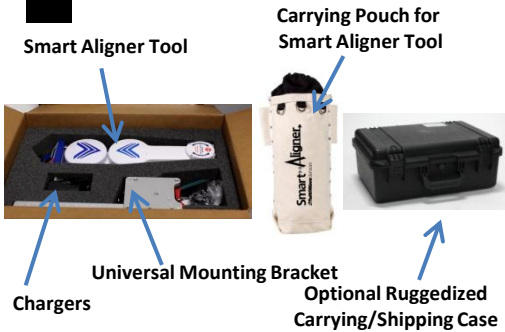


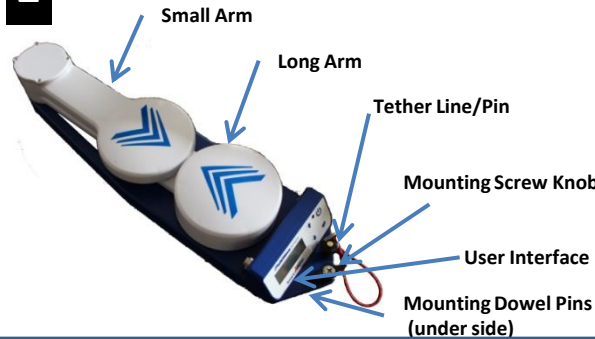
Before starting **DOWNLOAD** the **Smart Aligner App** to your iPhone (iOS 7.0 or greater) or Android phone (4.1 or greater). For iOS go to the App Store and search "Smart Aligner". For Android go to the Google Play Store and search "smart aligner multiwave". The iOS App and Android App have some differences as a result of different operating systems. This guide will show the user how to carry out an antenna alignment from start to finish for one antenna and tool mounting configuration.

Main Components

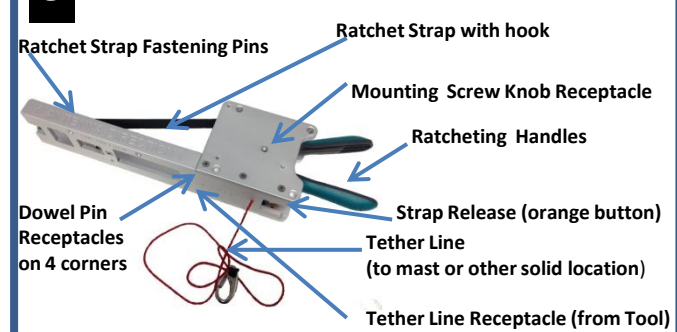
1 What's in the box?



2 Smart Aligner Tool (shown in folded position)



3 Universal Mounting Bracket

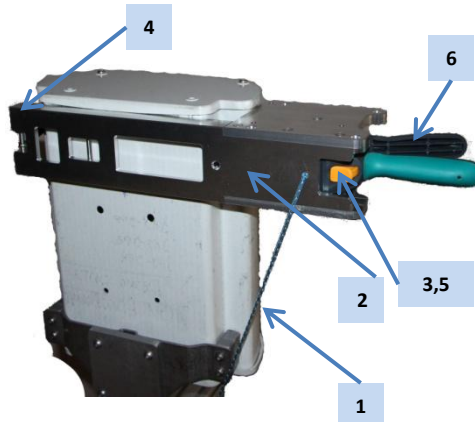


Performing an Antenna Alignment

4 Attach the Universal Mounting Bracket to the antenna

1. Tether the *Universal Mounting Bracket* to a solid location.
2. Set the *Universal Mounting Bracket* on the backplane of the antenna as shown. Keep the *Bracket* in place by holding on to the handle.
3. Depress the orange *Strap Release* button with your thumb and hold it
4. With your other hand attach the hook of the *Ratchet Strap* to the appropriate *Ratchet Strap Fastening Pin*

NOTE: Universal Mounting Bracket can be mounted on either the right side (shown) or left side of antenna

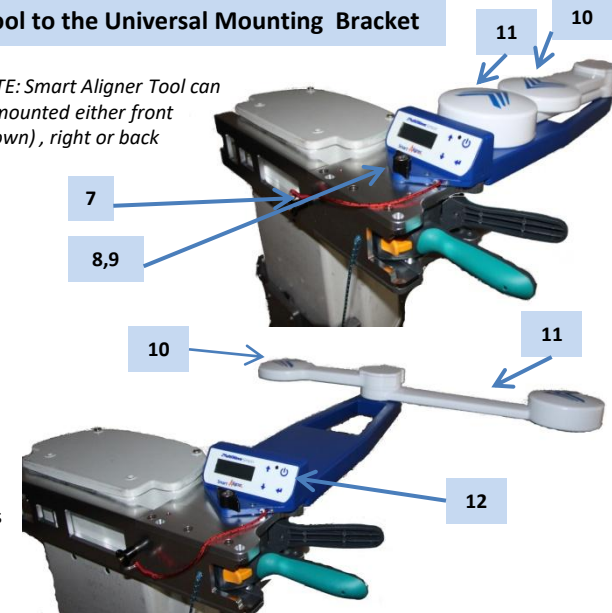


5. Release the orange *Strap Release* button but still hold the *Bracket*
6. Squeeze the *Ratcheting Handles* until the *Bracket* is tight to the antenna

5 Attach the Smart Aligner Tool to the Universal Mounting Bracket

7. Tether the *Smart Aligner Tool* to the *Universal Mounting Bracket*
8. Line up the *Mounting Dowel Pins* (underside of Tool) to the *Dowel Pin Receptacles* on the *Universal Mounting Bracket*
9. Tighten the *Mounting Screw Knob* on the *Smart Aligner Tool*
10. Rotate *Small Arm* clockwise till you feel/hear it click in and engage
11. Rotate the *Long Arm* counter-clockwise till you feel/hear it click in and engage

NOTE: Smart Aligner Tool can be mounted either front (shown), right or back



12. Press the **POWER** button on the *User Interface* and wait for an azimuth solution
13. Turn over page for App instructions

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Connect by Wi-Fi to the Smart Aligner Tool

1. You should already have downloaded the Smart Aligner App to your mobile device.
2. In the list of WiFi networks you will see SmartAligner-SerialNumber. Choose this Network and Connect

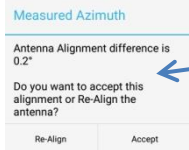
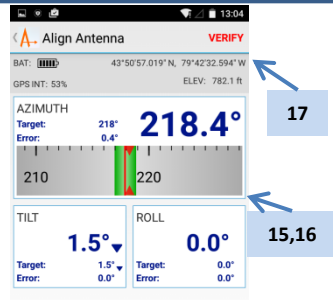


3. Tap the Smart Aligner App

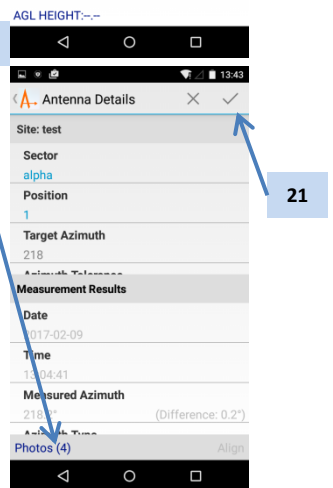
8

Align and Verify

15. The **Align Antenna** real time screen will be displayed.
16. Adjust the antenna to the **Target** azimuth/tilt/roll to within the desired/specified error (tolerance).
17. Tap **VERIFY**
18. After verification the following message will appear



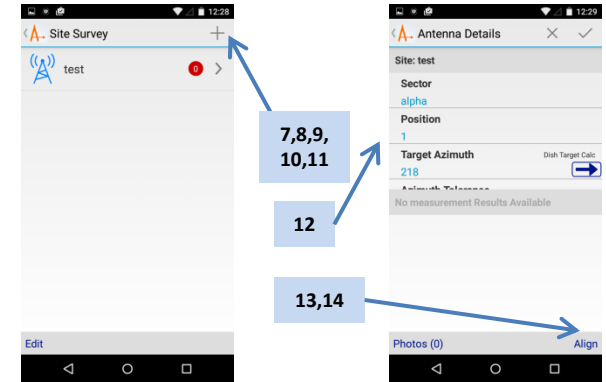
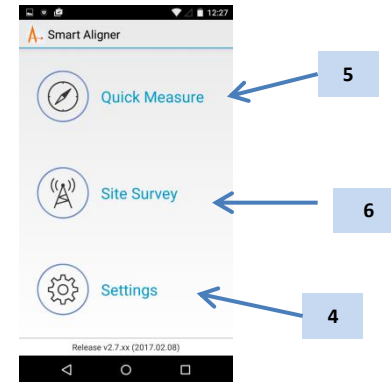
19. Tap **Accept**
20. You will now be taken back to the **Antenna Details** Screen with the populated Measurement Results. You can take up to 4 **Photos** at this point. Tap **Photos**
21. Tap **✓** to **Save**
22. You will now be directed to the **Antenna** list within the site where you can create a Report.
23. Tap **Report**



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Smart Aligner App (Android shown)

4. A splash screen will appear followed by the Main Menu. Before proceeding check **Settings** that **Simulation mode** is toggled to the off position as shown
5. To confirm that the **Smart Aligner Tool** and App are connected tap **Quick Measure**. You should see data updating in real time. If yes, select **<** (Back) to return to the main menu
6. Tap **Site Survey**
7. Tap **+**
8. Enter Site name (e.g. "test") and tap OK
9. The site name and # of antennas will be displayed
10. Tap the Site name (shown "test"). You will now enter the Antenna menu
11. Tap **+** for the **Antenna Details** Screen
12. Enter the relevant data for this antenna. The antenna is identified by the Sector and Position. Scroll down to view all the set up data
13. You are now ready to Align the antenna
14. Tap **Align**



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Reporting

24. Tap **Select All** then **Preview All**
25. Tap **EMAIL**
26. PDF report is attached to email

