



PaveScan® RDM 2.0

Quick Start Assembly Guide

MN36-731 Rev A

Geophysical Survey Systems, Inc.

40 Simon Street • Nashua, NH 03060-3075 USA • www.geophysical.com



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Published by Geophysical Survey Systems, Inc.
40 Simon Street
Nashua, New Hampshire 03060-3075 USA

Printed in the United States

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What's in the Box



Parts Included:

- a)** Tablet mounting bracket
- b)** Velcro ties
- c)** Concentrator box
- d)** Panasonic G1 ToughPad with preloaded OS and cable
- e)** Cart handle
- f)** Up to 4 digital sensor cables, 1 for each sensor and 1 for tablet
- g)** Survey wheel cable
- h)** Up to 3 Sensors
- i)** 3 thumb screws
- j)** Cable guide bracket mounting screws
- k)** Cable guide bracket
- l)** Four-wheel cart
- m)** Metal calibration plate and transport case
- n)** Sensor verification HDPE block

Assembly Instructions

Step 1:

Using a Phillips head screwdriver, attach the cable management bracket to the back of the handle.



Step 2:

Insert handle into cart and lock into place. Attach tablet mount to the handle using thumb screws.

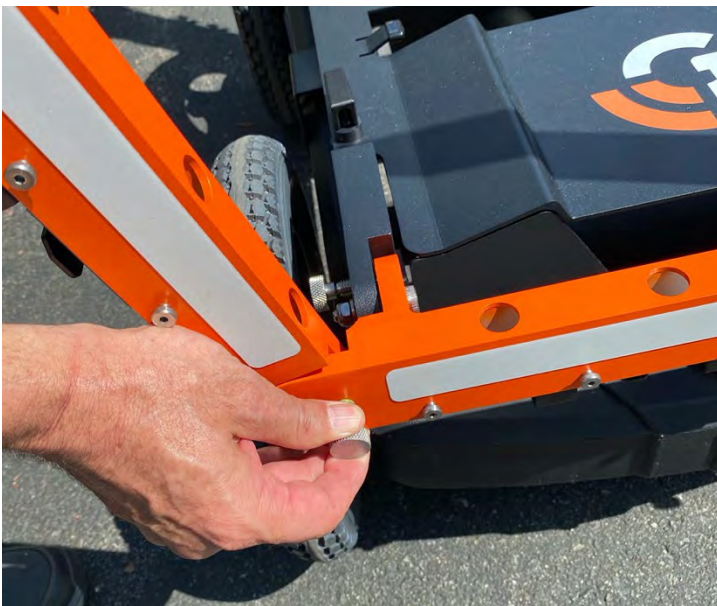


Step 3:

- a)** Pull the knob located underneath the orange arms to unlock and unfold the arms.
Should click into place at 90 degrees. Will also lock at 45 (more on that later).



- b)** Use pull tab to unlock and unfold the arms.



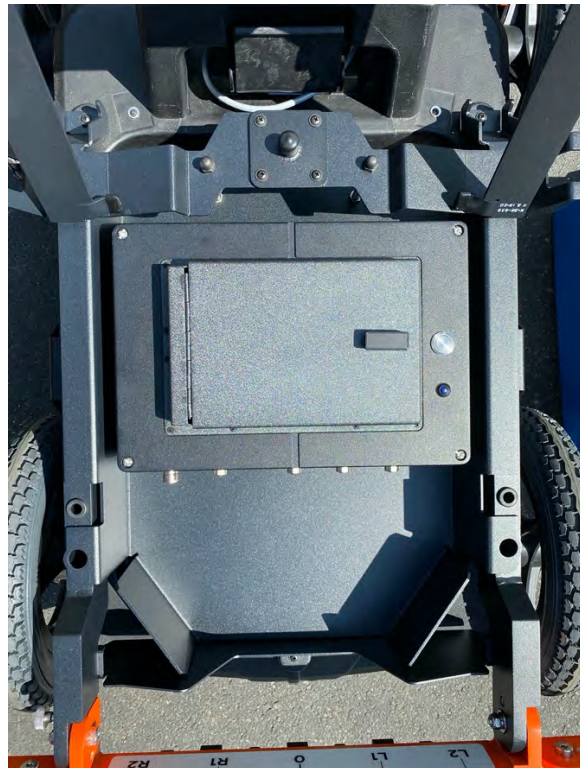
Step 4:

Inserting Concentrator Box:

- a)** Unlock lid by disengaging pressure tabs and lift lid.



- b)** Place box into slot.



Step 5:

- a)** Attach each sensor at appropriate distance and lock with pressure latch.



- b)** Plate must be behind stew heads when connecting the sensor boom to the bar prior to locking the latch.



Step 6:

Attaching Cables:

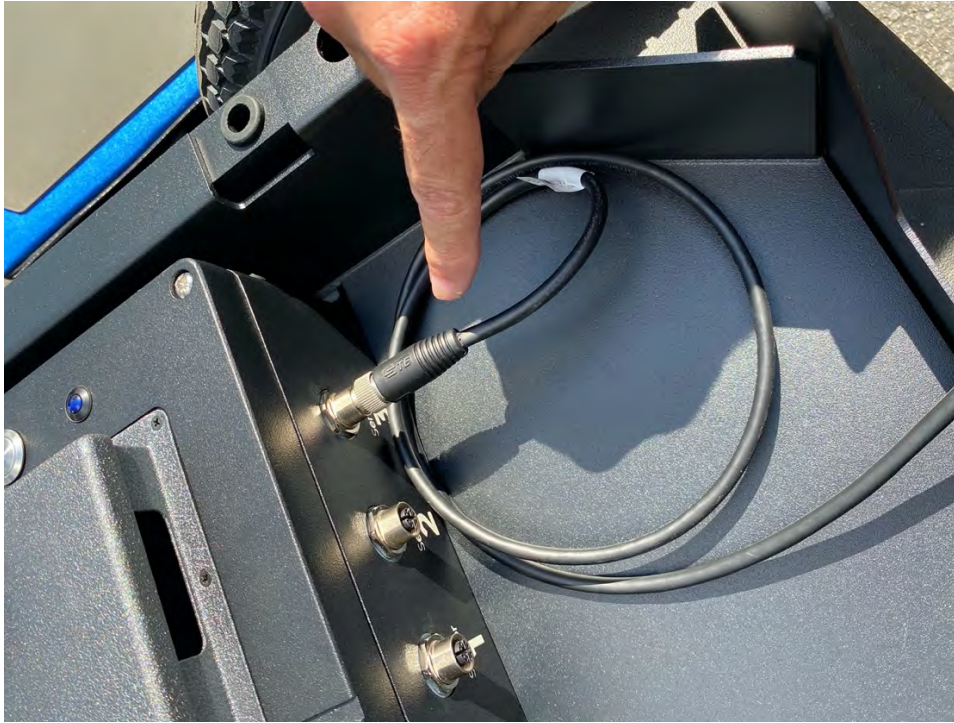
- a)** Line up key and hand tighten cable.



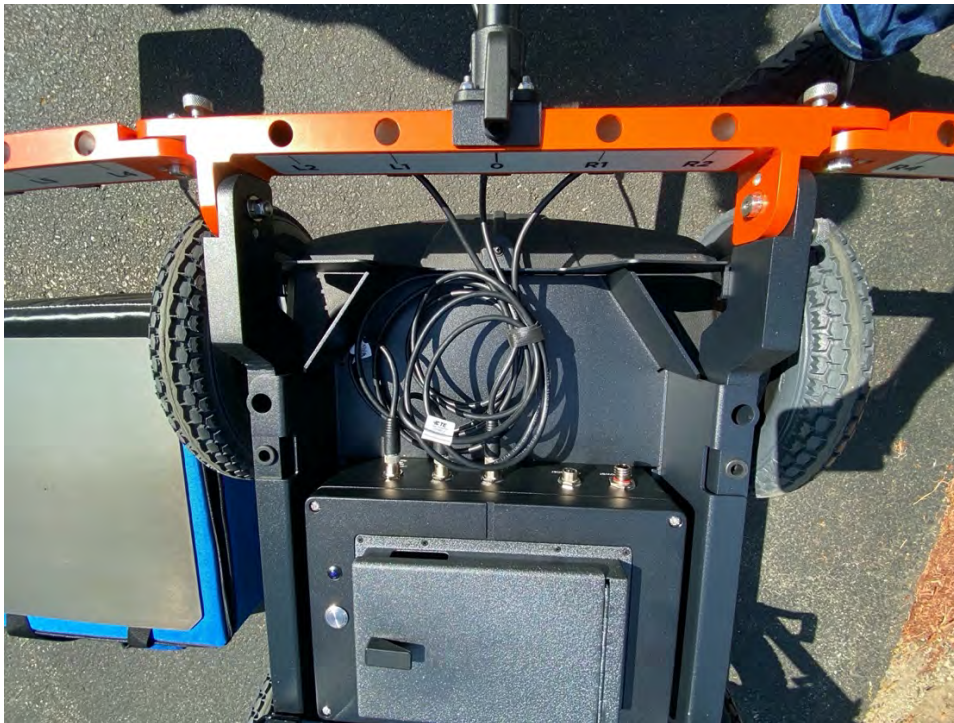
- b)** Using cable management bracket under arm guide cable through.



c) Then continue towards center and connect to sensor port. Repeat for all sensors.



d) Use included Velcro ties to organize cables accordingly.



- e)** Also use Velcro to attach boom bars.



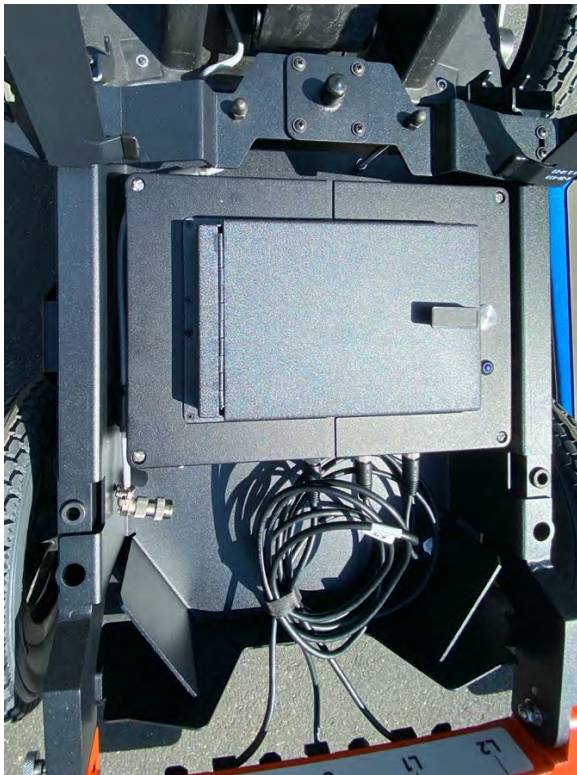
Step 7:

Survey Wheel Cable:

- a)** Grey cable attached to cart is to be guided underneath handle.



- b)** Guide the cable to the right side (facing to the front of the cart from behind the handle) of the casing, into the gap.



Step 8:

Survey Wheel Extension Cable:

- a) Attach male end to sensor (middle sensor recommended). Guide through center and attach to grey survey wheel cable.



- b) Use Velcro to tidy up and attach both cables together.



Step 9:

Attaching Tablet Cable:



- a)** Key in and rotate to hand tighten. Guide cable through same path as survey wheel cable and up through cable management bracket and up through oval at top of handle.



b) Lock in place.



c) Then attach cable to tablet.



d) Use slots to customize viewing angle of tablet. Close lid and lock.



