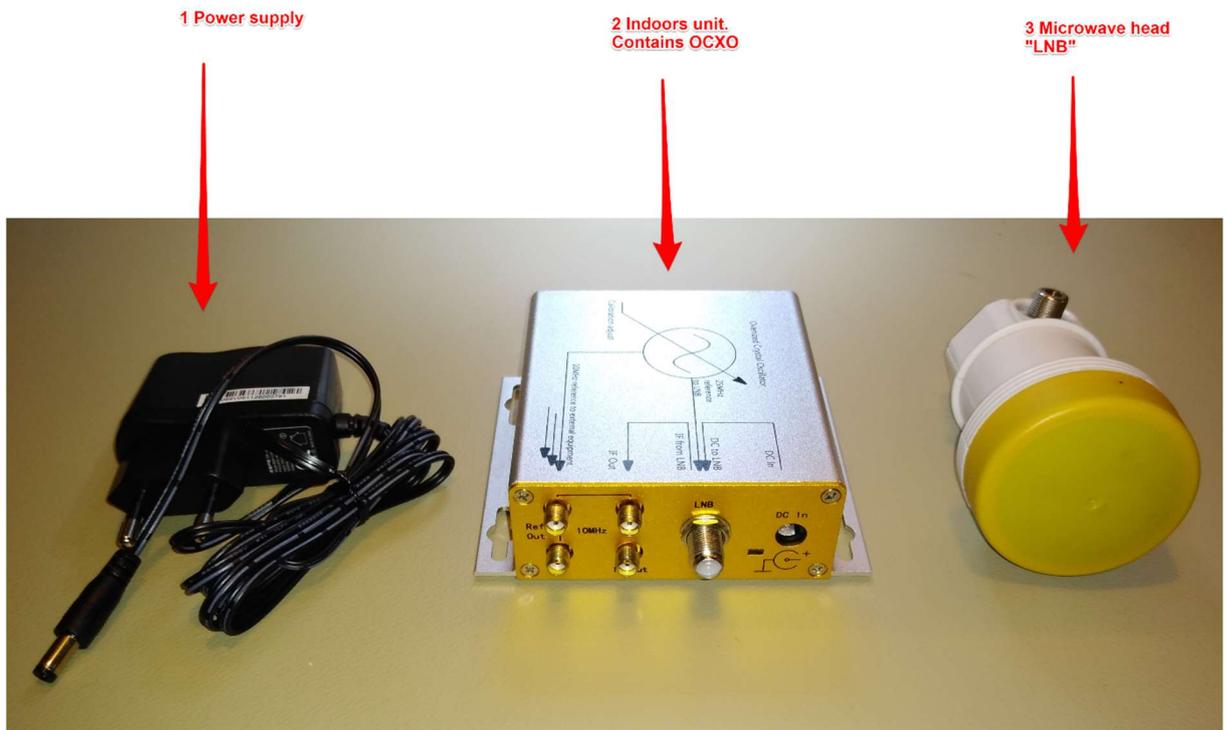


Quick Guide for the High stability 10GHz LNB

Inventorying the delivered items.

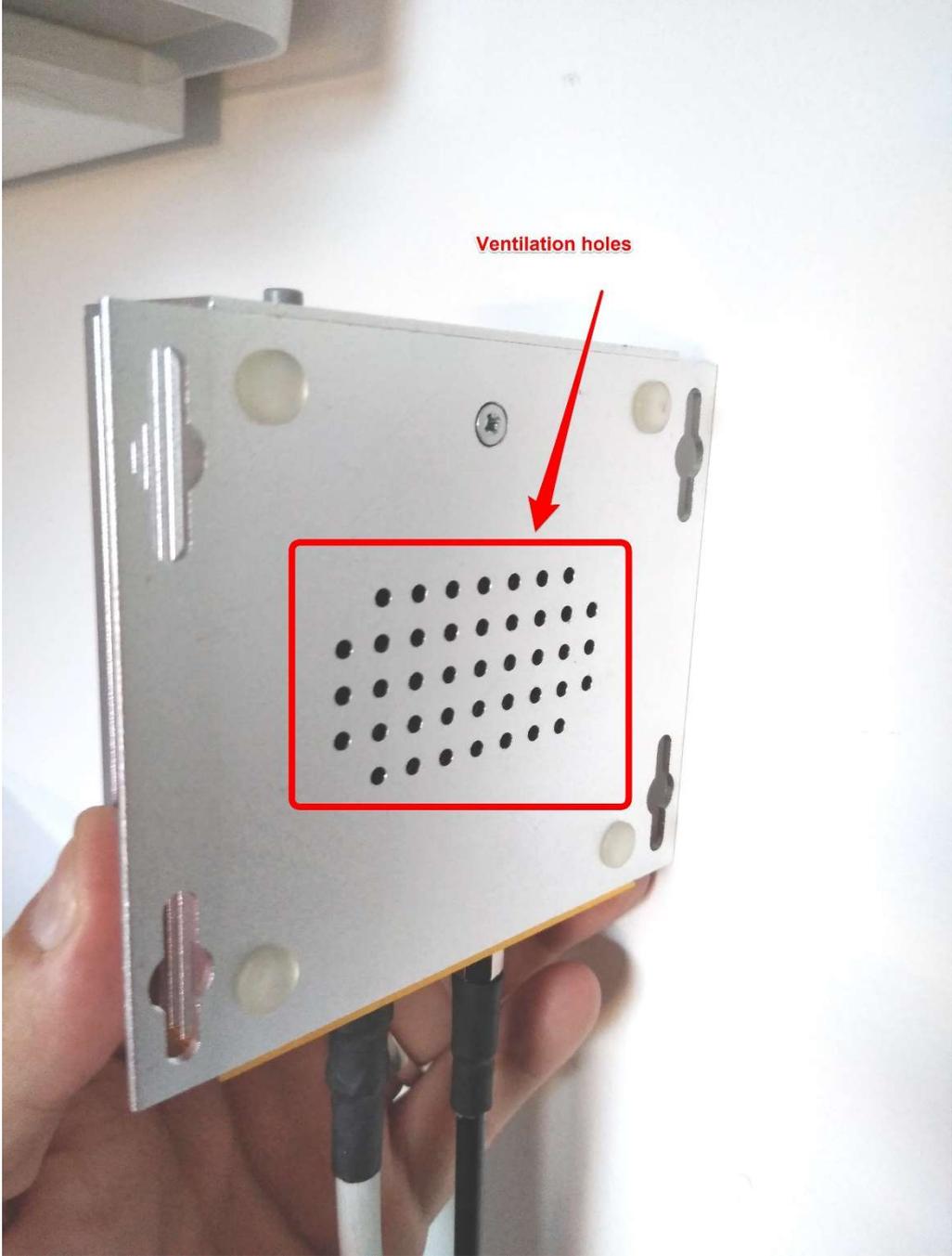
You should have received three items.

1. The Power supply. This has a Euro plug. If you live in a place where this do not fit to your wall sockets you can either use an adapter or substitute it for a 12V DC 1Amp. power supply of your own.
2. The indoors unit that contains the OCXO and connectors.
3. The microwave head, this is often called LNB (Low Noise Block amplifier)

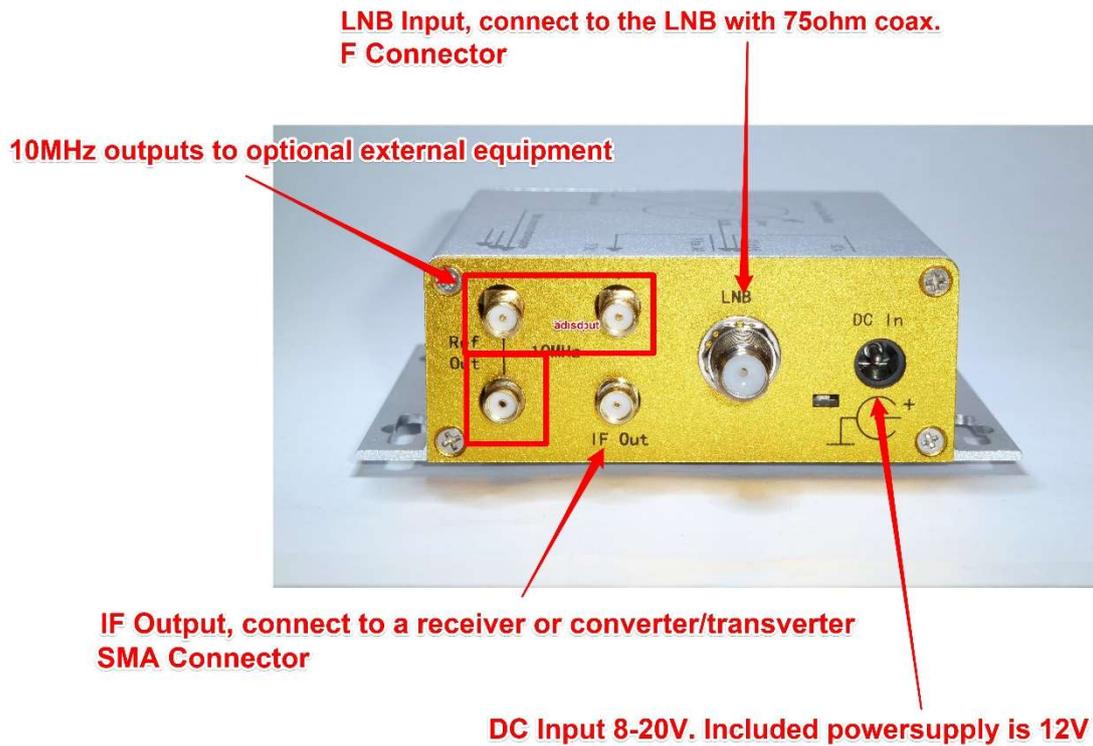


Connecting and mounting the units.

- 1. The indoor unit can be either desk or wall mounted. Regardless how you mount it, be sure to keep the rubber feet so the ventilation holes clear the wall or desk and air can be ventilated freely to and from the box.



2. Once you have mounted it in a suitable place, connect the items together.



The LNB needs a 75ohms cable between it and the indoor unit. Place the LNB in the focus of a suitable dish.



- The IF output is 50ohm and will go to your receiver/transceiver. In the picture below, it goes to a SDR receiver.



You can optionally use the three 10MHz outputs for your external equipment.

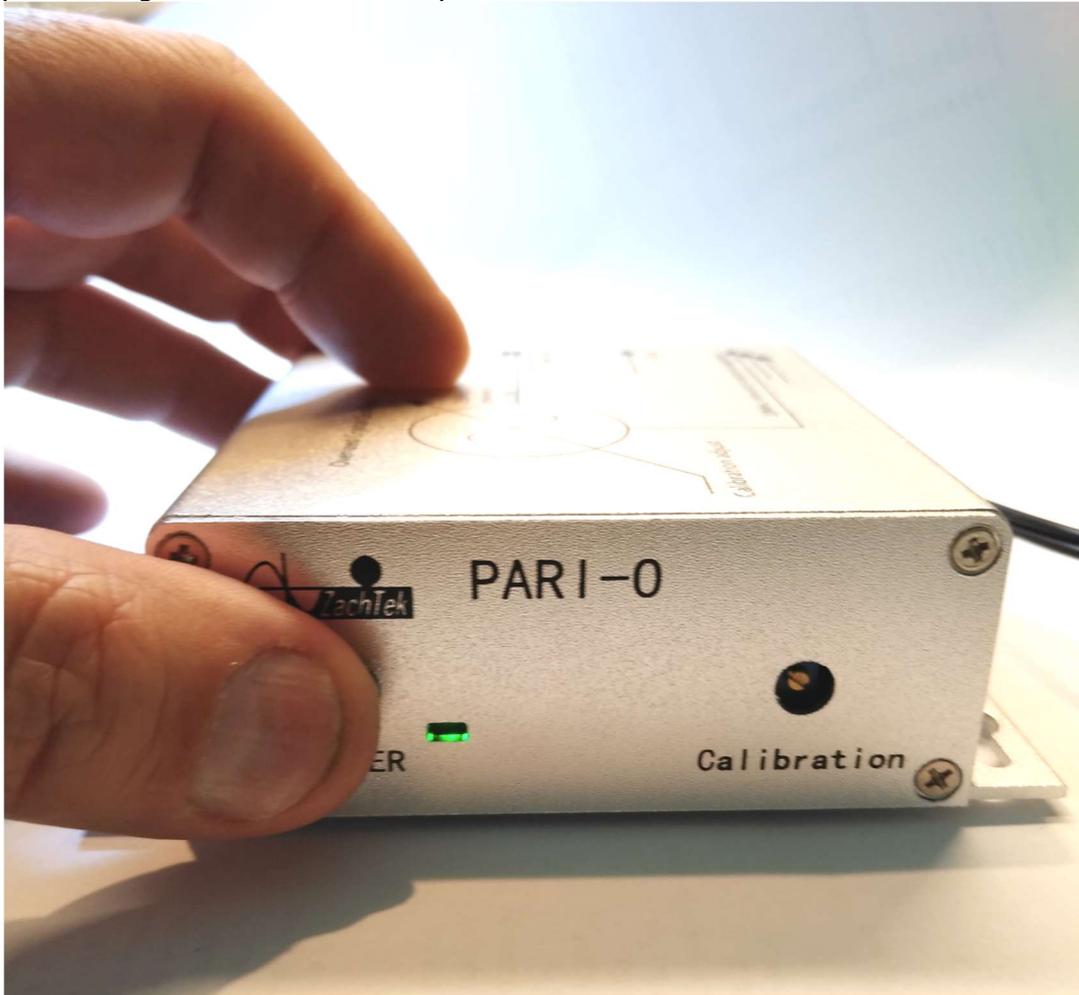
In the picture below a modified Adalm Pluto SDR is using the 10MHz as a master reference clock.



4. Power on the unit by pressing the bi-stable power button located at the front, the green led on the front will stay on when the power button is on.

This differs to how the green LED on the backside works.

The LED on the backside will be lit as long as the power supply is providing power, regardless if the unit is powered on or not.



5. The unit will warm up the internal OCXO oven in about 10 minutes. After that, it is ready to use.

I hope this information is enough to get you started and get you on the air. If you need more information, check out the documentation pages on my website or email me at harry@zachtek.com.

73 and see you on the bands!
//Harry SM7PNV