

Perseus V5 - Quick Tuning Guide

The screenshot shows the Perseus V5 software interface. The main display window shows a frequency spectrum with a peak at 6.020 MHz. The left sidebar contains various control panels: ATT (Attenuation), FRONT-END (Prezel, Preamp, Dither), AMPLITUDE (Ref Lev, Scale), FREQUENCY (6.02000 MHz), Span (200.2 / 244.1 kHz), CF Step (10.0 kHz), Wheel Step (5.0 kHz), TUNING (Center, Cal, CalCl), SAMPLING RATE (125, 250, 500, 1000, 2000 kS/s), INPUT SELECT (Perseus, Wav, Idr, Trk), and PLAYBACK / REC (PBT, Notch, ANotch, CWPeak). The bottom right shows a level meter and a memory list.

Frequency Window

- Double click the left button of the mouse to open the dialog of direct frequency entry
- Turn the mouse wheel on a digit of the frequency to change it

Set the frequency step when clicking the two arrows in the main display menu bar

Select the step when turning the mouse wheel on the main display

Force the tuning frequency at the center of main display

When PBT is selected left click and drag the mouse for fine tuning

Change the tuning frequency accordingly to the selected Wheel step

Main Display Window

- double click the left button of the mouse to tune to the desired signal (Snap button select the precision)
- left click and drag the highlighted zone to select a new frequency (press the Ctrl-key to move the view without changing the tuning frequency)
- turn the mouse wheel to change frequency accordingly to the selected Wheel Step

Frequency Sidebar

- left click and drag to move the view
- press the Ctrl-key to move the view without changing the tuning frequency
- turn the mouse wheel to change the tuning frequency. The view is moved only when required.

Double click a non empty entry in the Memory window for a quick jump to the selected signal (right click to open the Memory Browser functions)

The receiver can be tuned also by an external control software if a Virtual Com Port software has been set up in the system (VCom On)

NOTES:

- In playback (Wav) mode the Center button in the TUNING window is disabled.
- When the Zoom mode is activated drag of the Main Display Window or of the Frequency Sidebar is disabled.

Information and features here shown refer to the Perseus software Revision V5.0b and are subject to change without notice.