

PhotoPills

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(PhotoPills write up is on New Dell under Photography)

Planner Tool

- Organized by
 - Top Bar
 - Map
 - Timeline
 - Bottom Bar

 - **Top Bar**
 - Scrollable panels
 - 11 Panels (Overlays)
 - Overlays can be activated by clicking on the various panels

 - **Map Section**
 - 3 buttons at the bottom of the screen
 - 1st button takes you to the last location you at on the map
 - 2nd button opens up the Map Bar
 - 3rd button (all the way to the right) – opens up various map settings
 - Map Settings – 2 modes
 - Use the Camera mode
 - Camera Mode
 - Then select what you are able to see
 - Shows up on the Top Bar
 - **NOTE:** Already setup
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- **Time Line**
 - Bottom Bar
 - Scroll through to see how overlays will appear on the map
 - Setup in 25 hours.
 - If you tap or hold your finger on the Time Line, it will change to 1 hour intervals
 - Press/Hold again and it will go back to 25 hour mode
 - **Colors on Time Line**
 - Darkest Blue – indicates Night
 - Slightly Blue – Twilight or Blue Hour
 - Orange – The Golden Hour
 - Light Blue – Daylight hours
 - Dots
 - Yellow – rising of the Sun
 - Blue – rising of the Moon

- Just below the Timeline graph is the date and time
- If you tap on the Timeline
 - Right side – moves the map to the right
 - Left side – moves the map to the left
 - Tap in the Middle of the Timeline and it will take you Date and Time Menu
 - This is where you can change the Date and/or Time to match your photo shoot
 - Then the Planning Screen will show the above information for your future photo shoot
- **Bottom Bar**
 - More Options
 - *Find Button* – helps find a given date?
 - *Augmented Reality Button*
 - Use this button when you are the photo shoot location and get information on when the sun rises, moon rises, and the appearance of the Milky Way
 - This can be set for future photo shoots
 - *Load Button* – used to search for a location
 - *Save Button* – Saves a Plan or Point of Interval
 - *More Button* – Can add in more information if you have it
 - *Action Button* – Used to share the map information

Top Panel

- Some of the 11 Panels are activated or deactivated Layers
- Start by deactivating all the Map Layers
 - Swipe to the 3rd Panel button at the bottom of the Map Layer, the button all the way to the right that looks like two pieces of paper on top of each other.
 - In the Camera Mode
 - To Deactivate a Layer, tap on the Map Layer and when a line goes through the circle, that map layer is deactivated
 - Press it again to activated it
 - When finished press DONE (top right)
- *2nd Panel* over – shows two pins (red and black) top right
 - To remove the black pin if present
 - Press on the black pin at the top (next to the red pin)
- *Third Panel* – Position Panel
 - An Icon on the top left bar that looks like a ball (yellow and blue)
 - Press the ball icon and the Sun and Moon lies will show up in relation to the red pin
 - Press the Ball Icon again to see only the Sun Map Layer
 - Press it Again to see the Moon Map Layer

- The icon ball will turn yellow when the Sun up
 - The ball will turn blue when the Moon is up
 - Press the Icon again to just see the and only the red pin will be showing
 - The above can also be done in the Map Setting Menu (third icon – far right) at the bottom of the map
- **Sun Layer**
 - When activated the solid Orange Line is the Sunset Line
 - Solid Yellow – Sun rise Line
 - Third smaller line (changes color from yellow to orange without the day) shows the sun in relation to the time, date and location
 - If you are unsure where North is located, take two finger and rotate the map and a compass will appear. Once done, it will disappear
 - The thick Yellow Line shows the direction of Sunrise for the date, time and location in the TimeLine (below the map)
 - The thick Orange Line shows the sun direction at Sunset
 - Sun and Moon Position
 - To know the above, you need two measurements – Horizontal and Vertical
 - Horizontal is called the **Azimuth**
 - Vertical is called **Elevation**
 - Note that the earth is separated by degrees in relation to elevation with:
 - North – 0 degrees
 - South – 180 degrees
 - East – 60 degrees
 - West 240 degrees
 - Noting the Elevation will you how high the sun will b at a given date, time and location
 - This will help on placing your subject and where you need to stand to get the best photo
 - If you scroll on the timeline, you will see the thin yellow line moving.
 - This is in relation to where is the sun located on the map during the day.
 - Once the thin orange line meets the large orange line, it will disappear
 - The thin yellow line will change to orange as you move through time
 - This shows the sun's position throughout the day starting at Twilight

- **Moon Layer**
 - The above information for the Sun Layer works the same as for the Moon Layer
 - Press the ball icon (top left) and it will change color from Yellow to Blue
 - Moon Layer line colors
 - Light Blue – Moon's position
 - Thick Blue - Direction of the Moon raising
 - Dark Blue - Direction of the Moon setting

- Back to the Panels (top bar)
 - Move to the 3rd panel
 - This will give you the Azimuth, Elevation and Moon Phase for a given date, time and location
 - To change the date
 - Tap on the clock button (next to the bottom)
 - This will take you to the Date and Time Menu
 - Change it here