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RTK-RDM QUICK START GUIDE

MATERIALS



1 = Antennas x 2



2 = Base Unit +

Power Supply



3 = Rover Unit +

RAM arm



4 = Tripod



5 = Case

ASSEMBLY

Step 1:

Remove Items from Case (5) and check inventory



Step 2:

Attach Antennas (1) to Base (2) and Rover (3)



Step 3:

Connect 2 to Tripod (4)



Step 4:

Place 2 on roof of car



Step 5:

Power on 2 by plugging in to USB power supply. Solid blue light = on



Step 6:

Wait for flashing blue light on 2



Step 7:

Use RAM mount to attach 3 to RDM



Step 8:

Connect 3 to RDM tablet and wait for flashing blue light AND flashing or solid green light



Step 9:

Proceed to COM Port Setup on reverse side of Quick Start Guide



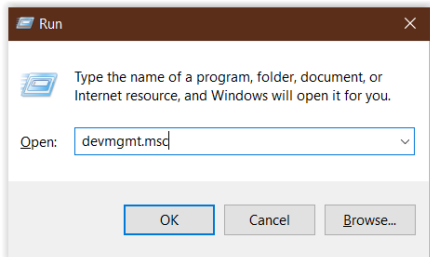


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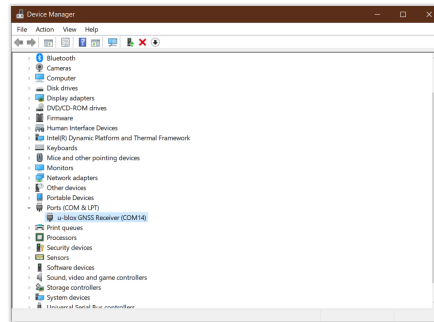
COM PORT SETUP

If tablet does not connect to the GPS automatically, press windows key and type **run**, then press **enter**. Type **devmgmt.msc** and press **enter**.



Expand **PORTS (COM&LPT)** and check what COM port number has

been assigned to the GPS.



Consult RDM documentation on selecting the correct GPS COM port in RDM software.

MOUNTING

Place Base on vehicle roof at the center for best GPS performance.



Mount Rover onto RDM using RAM mount. Set top of Rover parallel to the ground and unobstructed.



SPECIFICATIONS

- GPS Receiver
 - RTK based system
 - 2.5cm accuracy
 - Self-survey-in
- System Power
 - Base Power - USB (battery)
 - Rover Power - USB (tablet)
- RTK Radio
 - 915 MHz radio
 - Range - 2km
- Mechanical
 - 6" dia, 4" ht
 - RAM mount
- Environmental
 - -10C to +60C
 - IP52

FAQS

- How do I connect to the tablet? Simply connect Rover USB to the tablet.
- Why am I not getting an RTK fix? Check that the Base and Rover antennas are both connected.
- Why won't the Base power on / stay on? Check that the USB battery bank for the Base is charged.
- How can I get coordinates of the GPS? Use the RDM software GPS menu to display coordinates.
- Why won't the green light go solid? Limited GPS signal may prevent ideal RTK fix. Flashing green is still a good RTK fix.

CONTACT

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