```
  = Hack RF 1 Portapack V2.0+++<br>+++Zero to almost Hero
John Schuster <John.schuster@PhoenixWorkgroup.com>
v2.1b, 10/04/2022: Blog Post
:Author: John HR Schuster
:Company: GeekMustHave
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The Hack RF, Portapack is a new piece of kit for my Amateur Radio (HAM) collection. I know shit about how to use this device but I do have HAM experience with Software Defined Radio [SDR]. Maybe something I document here will help others.

[HackRFOrderImage] | *HackRFOrderImage.png*

To view a PDF version of this document click this Link

The GitHub Repository is located at this Link

The GeekMustHave Blog Post is located at this Link

Introduction

I purchased a HackRF Portapack device from AliExpress in September 2022. SDR radio has been a pastime of mine and I wanted a device I could use stand-alone, without a Tablet or PC.

As with any new device, there is a learning curve, which if documented will help me in 6 months when I come back to this. This is a pseudo blog article but, without any real concern for Grammar, spelling, and the like. Its content is raw and simple. Copies of any files, videos, manuals, or other information will be available from this document.

NOTE	This document was created using Visual Studio Code and a Markup/Markdown language known as ASCIIDoctor [ADOC]. This is my primary way of writing documentation, blogs, and instructions. I am not a writer, I am an engineer, and pride myself in not using Word for this type of work. I have quite a bit of assets to help using this documentation toolchain easier.

Instructions

As expected there was one page of instructions see Link There were pretty much useless. The Aliexpress link had a paragraph on how to start the LONG journey for instructions.

[Alt Tag] | *ManualLink.png*

Figure 1. AliExpress instructions link

REFERENCE: Telegram Software link Telegram

REFERENCE: Telegram group link Telegram SDR Group Link

In order to get instructions, you have to install [Telegram] on your mobile device and your PC and link them together using QR Codes and wave a dead chicken above your head while reciting the magic unknown words. [Telegram] is not the most secure messaging as it requests access to your phone numbers and contacts.

[Alt Tag] | *TelegramSecurity.png*

Figure 2. Telegram Security

REFERENCE: What data can Government get from Telegram Security

My plan is to get the damn manual and bail from [Telegram].

Your message should include order information probably because they don't want the instructions getting out in the Open. I will take care of that by including a link to those instructions from this document, for anyone in the Open to use them. What part of `OpenSource SDR` means the instructions need to be secured?

[Alt Tag] | *TelegramMessage.png*

Figure 3. Telegram Message

Turn HackRF off

Nothing in the one-page instructions indicated how to turn the HackRF off. Turns out it is something simple, just double-click on the rotary dial, duh.

References

Document History

Table 1. Document History

Date	Version	Author	Description
10/04/2022	V2.1b	JHRS	Initial version