

# SPECTRAN<sup>®</sup>V6

— BEYOND REALTIME —





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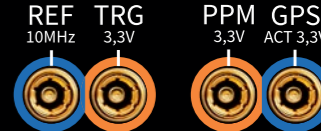
REALTIME SPECTRUM ANALYZER **PLUS**



**1** Two **SMA inputs** labeled Rx1 and Rx2 (version dependent) to connect antennas, generators or other measurement equipment supporting signal strengths of up to +25 dBm (limiter recommended).



**2** One **SMA output** labeled Tx for the output of generated RF signals with signal strengths of up to +20 dBm (not supported on 250XA-6).



**6** SMB connectors for Reference Clock (10 MHz), Trigger (3.3V), Act. GPS (3.3V) and PPM (3.3V). The external GPS antenna comes with the optional GPS Option (SKU 112/007), which includes the appropriate receiver within the V6.



**3** **POWER**



**Option A:** Attach the proper adapter to the power supply and plug it into a power socket. Then use the red power cable to connect the power supply with the "POWR" port on the device.

**Option B:** Use the red power cable and connect it to the "POWR" jack of the device with a USB port that supports the "Power Delivery" feature.

In case of USB problems always make sure you are using the cables supplied by Aaronia before contacting support.



**4** **DATA**



Use the black cable labeled "Data" to connect the "DATA" port of the device to any USB 3.x port of your PC. USB 3.x ports are usually blue or red and are marked with a "SuperSpeed" logo.

In some cases, the "Data" connection can also supply power via the USB "Power Delivery" feature and no dedicated "Power"-connection is needed.

However, this depends on the USB port, cable and device configuration in the mission used, so it is recommended to always supply power using the "Power" connector.



**5** **BOOST**



For higher data rates the SPECTRAN<sup>®</sup> V6 (500XA-6/2000XA-6 variants only) may need a second USB 3.x connection when operating at full capacity.

In such scenarios connect the black cable labeled "Boost" to the "BOOST" port of the device and a second USB 3.x port on your PC. The USB-C LEDs have the following status:

- Bad Power
- Device Ready
- Standby
- Streaming Data

- Data
  - Power
- If only DATA USB is connected and the device has too little power.