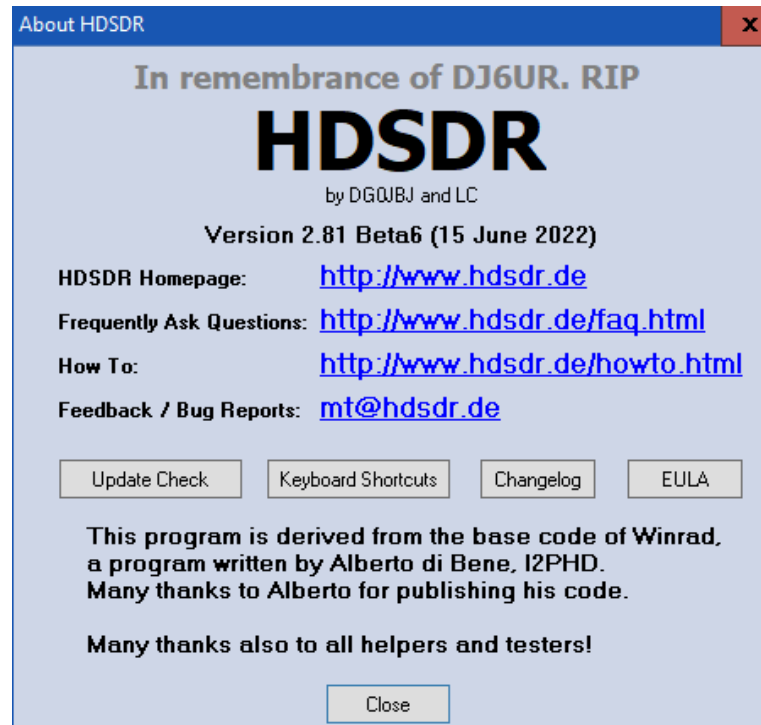


# HACKRF ONE SDR Transceiver

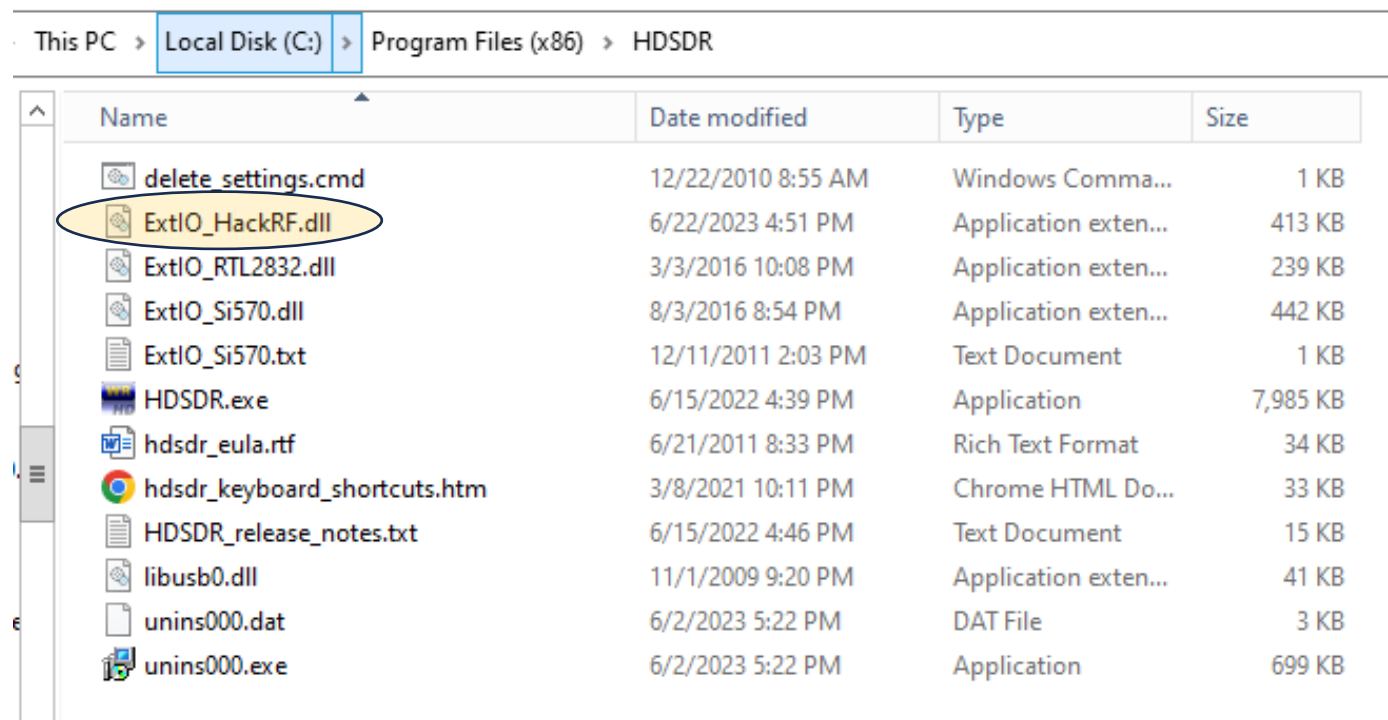
	Ettus B200	RTL-SDR	HackRF One	Blade RF	LimeSDR
Freq Range	70mhz-6Ghz	22mhz-2.2Ghz	1Mhz-6Ghz	300Mhz-3.8Ghz	100khz-5.12Ghz
RF Bandwidth	61.44Mhz	3.2Mhz	20Mhz	40Mhz	61.44Mhz
Transmitter Channel	1	1	1	0	2
Receivers	1	1	1	1	2
Duplex	Full	N/A	Half	Full	Full
Interface	USB 3.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0
Chipset	AD9364	RTL2832U	MAX5864	LMS6002M	LMS7002M
Open Source	Schematic and Firmware	No	Full	Schematic and Firmware	Full
Transmit Power	10dBm+	N/A	-10dBm+	6dBm	0-10dBm
Price	\$902	\$40	\$320	\$420-1600	\$349.95

# HDSDR Install



# HDSDR Setup

Need to copy in ExtIO file from GitHub to HDSDR directory in Program Files



This PC > Local Disk (C:) > Program Files (x86) > HDSDR				
Name	Date modified	Type	Size	
delete_settings.cmd	12/22/2010 8:55 AM	Windows Comma...	1 KB	
ExtIO_HackRF.dll	6/22/2023 4:51 PM	Application exten...	413 KB	
ExtIO_RTL2832.dll	3/3/2016 10:08 PM	Application exten...	239 KB	
ExtIO_Si570.dll	8/3/2016 8:54 PM	Application exten...	442 KB	
ExtIO_Si570.txt	12/11/2011 2:03 PM	Text Document	1 KB	
HDSDR.exe	6/15/2022 4:39 PM	Application	7,985 KB	
hdsdr_eula.rtf	6/21/2011 8:33 PM	Rich Text Format	34 KB	
hdsdr_keyboard_shortcuts.htm	3/8/2021 10:11 PM	Chrome HTML Do...	33 KB	
HDSDR_release_notes.txt	6/15/2022 4:46 PM	Text Document	15 KB	
libusb0.dll	11/1/2009 9:20 PM	Application exten...	41 KB	
unins000.dat	6/2/2023 5:22 PM	DAT File	3 KB	
unins000.exe	6/2/2023 5:22 PM	Application	699 KB	

JUNE 10, 2015

## NEW EXTIO FOR THE HACKRF AND HDSDR

We've received a note from RTL-SDR.com reader Tim about a new ExtIO module available for the HackRF and HDSDR. ExtIO stands for External IO, and is a special DLL file that allows HDSDR and other software to access hardware like the HackRF.

To use it, simply copy the HackRF ExtIO dll file into the HDSDR directory, and select it when opening HDSDR. The module currently supports 2, 4, 8, 10, 12.5, 16 and 20 MSPS sample rates. We tested it briefly on our own HackRF and it ran just fine at all sample rates.

The module is [available on GitHub](#) and it's [current binary release can be downloaded here](#).

<https://www.rtl-sdr.com/new-extio-for-the-hackrf-and-hdsdr/>

Nov 6, 2015

jocover

v0.10

fa141f0

Compare

version 0.10

Latest

fix bug

Assets 3

ExtIO\_HackRF.dll

413 KB

Nov 6, 2015

Source code (zip)

Nov 6, 2015

Source code (tar.gz)

Nov 6, 2015

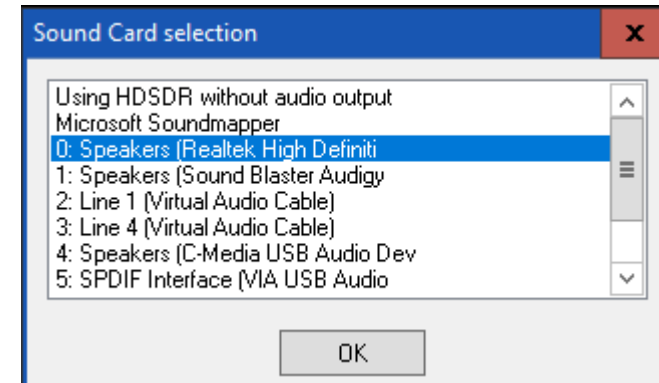
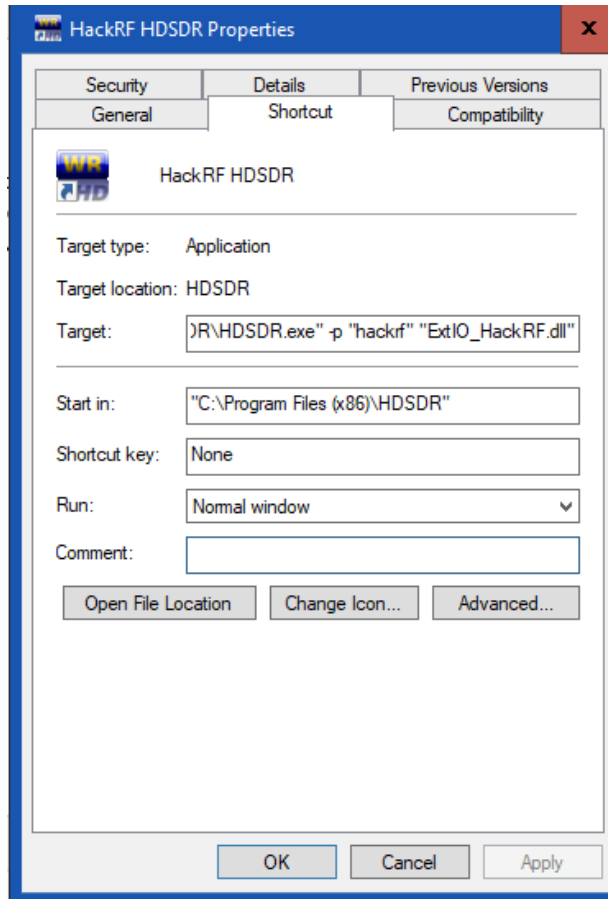
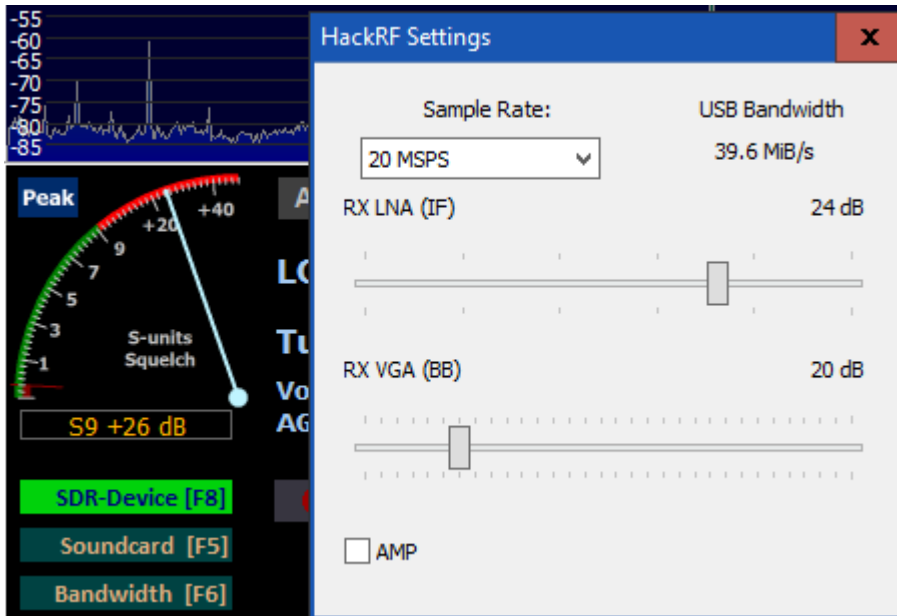
3 people reacted

[https://github.com/jocover/ExtIO\\_HackRF/releases](https://github.com/jocover/ExtIO_HackRF/releases)

# HDSDR Configuration

Note: There could be issues with USB drivers and Sound cards

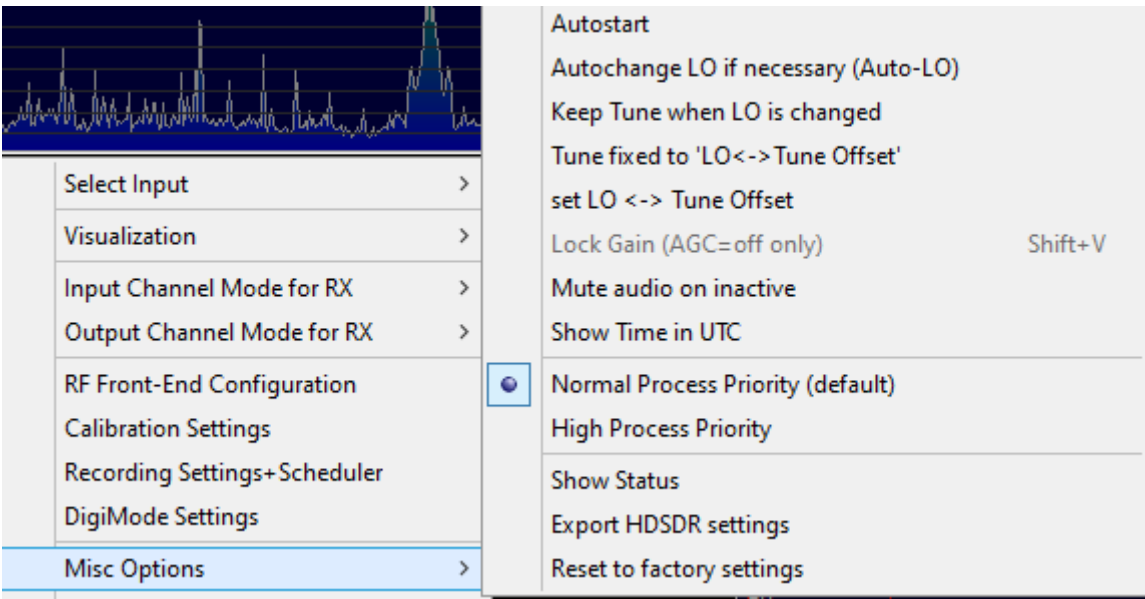
- May need to remove the drivers (uninstall from device manager) and reboot PC
- Disconnect any USB Hubs. These seems to mess us USB devices



# HDSDR Configuration

Note: There could be issues with USB drivers and Sound cards

- May need to remove the drivers (uninstall from device manager) and reboot PC
- Disconnect any USB Hubs. These seems to mess us USB devices



Sampling Rate [Hz]	
Input	Output
20.000 MHz ▾	12000
	24000
	48000
	96000
	192000
	11025
	22050
	44100
	4000
	8000
	16000
	32000

