



**James, 9V1YC
setting up the
Pulau Ubin SDR**

From Concrete Jungle to Clear Sky

SARTS Pulau Ubin WebSDR takes Dxing for Members to a New Level

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The Problem

- On FT8, our signals from our QTH typically travels further than where we can receive signals from.
- I typically get better signal reports than what I give to other stations.
- If we could improve our receive Antenna /setup OR Eliminate local RF Noise. our DX performance would be much better

The Solution-

Use SARTS Pulau Ubin WebSDR as your Rx and Transmit from your own TX.

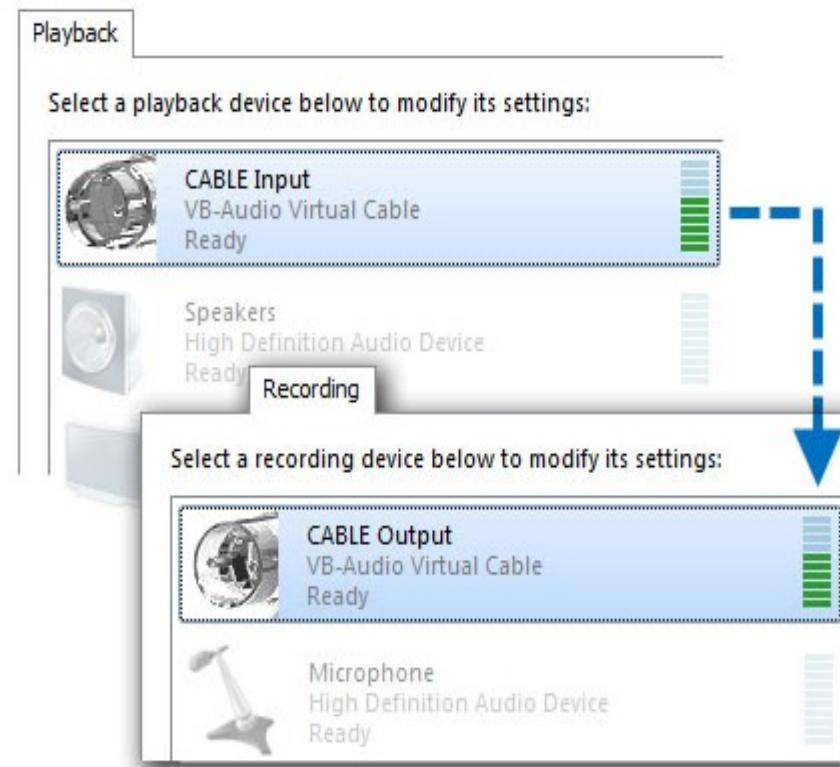
WebSDR	Reports- 24hrs	Reports Week	1 Countries 1 Week
9V1RS	15,527	101,533	145
9V1KG-1	6,958	46,248	130
9V1HP	3,792	29,535	56

Data from PSK reporter-07:00Z 14th Nov 2024

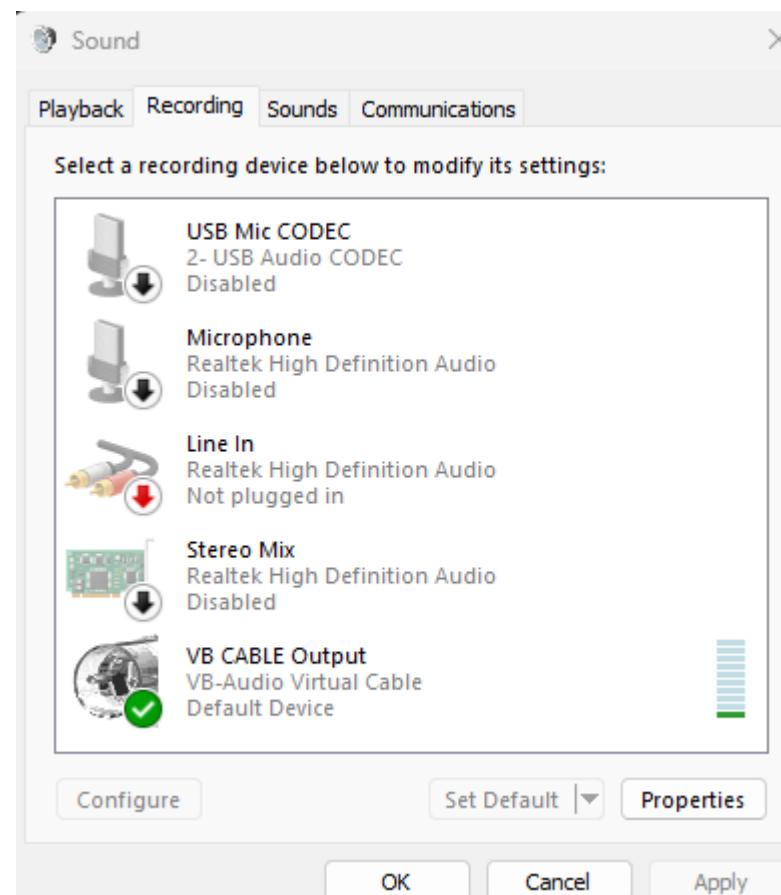
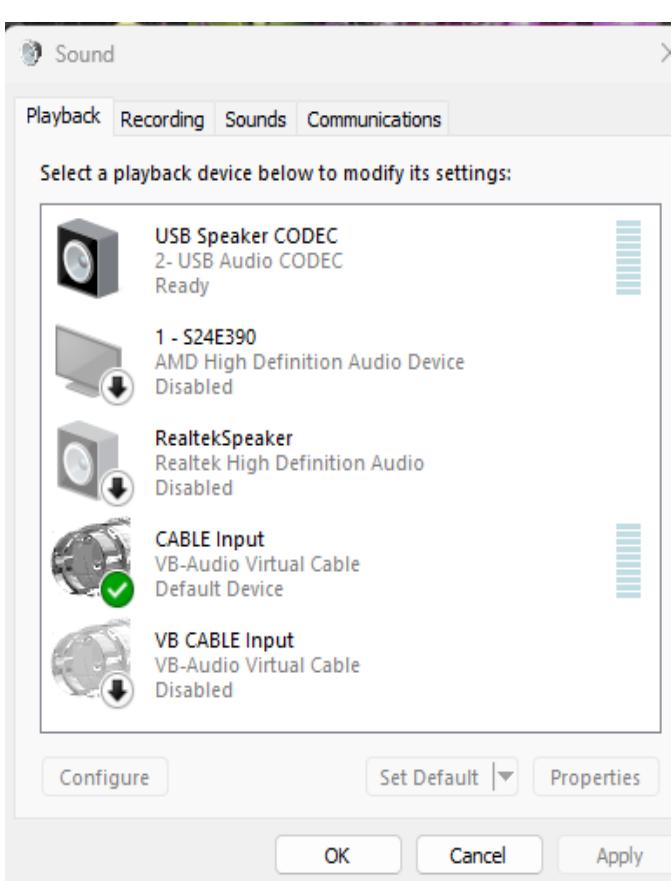
How use WSJT-X etc on Win 11 PC

- Download VB- Audio Virtual Cable software
<https://vb-audio.com/Cable/>

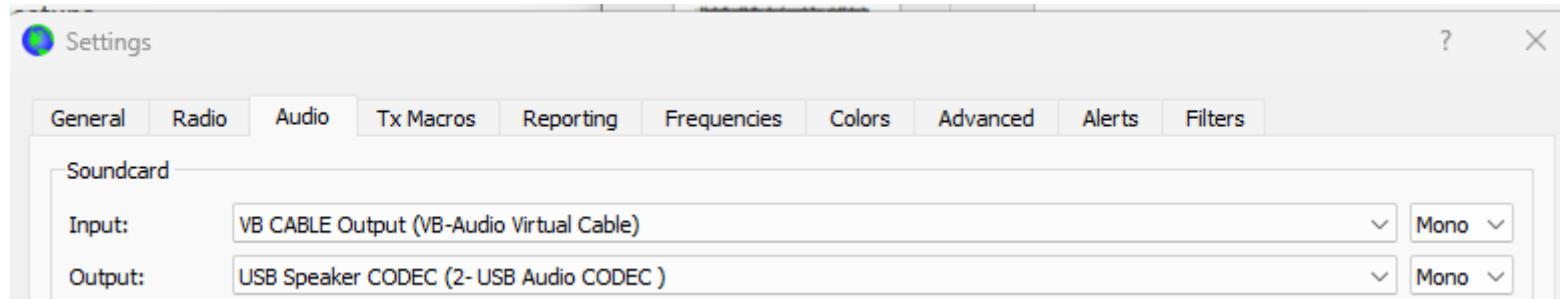
- Install the software on your PC. You should see a new Audio device in the Control Panel Sound Settings in the Playback and Record Tab



Control Panel Sound Settings



WSJT-X Audio Setting



Overview of Audio routing

Receive Route P Ubin WebSDR on Chrome Audio output → VB Audio Cable Input (Playback Tab on CP) → VB Audio Cable Output (Recording Tab on CP) → WSJT-X Input

Transmit Route -WSJT-X Output → USB Speaker CODEC to Transceiver (Transmit Route is unchanged from normal setting)

CP = Control Panel

Contests Awards etc

Eligibility of a split setup for awards such as DXCC as well as for participation in various contests needs to be examined.

Pulau Ubin WebSDR is within the same Maidenhead Grid OJ11, as rest of Singapore (except a small bit of OJ 12 in the newly reclaimed land East of Changi Airport.

Though the TX, RX and the operator are all close to each other, all three may be considered as not co-located.