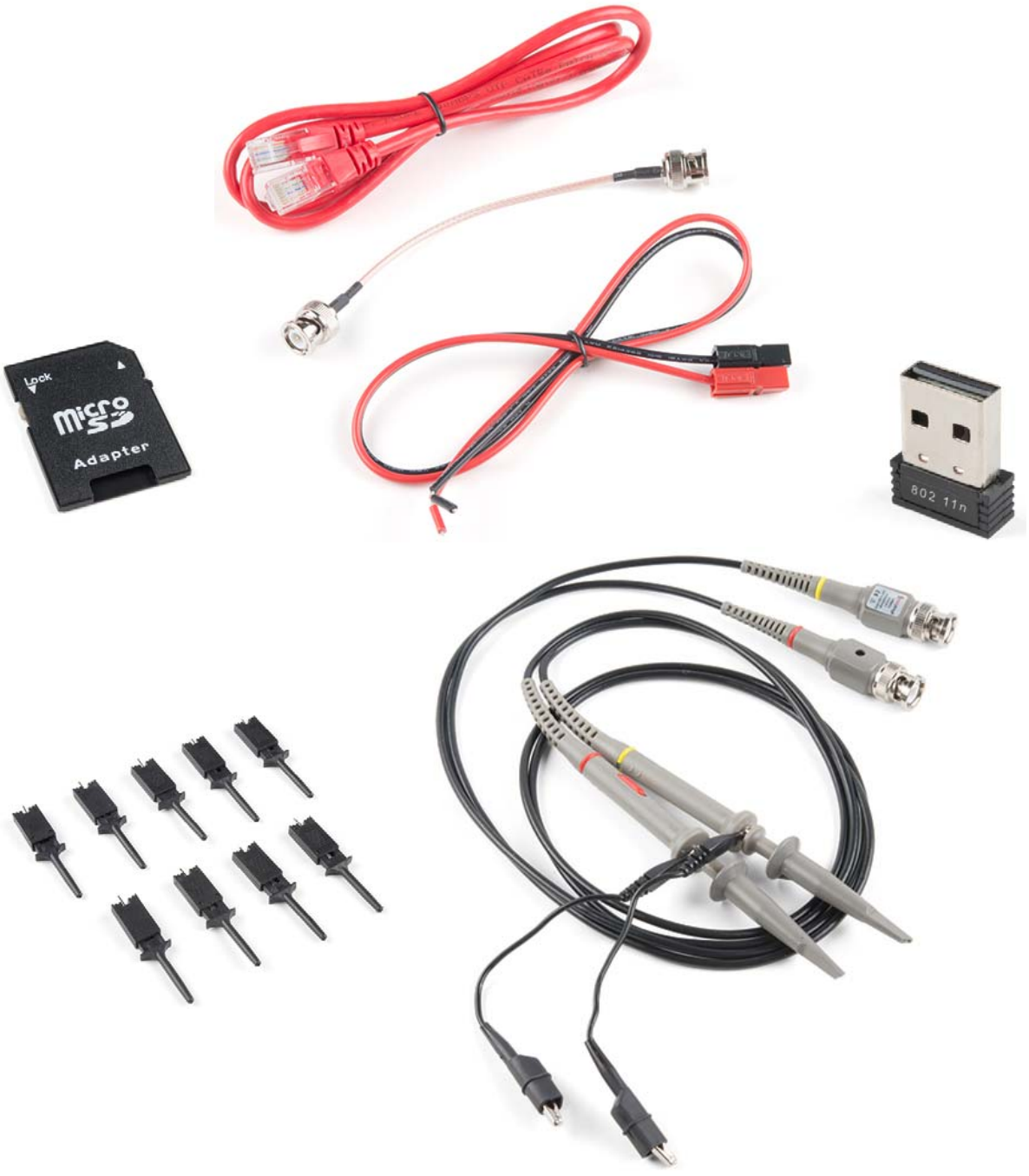
- 25KHz to 62,5 MHz RX Frequency Range
- Direct sampling receiver architecture
- Low pass PA Filter bands (6m, 10m, 12m, 15m, 17m, 20m, 30m, 40m, 80m, 160m)
- 1MHz to 62 MHz TX Frequency Range
- 10W output power
- Gigabit Ethernet data transfer interface
- Power supply = 13,8V, 4A
- 2 Channel Oscilloscope
- 2 Channel Sig. Generator
- Spectrum Analyzer
- 8 Channel Logic Analyzer






HAMlab





https://www.sparkfun.com/products/15001/1-21-19