

# Tracker

## How to set a tracker?

1. Find out the input frequency with a spectrum analyzer
2. Turn on the tracker 😊 (K+K counter and tracker have different pin assignments !)
3. Turn the gain down to 0
4. View the monitor output or A/B output frequency on the spectrum analyzer (Maybe too strong signal, dBm)
5. Turn the frequency by means of the VCO rotary knob to the required frequency
6. **Now** plug in the RF signal in the RF signal input
7. Turn the gain up until you can see a better signal
8. Done 😊

Controversial discussion: Some people use the integrator and some people not. Usually we don't use the integrator. If you want to use it, activate the integrator after step 7).

- The advantage of using the integrator: The Tracker stay phase stable!
  - Without the integrator, there may be a deviation of 1 Hz
  - The integrator is used as lowpass
- If the tracker doesn't work, turn off and on the complete power supply.

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Last update: **2018/08/31 13:45**

