



NOMAD HDR/FM LITE

Wiring Diagrams

Basic Operating Principles



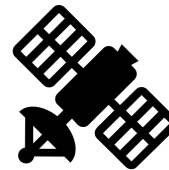
Calibrated antenna for direct conversion of RSSI to Field Strength in dBuV/m



NOMAD HDR/FM LITE



Inovonics (565, 568, 635, 638)
HDR / FM
Radio Receiver



GPS Receiver



Mobile Acquisition:
down to 1 point
every 50 m



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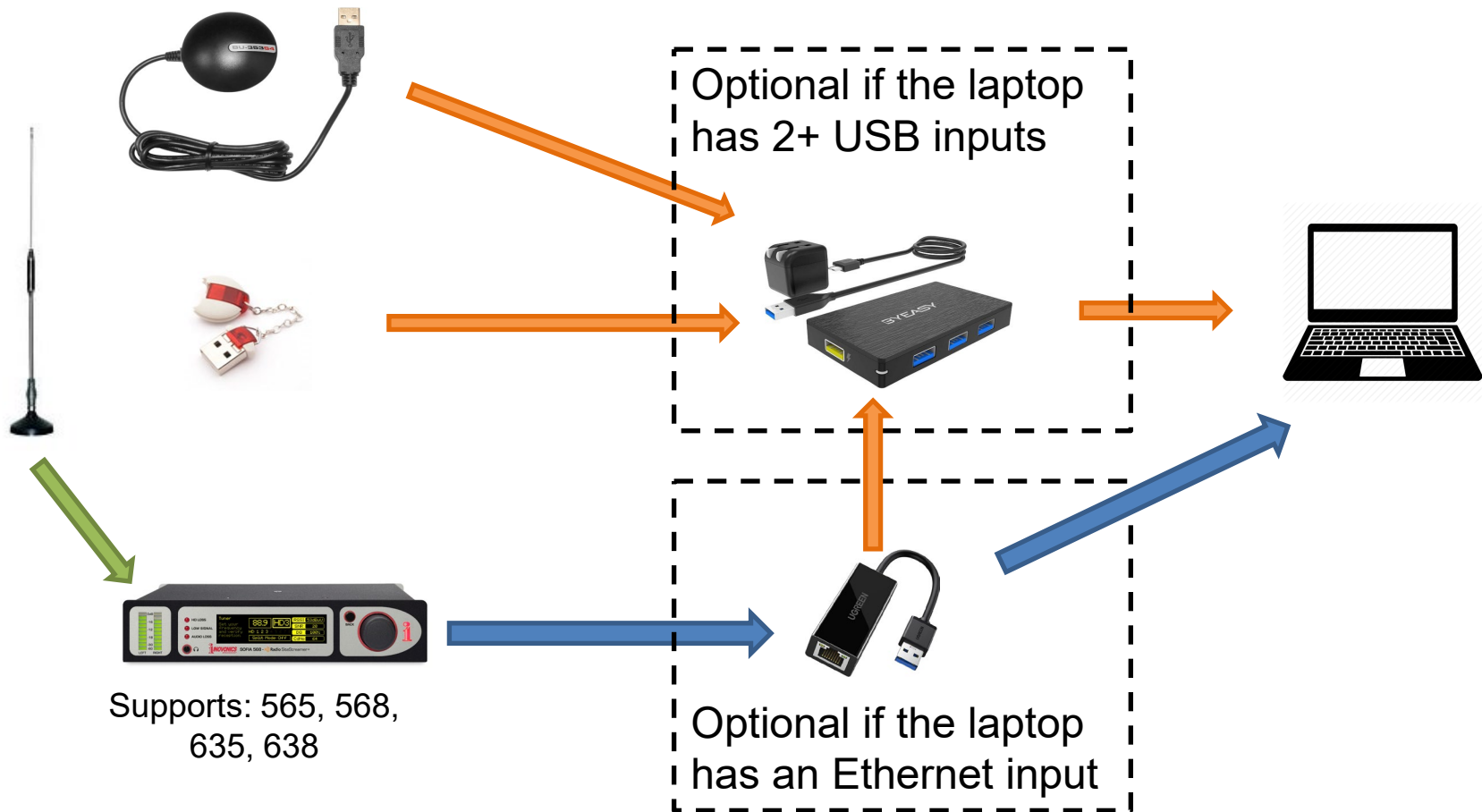
Post-Campaign
Analysis:

- Complete report automatic generation
- Export to Google Earth or CSV
- Measurement campaign comparison generator
- Campaign Player

Real-time measurements of a single station:

- Field strength
- Analog Metrics: multipath, rds, stereo, etc
- HD Metrics: HD acquired, digital audio quality, station logo, etc.
- Comparison with previous measurements

Wiring Diagram:



Tips and recommendations for assembly:

- The kit can be powered by a 12DC to AC power inverter (Min 300W)
- To minimize signal noise on the system, we recommend purchasing high quality, shielded coax and ethernet cables. Select them as short as possible.